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National Report for  
the Convention on  
Biological Diversity



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## Section I. Information on the targets being pursued at the national level

Country

Jordan

### National Targets

By 2016, the MoEnv strategy and its executive program are developed and operational.

Rationale for the National Target

It is critical for the ministry of environment to develop its strategy and executive program to set directions and establish priorities in order to achieve a common goal. In addition, it will help to simplify decision making, drive alignment and communicate the message which will create and maximize opportunities for the plan success.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local development and poverty reduction strategies

### Relevant documents and information

National Reports from stockholders and recommendations from NBC.

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Other relevant website address or attached documents

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Rationale for the National Target

The National Biodiversity Committee was established based on a cabinet decision aiming to support the ministry in the development of policies, strategies and action plans related to biodiversity conservation in Jordan. Therefore, this target was set to strengthen the role and mandate of the NBC of Jordan to act more effectively and support decision making process in all related topics to the biodiversity conservation of Jordan.

EN

**Level of application**

Jurisdiction

National / Federal

**Relevance of National Targets to Aichi Targets**

Aichi Target components

2. Integration of biodiversity values

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes

**Relevant documents and information**

The NBSAP is effective and nationally applied, the structure and mandate of the committee is being reviewed by ministry of environment in consultations with relevant stockholders.

EN

Other relevant website address or attached documents

[Ministry of Environment web-site](#)  
[Jordan CHM](#)

## By 2017, the new environment protection law is endorsed and effective.

### Rationale for the National Target

Since several gaps were highlighted in the environmental protection law number 52 of 2006 especially the sections related to waste management, pollution, water, desertification and biodiversity. A new environmental protection law was developed through a participatory approach with various stakeholders. Therefore, it is necessary to follow-up the enforcement of the new law in order to support the conservation efforts of ecosystems, habitats and species in the future. Also, the enforcement of this law will support the national biodiversity and action plan implementation.

EN

### Level of application

#### Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

#### Aichi Target components

2. Integration of biodiversity values

#### Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes  
Biodiversity values incorporated into national accounting, as appropriate

### Relevant documents and information

The National Biodiversity Committee of Jordan engaged effectively in the development of the new environmental law, where several articles on biodiversity conservation were added to the original text of the previous law. In addition, in-depth discussions were conducted with various stakeholders from different affiliations and the Ministry of Environment responsible team to make more focus on biodiversity-related articles.

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#### Other relevant website address or attached documents

[Jordan CHM](#)

## By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

### Rationale for the National Target

The nature conservation directorate at the ministry of environment is composed of three major sections which are the biodiversity conservation, water and marine and the desertification sections. Despite the good structure, yet lacks in human and financial resources exists. A comprehensive review will support better planning and budgeting, identify gaps, raise skills and expertise which in accordance will support effective implementation of NBSAP.

EN

### Level of application

#### Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

#### Aichi Target components

2. Integration of biodiversity values  
19. Biodiversity knowledge  
20. Resource mobilization

#### Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes  
Biodiversity values incorporated into national accounting, as appropriate  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied  
Mobilization of financial resources implementing the Strategic Plan for Biodiversity from all sources have increased substantially from 2010 levels

## Relevant documents and information

The Ministry of Environmental has conducted a retreat to in articular reviewing the ministry structure "including the Nature Conservation Directorate" with the presence of key stakeholders.

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Other relevant website address or attached documents

[Ministry of Environment web-site](#)

**By 2020, a participative biodiversity planning protocol is developed and adopted nationally.**

Rationale for the National Target

In order to follow-up the progress made by the NBSAP partners; it is necessary to establish a planning protocol which aims to track progress of the implementation and report accordingly. In addition, the existence of such a protocol will help to develop the next report, especially if all information is collected on a continuous base.

EN

## Level of application

Jurisdiction

National / Federal

## Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values  
17. NBSAPs  
19. Biodiversity knowledge  
20. Resource mobilization

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes  
Submission of NBSAPs to Secretariat by (end of) 2015  
NBSAPs adopted as effective policy instrument  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and



transferred and applied

Mobilization of financial resources implementing the Strategic Plan for Biodiversity from all sources have increased substantially from 2010 levels

### Relevant documents and information

Other relevant website address or attached documents

[Jordan CHM](#)  
[SCBD Web-site](#)

## By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Rationale for the National Target

A financial strategy is required to scale up the biodiversity outcomes. Thus, a careful design is required which has to adopt different mechanisms including raising additional revenue, mainstreaming biodiversity in the production and consumption landscape and reducing the cost of achieving biodiversity conservation and sustainable use. This strategy has to be adopted by the cabinet to ensure the flow of finance to biodiversity related projects, initiatives and activities.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

19. Biodiversity knowledge  
20. Resource mobilization

Sub-Aichi Targets or Target components

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and

transferred and applied

Mobilization of financial resources implementing the Strategic Plan for Biodiversity from all sources have increased substantially from 2010 levels

## By 2015, a national awareness program for the NBSAP is developed and operational.

Rationale for the National Target

Awareness is a critical step to communicate with the public and different stakeholders on the NBSAP and the importance of conserving biodiversity. A major step which is required is to endorse the NBSAP by the cabinet which is considered part of raising the awareness of decision makers.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

17. NBSAPs

Sub-Aichi Targets or Target components

NBSAPs adopted as effective policy instrument

## By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

Rationale for the National Target

The tourism industry is growing in Jordan, and represents one of the main sectors in the national economy. The Convention on Biological Diversity lays out 20 clear targets to safeguard biodiversity and enhance its benefits for all, and sustainable tourism can help meet at least 12 of

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them. Thus, it is important to integrate the articles and action plan of the NBSAP into tourism sector, and raise the profile of eco-tourism and economic growth.

## Level of application

Jurisdiction

National / Federal

## Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local development and poverty reduction strategies  
Biodiversity values incorporated into national accounting, as appropriate  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved

## Relevant documents and information

The review has been completed through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project and participation of RSCN.

A series of reports were developed and presented in a national workshops for decisions makers through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project.

The Government of Jordan has committed to developing a National Green Growth Plan (NGGP) that is in line with national objectives of economic, social and environmental performance. The Global Green Growth Institute (GGGI) is partnering with the Ministry of Environment (MoEnv) to support the development of the NGGP. The sustainable tourism is a important component of the (NGG).

Ministry of Tourism and Antiquities (MoTA) has established "Green Tourism Function" within the Ministry. The unit is acting as facilitator for green tourism development in Jordan.

Key stakeholders are playing important role in advising the Ministry of Environment in

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the development of the NGGP. There is also cooperation between MoTA and different stakeholders in the development of the green tourism program.

Other relevant website address or attached documents

[UNDP Country Office](#)  
[Green Growth Web-site](#)

## By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Rationale for the National Target

Despite the existence knowledge about forests in Jordan, but still no comprehensive inventory occurred which illustrate the percentages, coverage, ecosystem based approach for forests and forests dynamic in Jordan. In addition, due to the increasing threats on forests and the limited areas, a comprehensive review of the legal mechanisms to protect forests are needed. Therefore, this target was set for the importance of conserving forests in Jordan.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values  
15. Ecosystem resilience  
19. Biodiversity knowledge  
20. Resource mobilization

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local development and poverty reduction strategies  
Biodiversity values integrated into national and local planning processes

Biodiversity values incorporated into national accounting, as appropriate  
 Biodiversity values incorporated into reporting systems  
 Ecosystem resilience and the contribution of biodiversity to carbon stocks have been enhanced through conservation and restoration  
 Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
 Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied  
 Mobilization of financial resources implementing the Strategic Plan for Biodiversity from all sources have increased substantially from 2010 levels

## By 2016, national strategy for rangeland development and managements developed and effective

Rationale for the National Target

Jordan's witnessed an increasing numbers of livestock's due to political issues in the surrounding countries, which add more burdens on the existing rangelands. Moreover, the knowledge and information about rangelands species is still weak and has to be enhanced, which highlights the necessity for a comprehensive rangeland strategy.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values  
 4. Use of natural resources  
 5. Loss of habitats  
 19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes  
 Have kept the impacts of use of natural resources well within safe ecological limits  
 Degradation and fragmentation are significantly reduced

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

[Ministry of Agriculture web-site](#)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Rationale for the National Target

A growing interest in renewable energy resources is observed, especially after the commitment of the Government of Jordan toward renewable energy plans for 2020. Therefore, regulations have to be developed to ensure conserving species, ecosystems and habitats. In addition, mining is considered a critical threat especially for protected areas, and special conservation areas integrity. Thus, a careful consideration for the mining issue and its effects on biodiversity should be taken into consideration.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

1. Awareness of biodiversity values
2. Integration of biodiversity values
4. Use of natural resources
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

People are aware of the steps they can take to conserve and sustainably use biodiversity

Biodiversity values integrated into national and local development and poverty reduction strategies  
 Biodiversity values integrated into national and local planning processes  
 Governments, business and stakeholders at all levels have taken steps to achieve, or have implemented, plans for sustainable production and consumption  
 Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
 Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

## By 2016, sustainable coastal zone development master-plan developed and implemented

### Rationale for the National Target

Aqaba is considered the only coastal area in Jordan, with a limited coastline of 27Km. however, it contains important ecosystems, habitats and species but are under threats of the increasing conflicts over the available resources. Therefore, an integrated coastal zone plan has to be developed in order to establish the regulatory frameworks which govern the management of coastal areas in Aqaba.

EN

### Level of application

#### Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

#### Aichi Target components

2. Integration of biodiversity values  
 19. Biodiversity knowledge

#### Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local development and poverty reduction strategies  
 Biodiversity values incorporated into national accounting, as appropriate  
 Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved

Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Key Documents: 1) State of the Coastal Environment, Report for Aqaba, 2016 (ASEZA),  
2) Jordan ICZM Country Report 2014 (ASEZA),  
3) Integrated Coastal Zone Management Guidelines 2016 (JREDS),  
4) Integrated Coastal Zone Management Action Plan, 2017 (JREDS), State of Environment of Jordan (Ministry of Environment, JREDS).

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## Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Rationale for the National Target

Hunting is considered a major threat in Jordan, which affected the presence of several species and lead to the extension of many more. Therefore, it is important to understand the key game species status, review current regulations and develop a comprehensive awareness program which aims to conserve nature, biodiversity and ecosystems.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

1. Awareness of biodiversity values
2. Integration of biodiversity values
19. Biodiversity knowledge

Sub-Aichi Targets or Target components



People are aware of the values of biodiversity  
People are aware of the steps they can take to conserve and sustainably use biodiversity  
Biodiversity values integrated into national and local development and poverty reduction strategies  
Biodiversity values integrated into national and local planning processes  
Biodiversity values incorporated into reporting systems  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

<http://www.rscn.org.jo>

## Regional political conflicts impacts on biodiversity are understood, and national response advocated

Rationale for the National Target

Jordan beheld a huge number of refugees due to political issues in the surrounding countries. However, no assessment have been made to understand the impact of refugees on biodiversity and habitats. Therefore, this target was set to develop the knowledge and awareness toward the effects of refugees on biodiversity and set guidelines to mitigate their effects.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

1. Awareness of biodiversity values  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

People are aware of the values of biodiversity  
People are aware of the steps they can take to conserve and sustainably use biodiversity  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

<http://www.jrpsc.org>

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Rationale for the National Target

It is important to develop and adopt a bylaw for Cartagena protocol and raise the awareness at a national level.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

1. Awareness of biodiversity values  
13. Agricultural biodiversity  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

People are aware of the values of biodiversity  
The genetic diversity of cultivated plants is maintained  
Strategies have been developed and implemented for minimizing genetic erosion and

safeguarding genetic diversity

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved

Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

[Ministry of Environment web site](#)  
[Jordan CHM](#)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Rationale for the National Target

It is important to develop and adopt a bylaw for access to genetic resources and the traditional knowledge associated with in accordance to three main laws which are: i) the Environment Protection Law Number 6 for the year 2017, ii) the Agricultural law Number 13 of the year 2015 and the law of the Aqaba Special Economic Zone Authority Number 32 for the year 2000. This bylaw shall aim to ensure national control over genetic resources in accordance with relevant National and International Law, and ensure the conservation and sustainable use of the biochemical and genetic resources.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

1. Awareness of biodiversity values  
16. Nagoya Protocol on ABS

## 19. Biodiversity knowledge

Sub-Aichi Targets or Target components

People are aware of the values of biodiversity  
People are aware of the steps they can take to conserve and sustainably use biodiversity  
The Nagoya Protocol is in force  
The Nagoya Protocol is operational, consistent with national legislation  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

[Jordan CHM](#)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Rationale for the National Target

Biodiversity support effectively to sustain climate and minimize the impact of climate change. Thus, it is necessary to understand the impact of climate change impacts on biodiversity, and identify the resilience of ecosystems and habitats. Thus, this target was developed to raise the national capacities on climate change adaptation and its linkages with biodiversity conservation.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

11. Protected areas  
15. Ecosystem resilience

- 19. Biodiversity knowledge
- 20. Resource mobilization

Sub-Aichi Targets or Target components

Protected areas are effectively and equitably managed  
 Ecosystem resilience and the contribution of biodiversity to carbon stocks have been enhanced through conservation and restoration  
 Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
 Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied  
 Mobilization of financial resources implementing the Strategic Plan for Biodiversity from all sources have increased substantially from 2010 levels

**Relevant documents and information**

Jordan's Third National Communication on climate Change (2014), includes a vulnerability and Adaptation assessment for biodiversity sector and ecosystems over Jordan. The assessment identified vulnerable ecosystems in Jordan but there is no detailed vulnerability assessment targeting specific ecosystems.

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**By 2017, a centralized national environment information system (JEIS) is established and operational**

Rationale for the National Target

National initiatives on biodiversity information systems harmonized and integrated in the national context is necessary to understand the state of biodiversity. In addition, a series of scientific research protocols on biodiversity research shall be developed and updated on a continuous base.

EN

**Level of application**

Jurisdiction

National / Federal

## Relevance of National Targets to Aichi Targets

Aichi Target components

19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Nominate focal points from the various stockholders and implement the training program to raise the skills and knowledge of the involved stakeholders

EN

Other relevant website address or attached documents

[Jordan CHM](#)

**By 2018, the national protected areas program reviewed and effectively implemented.**

Rationale for the National Target

The protected areas network is dated back since 1964 where the first mission was conducted. Despite the continuous update for the protected areas network, but a detailed and comprehensive review is needed especially with the increasing threats and changes that have happened to population structure in Jordan. Thus, a country assessment of key biodiversity and agro-biodiversity areas should be developed and adopted nationally. In addition, the national protected areas network should be reviewed where terrestrial protected areas should cover 2% of the total area of the country at least and 10% of the marine protected areas.

EN

### Level of application

Jurisdiction

National / Federal

## Relevance of National Targets to Aichi Targets

Aichi Target components

11. Protected areas  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

At least 17 per cent of terrestrial and inland water areas are protected.  
At least 10 per cent of coastal and marine areas are protected  
Areas of particular importance for biodiversity and ecosystem services protected  
Protected areas are ecologically representative  
Protected areas are effectively and equitably managed  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

## Relevant documents and information

RSCN designed a national process for surveying areas important for biodiversity such as important plant areas. The plan was integrated with annual research plan of Biodiversity Monitoring Center at RSCN. Many areas were assessed by RSCN to evaluate the ecological and biodiversity importance along the Jordan Valley and Eastern Desert. Some of areas were suggested to be declared as protected areas due to its ecological potentials. In addition, A national report on Key biodiversity areas were prepared based on a comprehensive consultation with all relevant stakeholders and NBC members and a series of detailed maps was prepared.

A detailed proposal on new protected areas network review was prepared by RSCN. The proposal introduced a new methodology for the review process to assure wide representation of key ecosystems and habitats. It was submitted to Ministry Environment for adoption.

literature review was conducted by RSCN to assess available information on situation of ecosystems and proposed protected areas and key biodiversity areas. The protected area review plan has been submitted for different donors in order to secure resources for implementation.

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Other relevant website address or attached documents

[Jordan CHM](#)  
[RSCN Web-site](#)

## By 2020, benefits of key national ecosystems assessed and conservation actions taken.

### Rationale for the National Target

A country assessments on ecosystem services valuation have to be undertaken for all key ecosystems. This is critical since it will support conservationists in advocating for conservation issues. In addition, a national awareness of ecosystem services and benefits for all relevant stakeholders is necessary since it will support the national conservation efforts in Jordan.

EN

### Level of application

#### Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

#### Aichi Target components

1. Awareness of biodiversity values  
19. Biodiversity knowledge

#### Sub-Aichi Targets or Target components

People are aware of the values of biodiversity  
People are aware of the steps they can take to conserve and sustainably use biodiversity  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

#### Other relevant website address or attached documents

[Jordan CHM](#)



## By 2020, national basic education program on biodiversity conservation developed and maintained

Rationale for the National Target

Education provide knowledge and awareness which will support the change process and develops a new perspective of looking at biodiversity conservation. Therefore, basic education curricula on biodiversity should be reviewed and pilot capacity building programs for school teachers have to be implemented.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

<http://www.rscn.org>

## By 2020, national higher education curricula on biodiversity conservation developed and maintained

Rationale for the National Target

Jordan has advanced its position in nature conservation in the MENA

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region, and the network of protected areas has supported the conservation efforts. In order to enhance the current efforts, a nature academy has to be established and it should be operated to provide knowledge on nature conservation in the MENA region. Curriculums have to be developed to be taught in the academy to raise the capacities and knowledge.

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

RSCN signed agreement with “Alfered Toepfer Akademie Fur Naturschutz” with support of Hanns Seidel Foundation to certify the courses in the same time RSCN is cooperating with Montana University to accredit Protected areas management curriculum.

EN

Other relevant website address or attached documents

[RSCN web site](#)

**By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented**

Rationale for the National Target

It is important to develop the status of faunal species especially with the existence knowledge on major groups of mammals, reptiles, amphibians and fresh-water fishes. Thus, red list shall be published in order to support decision making process and identify priority action for species conservation.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

The Royal Botanic Garden (RBG) collects field information about conservation status of native flora. A total of 1828 species were assessed and published in the first and second volumes, which represent 72% of target Jordanian flora. Data on conservation status were collected, analyzed and recommendation for better conservation and management were addressed.

EN

Other relevant website address or attached documents

[Royal Botanic Garden](#)

**By 2020, national strategies and action plans for genetic resources developed and implemented**

Rationale for the National Target

Despite the ratification of the Nagoya protocol on access to genetic resources and traditional knowledge associated with, but lack in knowledge exists among stakeholders. Therefore, a comprehensive review and assessment for the genetic resources have to be established to end up with action plans adopted nationally. Moreover, institutional and technical capacities of the relevant organizations shall be developed and adequate human and financial resources should be allocated. Regulatory framework have to be established where a bylaw for the conservation of genetic resources could be developed and adopted nationally.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values  
13. Agricultural biodiversity  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes  
The genetic diversity of cultivated plants is maintained  
The genetic diversity of farmed and domesticated animals is maintained  
The genetic diversity of socio-economically as well as culturally valuable species is maintained  
Strategies have been developed and implemented for minimizing genetic erosion and safeguarding genetic diversity  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

by law of Agr. Is being worked on according to the provisions of the International Treaty for PGRFA and revision of the law of MOE for addressing the grey areas

EN

between the international treaty and the Ngoya protocol  
promoting use and utilization of PGRFA conserved at the national genebank at NARC for the sake of adoption by the farmers and local and overseas researchers .

Other relevant website address or attached documents

[National Agriculture Research Center](#)  
[Jordan CHM](#)

## By 2020, national strategies and action plans for marine species at risk developed and implemented.

Rationale for the National Target

Very limited knowledge exists at Aqaba in means of major groups of species such as corals (soft and hard). In addition, the available knowledge about other groups such as fishes, algae and seagrasses are out-of-date and an update have to be performed. Therefore, it is critical to establish a checklist of species at Aqaba to publish the IUCN red list assessment. This will support conservation of threatened species and aid the decision making process.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

## Relevant documents and information

The RBG has a clear annual plan to prioritize the targeting of threatened species for preservation at the Seed Bank and in nursery propagation programs, in order to display them during the landscape work.

Publishing the two volumes which are: 1) Taifour, H and A. El-Oqlah. 2015. Jordan Plant Red List. Vol. 1. Royal Botanic Garden, Jordan, and 2) Taifour, H. 2017. Jordan Plant Red List. Vol. 2. Royal Botanic Garden, Jordan.

Jordan Plant Red List (volume 1&2) has been published, also it is available online on the website;

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Other relevant website address or attached documents

[Royal Botanic Garden](#)  
[IUCN](#)

## By 2020, national strategies and action plans for plant species at risk developed and implemented

Rationale for the National Target

Plants diversity is studied well in Jordan, but still lack in knowledge about the status of national plant exists. Therefore, it is necessary to publish the red list book of the flora of Jordan, and establish the plants conservation strategy. This will support the CBD implementation in Jordan, and will assist decision making process.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

9. Invasive Alien Species  
12. Preventing extinctions  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Pathways identified and prioritized  
Extinction of known threatened species has been prevented  
The conservation status of those species most in decline has been improved and sustained  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Starting from the recently developed national checklist of Jordanian flora, conservation prioritization was performed using eight prioritization criteria in a point scoring procedure. Jordanian species were ranked according to the results obtained and 100 species were identified as priorities for immediate conservation action. Gaps in ex situ and in situ conservation were identified at taxon and Eco geographic levels. Potential impact of climate change on species distribution was also used for prioritizing species for conservation and as a criterion for selecting populations for ex situ conservation. Priority species for ex situ conservation were those with Eco geographic gaps and those predicted to be most negatively affected by climate change.

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Other relevant website address or attached documents

[Royal Botanic Garden-Jordan](#)  
[Jordan CHM](#)

## By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Rationale for the National Target

National assessment of tourism impacts should be performed for all protected areas and their peripheries to understand the tourism impact on biodiversity and habitats. The assessment will help to develop tourism protocols and business plans for protected areas. Thus, this target was developed due to the importance of eco-tourism in supporting protected areas development.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values  
11. Protected areas  
19. Biodiversity knowledge

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes  
Protected areas are effectively and equitably managed  
Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### Relevant documents and information

Other relevant website address or attached documents

RSCN

## By 2020, traditional knowledge on biodiversity promoted and maintained

Rationale for the National Target

Traditional knowledge is vital for wellbeing and for sustainable development. The traditional knowledge system has been developed by the communities to conserve and utilize the biological diversity of their surroundings. Thus, a national assessment of traditional knowledge and a country report should be published. In addition, a research protocol for biodiversity traditional knowledge and documentation mechanism have to be developed and adopted at the national level.

EN

### Level of application



Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

18. Traditional knowledge

Sub-Aichi Targets or Target components

Traditional knowledge, innovations and practices of indigenous and local communities are respected  
Traditional knowledge, innovations and practices are fully integrated and reflected in implementation of the Convention

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems.

Rationale for the National Target

A comprehensive review is required for the environmental impact assessment and the strategic environmental assessment. Land use and sea use plans have to consider biodiversity within their context for a better conservation of ecosystems, landscapes and biodiversity.

EN

### Level of application

Jurisdiction

National / Federal

### Relevance of National Targets to Aichi Targets

Aichi Target components

2. Integration of biodiversity values

Sub-Aichi Targets or Target components

Biodiversity values integrated into national and local planning processes

## Relevant documents and information

Royal Society for Conservation Nature (RSCN), Ministry of Municipality Affairs, Ministry of Environment, Aqaba Spatial Economic Zone Authority (ASEZA).

EN

## By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

### Rationale for the National Target

Several databases were created by different entities in Jordan, and limited efforts were performed toward the Clearing House Mechanism (CHM) of the CBD. Therefore, the ministry of environment have to develop the CHM database and adopt this as the national database of Jordan. In addition, a comprehensive review is required for the environmental impact assessment and the strategic environmental assessment. Lastly, landuse and seause plans have to consider biodiversity within their context for a better conservation of ecosystems, landscapes and biodiversity.

EN

## Level of application

### Jurisdiction

National / Federal

## Relevance of National Targets to Aichi Targets

### Aichi Target components

1. Awareness of biodiversity values
2. Integration of biodiversity values
19. Biodiversity knowledge

### Sub-Aichi Targets or Target components

People are aware of the values of biodiversity  
Biodiversity values integrated into national and local planning processes  
Biodiversity values incorporated into national accounting, as appropriate  
Biodiversity values incorporated into reporting systems

Knowledge, the science base and technologies relating to biodiversity, its values, functioning, status and trends, and the consequences of its loss, are improved  
Biodiversity knowledge, the science base and technologies are widely shared and transferred and applied

### **Relevant documents and information**

Review of the EIA bylaw and produce a joint bylaw for EIA and Licensing.

An EIA group was established from NBC and represented in the National EIA committee, RSCN is a active member of licensing committee and EIA committee.

Preparation of periodic reports at the ministry .

The new draft bylaw includes specifically an article about SEA.

There is a future and agreed plans to conduct an advanced training in collaboration with GIZ

Through the Mainstreaming biodiversity conservation in tourism sector development in Jordan Project, a working group was established to how it is best to address SEA in environmental legislation in Jordan.

Biodiversity National Committee and through RSCN has developed and identified all key biodiversity areas and hotspots in Jordan in coordination with the Ministry of Environment and in consultation with all NBC members. The map was approved by the government and Birdlife International. The identification of the hotspot process was funded by the CEPF and Birdlife.

RSCN developed the environmental sensitivity map for Jordan in 2017 in collaboration with the Ministry of Environment. The environmental sensitivity map is currently used to support the decision of the Central Licensing Committee at the Ministry of Environment when issuing licenses for the different types of development projects. The map contains the boundaries of protected Areas, Protected Area buffer Zone, Special Conservation Areas SCA's and Core Important Bird Areas IBAs.

RSCN prepared a national online biodiversity database and management systems (BIMS) through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project. It will be linked to CHM.

The GEF -UNDP project, "Mainstreaming biodiversity conservation in the Tourism Sector Development in Jordan BITS" is implemented in three areas in Jordan; Jerash, Wadi Rum and Petra. RSCN as an executing partner, has provided support and advice to guide the selection of adequate buffer zones for the protected areas located in each of the project sites.

The buffer zone of Dibeen Forest reserve was conducted based on intensive surveys of the biodiversity values around the reserve, and took into consideration the connectivity of the forest corridors. The project also developed a land use plan for the

EN

revised buffer zone taking into consideration the environmental principles. RSCN also assisted in the selection of Wadi Rum protected area buffer zones taking into consideration the areas important for the key faunal species like the ibex. RSCN, through its biodiversity assessment in Petra, assisted in identifying areas of high biodiversity value and provided recommendations to include certain areas within the boundaries of the Petra proposed Nature Reserve. The BITS project involved developing environmentally oriented land use plans for the project sites.

(Internal Documents at RSCN and Ministry)

## Section II. Implementation measures, their effectiveness, and associated obstacles and scientific and technical needs to achieve national targets

Undertake a review of the existing strategy with regard to biodiversity components and develop strategic recommendations.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Ministry of Environment strategy has been reviewed twice (2015, 2017) where a specific target and indicators about biodiversity component have been included. In addition, the Nature Protection Directorate structure has been

EN

reviewed, where three divisions have been created within the ministry structure which are: i) biodiversity, ii) desertification and iii) water and marine.

National Target(s)

By 2016, the MoEnv strategy and its executive program are developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

This is based on the the achievement of the goals and the funds received from national budget.

However, the necessary human and financial resources were not allocated proportionally which resulted in the the measures being partially effective.

EN

Relevant websites, links, and files

[Ministry of Environment website](#)

[2019-2017 الخطة الاستراتيجية لوزارة البيئة.pdf](#) (Ministry of Environment Strategy 2017-2019)

Other relevant information

The Ministry of Environment has reviewed good regional and globe case studies with respect to the institutional structure, and has adopted the model that fits the national context.

EN

Obstacles and scientific and technical needs related to the measure taken

The overlapping in the existence legislation and mandate of biodiversity entities/ departments at the various institutions, in addition to the high turn-over at the policy makers level.

EN

Endorse the recommendations by the Minister in an action plan form.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The endorsement of the recommendations has taken to some extent into account in the scope, targets and indicators of the NBSAP.

EN

National Target(s)

By 2016, the MoEnv strategy and its executive program are developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The turn-over rate at the Ministry of Environment is relatively high which hinder the integration between the different strategies and action plans. In addition to the economic situation in Jordan and its effects on national priorities.

EN

Relevant websites, links, and files

[Strategy of the Ministry of Environment](#)

Obstacles and scientific and technical needs related to the measure taken

Limited financial and technical support to perform an integration between the different strategies and action plans in relation to biodiversity

EN

Set up a periodic performance assessment of MoEnv with regard to biodiversity targets.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The National Biodiversity Committee is meeting on a monthly base to assess the progress made with regards to biodiversity conservation and NBSAP (the meetings are minuted).

EN

National Target(s)

By 2016, the MoEnv strategy and its executive program are developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The meeting is held on a regular base, and all members of the national Biodiversity Committee are attending. In addition, a clear Minutes of Meeting is developed, signed and distributed to all members

EN

Other relevant information

Engagement of the National Biodiversity Committee in validating and reviewing

EN

the progress made in the NBSAP is supporting the continuous updates on biodiversity status. In addition, the meeting held are tools to advocate for various issues which might affect biodiversity in Jordan, and to inform the decision makers including the ministry of environment on the status and challenges. The NBC has been adopted as a steering committee for the NBSAP review/ sixth national report project.

Obstacles and scientific and technical needs related to the measure taken

The NBC is not institutionalized within the Ministry of Environment structure.  
Idecisions

EN

### Undertake a review of all relevant secotral strategies.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The strategy has insured a good level of integration and synergies between different sectoral strategies such as the Jordanian Climate Change policy.

EN

National Target(s)

By 2016, the MoEnv strategy and its executive program are developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Changes in national priorities which require continues update in the sectoral strategies

EN

Other relevant information

Identifying of different stakeholders assisted in the formulation of the NBC

EN

Obstacles and scientific and technical needs related to the measure taken

Political views and the continues change in employees and expertise.

EN

Define a MoEnv focal point for each sector and adopt a set of biodiversity objectives and engagement action plans.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Ministry of Environment has a clear governance and set focal points to follow the ratified multilateral environmental conventions and different strategies and action plans developed by the ministry.

EN

National Target(s)

By 2016, the MoEnv strategy and its executive program are developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The Ministry of Environment has a clear governance and set focal points to follow the ratified multilateral environmental conventions and different strategies and action plans developed by the ministry.

EN

Other relevant information

The existence of the Nature Protection directorate at the ministry of environment has supported the nomination of a focal point to the CBD who is following the updates and implementation of the NBSAP

EN

Obstacles and scientific and technical needs related to the measure taken

Limited directorate capacity both financially and technically.

EN

Review the new MoEnv structure and NBC regulations and prepare a set of recommendations to be endorsed by the Minister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The structure of the ministry of environment is established and updated periodically

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance



mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The ministry of environment structure has been endorsed by the cabinet, however the NBC structure and TOR has been reviewed but still not endorsed.

EN

Obstacles and scientific and technical needs related to the measure taken

The committee lacks the institutionalization within the ministry, however the TOR of the committee is being discussed nowadays as part of the development of the nature protection bylaw.

EN

## Conduct regular NBC action plans on priority issues.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The NBC regularly review the targets of the NBSAP for each partner entity involved and provide inputs on priority issues.

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The NBC is meeting on a monthly base to review all updates and progress made and reflect accordingly

EN

Other relevant information

The continuous meetings held provided a great support to the implementation of the NBSAP

EN

Obstacles and scientific and technical needs related to the measure taken

Financial resources and allocations as well as enforcing the decisions at the policy makers level

EN

Establish a secretariat for NBC at the MoEnv.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

The NBC nominated a secretariat from the Nature Protection Directorate at the Ministry of Environment to follow-up the meetings and ensure a well-documentation of all decisions and minutes of meetings.

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The secretariat attend all meeting of the NBC, and a well-documentation and distribution of the minutes of meeting is being conducted.

EN

Other relevant information

The well documentation of all decisions made by the NBC is accessible to the committee and supported the review process of the NBSAP. In addition, the secretariat ensure the flow of information among committee members, and communicate the decisions made to the relevant parties including decision makers

EN

Obstacles and scientific and technical needs related to the measure taken

Follow-up on the committee work is an extra load on the secretariat staff member at the Nature Protection Directorate. Also, the lack of specific budget to support the committee work add more challenges to the work documentation and follow-up

EN

Nominate an NBC representative for every priority sector, issue, program concerning biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The NBC is composed of various entities and different expertise which supported the nomination of representatives to follow-up the various decisions and issues related to biodiversity in Jordan.

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The administrative arrangement might affect the representative availability and thus the follow-up

EN

Other relevant information

The NBC is the focal entity to review the NBSAP, thus all representatives nominated will support the review and update the progress made on activities implementation.

EN

Obstacles and scientific and technical needs related to the measure taken

Technical and financial allocations, and the turn-over in membership which affect the follow-up assigned to different representatives

EN

Undertake periodic performance review of NBC.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The NBC is working according to a clear to a clear TOR and governance structure which has to be reviewed on an annual base

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance

mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been ineffective

tools or methodology used for the assessment of effectiveness above

No performance evaluation has been conducted to the NBC

EN

Other relevant information

Since the mandate of the NBC is to follow-up the progress made in implementing the NBSAP, then any review to the performance will aid to implement the NBSAP more efficiently

EN

Obstacles and scientific and technical needs related to the measure taken

No planning has been made so far at the NBC to initiate the process of allocating the necessary financial resources and developing the TOR for a third party to perform the performance review

EN

### Prepare a strategic business plan for the NBC including a sustainable financing model.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

In order to ensure financial stability and sustainability for the NBC, a strategic business plan has to be established. Therefore, the NBC should create a detailed TOR and allocate the necessary financial resources through fundraising to contract third party to perform the strategy.

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been ineffective

tools or methodology used for the assessment of effectiveness above

Funding opportunities are not well-explored by the NBC to initiate the strategy development. also, the committee is formulated from technical expertise in biodiversity conservation, thus a business expert is needed to create the necessary TORs

EN

Other relevant information

Business models and strategies are a tool for effective implementation of different measures and actions and better demonstrations

EN

Obstacles and scientific and technical needs related to the measure taken

The limited financial resources and relevant expertise

EN

Adopt the business plan by the Minister including annual budget allocations.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Biodiversity finance or what so called BIOFIN has been introduced by the Ministry of Environment through UNDP to the NBC in Jordan. The BIOFIN is the practice of raising and managing capital and using financial incentives to support sustainable biodiversity management. It includes private and public financial resources used to conserve biodiversity, investments in commercial activities that produce positive biodiversity outcomes and the value of the transactions in biodiversity-related markets such as habitat banking.

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The initiative is still in its early stages

EN

Relevant websites, links, and files

[BIOFIN website](#)

Other relevant information

The CBD has supported the calculation of the global need for financial resources to fulfil the 2020 strategic plan. The analysis, conducted by the High-Level Panel on the Global Assessment of Resources for Implementing the Strategic Plan for Biodiversity 2011-2020, was based on the 20 Aichi Biodiversity Targets (adopted in 2010) and pointed the way to identifying financing gaps and ultimately mobilizing finance. The top down costing exercises were conducted at global and national levels and estimated the global financing needs for achieving the CBD Strategic Plan at between U\$S150-440 billion per year by 2020. This implies investment requirements ranging from 0.08 to 0.25 per cent of global GDP. The need for more accurate assessments through a bottom up approach of biodiversity finance flows, was one of the reasons why BIOFIN was developed.

EN

Obstacles and scientific and technical needs related to the measure taken

The adoption and acceptance of BIOFIN in Jordan especially that it is considered as a new initiative and more details and information should be provided to partners ahead

EN

Set up an NBC working group to lobby the parliament and follow up on the law developments and endorsement.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A lobby from NBC was done and it was very active, the new environmental law include specific articles about conserve biodiversity.

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

the assess for these action the result in new environmental law.

EN

Other relevant website address or attached documents

[Ministry of Environment website](#)  
قانون حماية البيئة رقم 6 لسنة 2017.pdf

## Undertake periodic monitoring of allocated budget.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The monitoring for local budget done periodic through Finance directorate in ministry of environment.

EN

National Target(s)

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The management for local budget done through Finance Directorate and Ministry of finance to insure the budget spend in correct way.

EN

## Adopt recommendations by the Minister and incorporate into the new law.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The NBC discussed the new environmental law, and provided their input to the Minister who have incorporated all within the text of the law. However, some articles proposed where not considered by the legislative mechanism but others were passed

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Review of the law articles

EN

Obstacles and scientific and technical needs related to the measure taken

The endorsement of all comments sent by the NBC by Parliament members

EN

was the major challenge

Set up a technical and legal working group to prepare the bylaw.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Nature protection Bylaw process has been initiated after a support provided by the GIZ, where a stakeholder engagement workshop was conducted to collect feedback and comments regarding four main topics which are 1) governance of the bylaw, 2) in situ conservation, 3) ex-situ conservation and handling multilateral conventions and threats on nature. The bylaw is not yet finalized but it went through an extensive consultation process

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Review laws, bylaws and regulations available at national and international levels

EN

Other relevant information

The development of the nature protection bylaw will support the NBC in obtaining a legal base which will enable them from advocating to biodiversity issues

EN

Obstacles and scientific and technical needs related to the measure taken

timeframe available, and the topics which should be handled within the bylaw text. In addition, the various laws and bylaws in Jordan which are available and have intersections with the topics that should be provided in the bylaw

EN

Establish an NBC working group to follow up the bylaw endorsement by the government.



Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The bylaw is still in the development phase, but the NBC secretariat (MOE representatives) are following the development process day by day

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Revision of comments and notes which were received and the legal experts notes and comments

EN

Review all bilateral agreements on the enforcement of the bylaw.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The bylaw is in the development phase in the time of writing this report

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

Undertake regular monitoring of the bylaw related performance.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The bylaw is the development process in the time of writing this document

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Undertake a comparative review of relevant international best practices on institutional frameworks.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This activity was not tackled yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

Prepare the Directorate vision, objectives, goals and action plan.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The vision and mission of the directorate of nature conservation was not developed yet, since it follows the MOE vision and mission where the ministry vision, goals and action plan were developed after a consultation process with key stakeholders and it was published online. The vision is "A distinguished ministry in protecting the components of the environment and sustaining them for a better life", and the ministry mission is conserving the environment and its ecosystems through developing legal, strategic and policy frameworks in addition to spreading environmental culture and enhancing environmental monitoring and law enforcement and transition to a green economy within a participatory approach and a supporting institutional structure to contribute to achieving sustainable development

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National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

SWOT analysis, stakeholders analysis and logical framework analysis

EN

Other relevant information

The vision of the Ministry of Environment has evolved with a focus on the institutional dimension by an emphasis towards establishing a distinguished ministry that has the means of institutional structure that is based on comprehensive excellence standards. The mission expressed the purpose and reasons for the ministry existence which includes the protection of the environment with its various components, ecosystems and biological systems and conserving their diversity.

EN

Obstacles and scientific and technical needs related to the measure taken

no major obstacles were reported

EN

### Prepare the Directorate structure.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The directorate of nature conservation at the MOE was developed where three sections were approved and these are: 1) biodiversity conservation, 2) desertification and 3) marine and water sections. The mandate and responsibilities of each section were developed

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

No tools for measuring the effectiveness were developed yet

EN

Obstacles and scientific and technical needs related to the measure taken

resources including technical and financial and the limited number of staff

EN

### Prepare an operational manual for the Directorate.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

### Undertake period reviews of the Directorate performance involving NBC.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

procure needed human resources.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This is not implemented yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

Obstacles and scientific and technical needs related to the measure taken

Budget challenges and the existence of financial resources

EN

Implement a human resource training program.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Several training programs were provided to the directorate staff members at the national and international levels where a training was provided on ecosystem services, CHM issues, Nagoya protocol, biodiversity conservation...etc

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

post training monitoring and evaluation

EN

Obstacles and scientific and technical needs related to the measure taken

no major obstacles were witnessed

EN

### Undertake periodic monitoring of staff performance.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A yearly evaluation for each members at the directorate is conducted which provide strength and weakness points

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Yearly performance evaluation

EN

Obstacles and scientific and technical needs related to the measure taken

Allocate budget to build the capacities based on the performance results

EN

### prepare the Directorate business plan based on a five-year budget.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

prepare the program portfolio for the Directorate in the form of internal and external proposals.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

secure core program funding from MoEnv and national and international partners.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet. However, the directorate is working as a focal point with several funding entities and implement projects as an implementing entity

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

establish a permanent NBC led working group on biodiversity monitoring.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

the NBC is monitoring the biodiversity conservation progress on a monthly base where a review by each member is performed. Also, invitations to other people and entities working with biodiversity conservation is also conducted

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Periodic review of decisions and progress made in nature conservation

EN

Obstacles and scientific and technical needs related to the measure taken

The position of the NBC efforts in decision making process

EN

prepare annual biodiversity reports and response action plans.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet

EN

National Target(s)

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

prepare unit TORs and endorse by Mminister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan



This was not implemented yet

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

recruit/assign and train core unit staff.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This was not implemented yet

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

produce periodic NBSAP monitoring reports.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Although periodic meetings are conducted, but still no monitoring reports were developed

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

Obstacles and scientific and technical needs related to the measure taken

human resources availability is the major obstacle

EN

### prepare CBD reports' TORs.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The decision take from NBC to have ToRs for reports depend on guideline from SCBD and type of report.

The 6 CBD report has been prepared with an extensive participation and consultations with all concerned stakeholders. At the onset of the preparation exercise, the project team in coordination with the CBD focal point has set a plan for stakeholder engagement. The project has been initiated with an inception workshop that brought together a wide range of stakeholders and partners, and has actually provided an excellent opportunity to conduct a mini analysis for stakeholders so as to ensure that all are been listed for consultations.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

For example, the team for 6 National report depend on guide line from SCBD and content of report.

EN

### secure reports funding nationally/ internationally.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The preparing of report need fund so the nature protection directorate response to search fund for report internally or internationally.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

all reports for SCBD was done and submitted on time.

EN

Other relevant information

The Jordan profile at SCBD web page and Jordan CHM have all national reports.

EN

Other relevant website address or attached documents

[JOCHM](#)

Obstacles and scientific and technical needs related to the measure taken

Some time facing delaying of fund which make stress on team in finishing report quickly to submit on time.

EN

establish NBC working groups for each report.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

That depend on report and topics in report, NBC response to prepare reports and submit it on time.

The stakeholder engagement plan has started first with an in depth engagement of the CBD National Committee where around 15 institutions are represented. The committee has been assigned the an advisory role as well as “quality assurance” role, so the early drafts have been presented and discussed in a number of meetings.

In addition to MoEnv (the CBD focal point), there were different ministries that have been engaged in the report preparation and its associated activities e.g. (some are represented in the CBD national committee but we intended to work with different concerned entities within these ministries) Ministry of Agriculture (Dept. of forestry, Dept. Rangelands), Ministry of Water and Irrigation (Aquatic ecosystems/dams related ) and Ministry of Energy (wind

EN

farming/mining related). Other institutions consulted and engaged are the Aqaba Special Economic Zone Authority (in charge of marine ecosystems and Wadi Rum PA), Petra Development Tourism Region Authority (in charge of the newly nominated Petra PA).

The engagement has also covered the NGOs sector in Jordan which an active and contributing to nature conservation in different means, examples of NGOs that have been engaged were the royal Society for the Conservation of Nature, Jordan Royal Marine Conservation Society and the Royal Botanical Gardens. These NGOs were of great benefits at one end providing important data and information and offering support in organizing several workshops.

The engagement of stakeholder plan has taken into account working with those who are not only in Amman, the capital, but further to have consultations in different governorates so as to give chance to the “decentralized” entities to learn on BD and the process of the development of national reports as well as to collect information on any relevant initiatives by CBOs and local communities.

An important engagement and more focused work have been made with academia and research institutions given of course the knowledge and expertise they have as well as the big amount of research on biodiversity usually conducted by these institutions. A considerable mount of data on the state of biodiversity has been obtained through the research institutions.

The stakeholders engagement plan included the coordination with relevant projects in particular other GEF projects in order to benefit from any input and to ensure synergies. Coordination has been also made extensively with other development agencies whom have also relevant interventions e.g. GIZ/the Ecosystem services project. Moreover, a good coordination has been also made with other UN agencies with relevant mandate e.g. FAO whom are implementing a number of interventions on forest management and rangelands/land degradation.

Finally, and may be for the first time, the consultations with a number of representatives of private sector mainly tourism have been also of benefit to inform the development of the report.

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

implement a national stakeholders' engagement process for each report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The formulation of NBC represent all stockholders and all of them share in consultation of reports, and reviewing of reports done through NBC.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

It is very active because all reports cover all activities and submitted on time

EN

submit report within global deadlines.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

All reports ( 5 national reports ) submitted on time as SCBD asked.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The action mensioned to submitted reports on time and the six national reports will send on time .

EN

Obstacles and scientific and technical needs related to the measure taken

Delaying of financial support make stress and work hard to send reports on time .

EN

establish an NBC working group on NBSAP review.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

NBC response to review the NBSAP and work in preparing it, so when updating of NBSAP start the sub group from NBC will start work and make the time frime and main topics of updating.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

As NBC contain all stockholders all information for updating will be available and when start updating will use Jordan CHM as source of information.

EN

Obstacles and scientific and technical needs related to the measure taken

Delay of financial support

EN

establish an NBC working group on NBSAP review.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

That depend on ToRs for NBSAP team, but the process is review chapter by chapter from all members and send comments for consultant or team whom work on updating.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

to have measurable and active NBSAP implement from all stockholders that is effective.

EN

Other relevant information

<http://jo.chm-cbd.net/implementation/cbd-implementation>

EN

Other relevant website address or attached documents

<http://jo.chm-cbd.net/implementation/cbd-implementation>

implement a national consultation process for NBSAP review.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The consultation process done all time through holding workshops and meetings in both stages(preparing and reviewing).

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Have active and measurable actions in NBSAP as all stockholders have in them activity.

EN

secure funding for review and recruit experts.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started, will start prepare it next year.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted

nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Talk about it internally and will make a plan to have have it by 2020.

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support.

EN

prepare the new NBSAP, endorse nationally.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

These action will be in 2020, but NBC will start to put headlines next year and it depend on financial support.

EN

National Target(s)

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Through participate in COP 14 and discuss post 2020, will work as decision from COP and SABSTTA.

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

establish a program database for priority projects involving all key stakeholders (including donors and executing agencies)



Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet, capacity building and financial support main challenges

EN

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not implement, can't assess.

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building and financial support.

EN

undertake regular projects financing progress monitoring.

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

undertake regular updates of the program portfolio.

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

develop a program portfolio financing strategy and endorse by minister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Difficult regional situatin and refreguess issue make presure on local buget and change concerns to other sectors to can cover the gaps on buget so these measures not implementm.

EN

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Financial support and regional crisis.

EN

implement pilot financing tools on innovative sources such as PES, Offsets, green funds, and climate change funds.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet implement for many challenges faced one of it capacity building and lack of human resource.

EN

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Capacity building and lacke of humana resource in addition financial support.

EN

prepare a proposal for the increase of national budget allocation, endorse by the minister

and lobby the government for approval.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Capacity building and proposal writing the reasons to not implement these action.

EN

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Capacity building, financial support and spacial traing in writing proposal

EN

Undertake national stakeholders' consultation process and compile recommendations.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

NBC make specific consultation process and discuss the challgens need to cover in new law and make analysis for gaps in previous law.

EN

National Target(s)

By 2017, the new environment protection law is endorsed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

implement a targeted capacity building program for MoEnv on sustainable and green financing mechanisms.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started. lack of human resource and capacity building in writing

EN

proposal main challenges.

National Target(s)

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

lack of human resource and capacity building in writing proposal , financial support.

EN

prepare an appeal proposal for the Royal Hashemite Court.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

present NBSAP to His Majesty's office.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

present NBSAP to His Majesty's office.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

secure royal patronage/support for NBSAP endorsement.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

submit the updated NBSAP to the Cabinet through the Minister.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

present the NBSAP to the Prime Minister's office.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

secure official endorsement of updated NBSAP by the Cabinet.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

establish an NBC communication group to lobby the Parliament.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

present the updated NBSAP to the concerned committee at Parliament.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

secure a support letter for the updated NBSAP from the Parliament.

National Target(s)

By 2015, a national awareness program for the NBSAP is developed and operational.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

review the existing sector and institutional strategies documents and submit recommendations to MoTA.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The assessment helped to develop a strategy to integrate biodiversity conservation within tourism sector.

EN

National Target(s)

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The assessment used available reports in the MoTA and Tourism Sector Development in Jordan (BITS) Project.

EN

Other relevant information

The progress and lessons learned are documented by Tourism Sector Development in Jordan (BITS) Project

EN

Obstacles and scientific and technical needs related to the measure taken

MoTA team need capacity building program based on a comprehensive training needs assessment. In addition, the Aqaba strategy for tourism which was developed by USAID BEST project over the years of 2010-2015, has to be reviewed and updated to ensure mainstreaming biodiversity conservation within

EN

establish an NBC focal point/working group for tourism.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Director of Biodiversity Conservation Department at MoEnv. Was the focal point for the Tourism Sector Development in Jordan (BITS) Project so he was involved in all meetings and capacity building programs related to this subject.

EN

National Target(s)

By 2016, a sustainable national tourism strategy is finalized, adopted and

implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The assessment used available reports and minutes of meetings at Tourism Sector Development in Jordan (BITS) Project.

EN

Other relevant information

The progress and lessons learned are documented by Tourism Sector Development in Jordan (BITS) Project

EN

Obstacles and scientific and technical needs related to the measure taken

There has been no major obstacles, however there is a need to design and implement a comprehensive capacity building program based on training needs assessment for the MoEnv. focal point and committee members.

EN

prepare an annual strategic report on tourism and biodiversity to support MoTA decisions and inform its policies.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project prepared series of reports and presented in national workshops for decisions makers. The annual strategic report will direct tourism development to become biodiversity friendly. In addition, several reports were developed and they will support to direct tourism development including 1) Biodiversity-Friendly Tourism Charter (2016). This was developed through the UNDP project "Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS)" with an effective participation of various stakeholders including JREDS, 2) Aqaba Ecotourism Development Plan (2014). This was prepared by ASEZA through USAID BEST project, 3) National Green Growth Plan. It was developed by the Global Green Growth Institute through the Ministry of Environment 4) ICT Tools for Sustainable Tourism Management, 2015. It was developed by an EU CBC MED project implemented by JREDS, 5) Gender and Cultural Heritage Report, 2015, It was developed by an EU CBC MED project implemented by JREDS 6) Divers Guide for Aqaba's Dive Sites (JREDS). It was developed by GIZ PROTEB project implemented by

EN



JREDS, 7) National Criteria's of Desert Eco-camps (JREDS). It was developed by an USAID PAP project implemented by JREDS website <http://www.jreds.org/en-us/Media-Room/Publications>.

National Target(s)

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The assessment used available reports and minutes of meetings at Tourism Sector Development in Jordan (BITS) Project.

EN

Other relevant information

The progress and lessons learned are documented by Tourism Sector Development in Jordan (BITS) Project

EN

Obstacles and scientific and technical needs related to the measure taken

There is no specialized team at MoTA to prepare an annual strategic report on tourism and biodiversity. There is a need to build the capacity of MoTA team to prepare the report on a regular basis and derived recommendations and sent it to key decision makers.

EN

provide technical advice to MoTA on the new green unit development and capacity building.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The establishment of the Green Unit at MoTA, as well as a green unit at ASEZA will influence development in a way to integrate biodiversity conservation in the development plans. In addition, several efforts are performed in Jordan, which will contribute to integrate biodiversity conservation such as the international eco-labelling programs which are implemented in different localities in Jordan by JREDS and these are the Green Key, Blue Flag, and desert eco-camps.

EN

National Target(s)

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The assessment used available reports and minutes of meetings at Tourism Sector Development in Jordan (BITS) Project and the Green Growth plan. In addition, JREDS is maintaining assessment of the international eco-certification programs it implement in Jordan.

EN

Other relevant information

The progress and lessons learned are documented by Tourism Sector Development in Jordan (BITS) Project and the Green Growth plan.

EN

Obstacles and scientific and technical needs related to the measure taken

There has been major milestone by establishing a green unit at MoTA, however there is a need for an intensive capacity building program for the Green Unit based on training needs assessment. Major obstacles toward the implementation of the international eco-certification programs by JREDS are basically financial and human resources

EN

provide technical advice on the green aspects of the tourism activities certification and licensing regulations.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Key stakeholders are playing important role in advising the Ministry of Environment in the development of the NGGP. There is also cooperation between MoTA and different stakeholders in the development of the green tourism program. The establishment of the Green Unit at MoTA will influence development of tourism certification and licensing system.

EN

National Target(s)

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The assessment used available reports and minutes of meetings at Tourism Sector Development in Jordan (BITS) Project and the Green Growth plan.

EN

Other relevant information

The progress and lessons learned are documented by Tourism Sector Development in Jordan (BITS) Project and the Green Growth plan.

EN

Obstacles and scientific and technical needs related to the measure taken

There is no mechanism to provide technical support for tourism certification. There is a need to develop mechanism for support and intensive capacity building program for the Green Unit based on training needs assessment.

EN

undertake a review of the EIA bylaw, prepare a strategic report and endorse by the Minister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The review of the EIA will play an important role in reviewing the impact of development projects on biodiversity, however the recommendations haven't been approved by the government yet.

The national target didn't added to national targets list.

**"By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems."**

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The assessment used consultant reports and minutes of discussion meetings at Tourism Sector Development in Jordan (BITS) Project with stakeholders.

EN

Other relevant information

The progress and lessons learned are documented by Tourism Sector

EN

Development in Jordan (BITS) Project and the Green Growth plan.

Obstacles and scientific and technical needs related to the measure taken

A new environmental law has been approved and a new EIA bylaw has been proposed. There is a need to follow up approval of the government for the recommendations of the review process.

EN

establish an EIA working group from NBC.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

An EIA group was established from NBC and represented in the National EIA committee, RSCN is a active member of licensing committee and EIA committee. The EIA NBC groups will play an important role in reviewing the impact of development projects on biodiversity.

The national target didn't added to national targets list.

**"By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems."**

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

minutes of meeting of NBC and minutes of meeting of EIA committee

EN

Other relevant information

minutes of the EIA committee shows the contribution of the NBC groups in the review process.

EN

Obstacles and scientific and technical needs related to the measure taken

There is no dedicated members of NBC for EIA, however RSCN's representative

EN

is a member of the EIA and licensing committee. She reviews biodiversity parts of EIA reports. There is a need to build the capacity of the NBC committees in the EIA process.

prepare periodic EIA fact sheets on the bylaw implementation and enforcement.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Preparation of periodic reports at the ministry

Prepare a periodic report at RSCN.

The new draft bylaw allows the Ministry of Environment to publish fact sheets and periodic report for public. This action will be effective after the approval of the new EIA bylaw.

The national target didn't added to national targets list.

**"By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems."**

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

not ready yet.

EN

Other relevant information

early to judge

EN

Obstacles and scientific and technical needs related to the measure taken

After approval of the new EIA by law, a standard sheet for EIA form need to be developed combined with a comprehensive capacity building program.

EN

review the existing/draft EIA bylaw and propose SEA specific articles.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The new draft bylaw includes specifically an article about SEA Through the Mainstreaming biodiversity conservation in tourism sector development in Jordan Project, a working group was established to how it is best to address SEA in environmental legislation in Jordan This action will be effective after the approval of the new EIA bylaw.

EN

The national target didn't added to national targets list.

**"By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems."**

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

not ready yet

EN

Other relevant information

early to judge

EN

Obstacles and scientific and technical needs related to the measure taken

A new environmental law has been approved and a new EIA bylaw has been proposed. There is specific articles related to SEA in the proposed bylaw. There is a need to follow up approval of the government for the recommendations of the review process. After approval of the new EIA by law, a comprehensive capacity building program is needed.

EN

implement an advanced training program for MoEnv on SEAs and their application for biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

There is a future and agreed plans to conduct an advanced training in collaboration with GIZ  
Through the Mainstreaming biodiversity conservation in tourism sector development in Jordan Project, a working group was established to how it is best to address SEA in environmental legislation in Jordan It will be assessed after completion

EN

The national target didn't added to national targets list.

**"By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems."**

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

not ready yet

EN

Other relevant information

early to judge

EN

Obstacles and scientific and technical needs related to the measure taken

It will be important to channels training program to relevant staff of the Ministry of Environment.

EN

implement a set of pilot studies on SEAs application with focus on biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet, but there is attempts to develop a SEA for tourism development to inform biodiversity considerations in land-use planning - defining spatial areas

EN

where development should be avoided; where it may be permitted subject to management controls, and mitigation and offset requirements It will be assessed after completion.

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

not ready yet

EN

Other relevant information

early to judge

EN

Obstacles and scientific and technical needs related to the measure taken

There is an attempt to carry out SEA in biodiversity and renewable energy sector, It will be a new challenge for MoEnv. As it will be done for the first time.

EN

establish an NBC working group on the database for biodiversity hotspots and endorse by the Minister and the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Biodiversity National Committee and through RSCN has developed and identified all key biodiversity areas and hotspots in Jordan in coordination with the Ministry of Environment and in consultation with all NBC members. The map was approved by the government and Birdlife International. The identification of the hotspot process was funded by the CEPF and Birdlife. The databased has been effective in identifying biodiversity hotspots through Jordan.

EN

National Target(s)



By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

reviewing the electronic database

EN

Other relevant information

The integration of birds conservation into the renewable energy development project is successful case study.

EN

Obstacles and scientific and technical needs related to the measure taken

the NBC has been involved in the development of Jordan biodiversity hotspots map under CEPF program, committee members also have been involved in the development of CHM. There is a needs to more specialized professionals in biodiversity conservation and CHM management.

EN

disseminate the biodiversity sensitivity map with government and private sector stakeholders as part of the national CHM program.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN developed the environmental sensitivity map for Jordan in 2017 in collaboration with the Ministry of Environment. The environmental sensitivity map is currently used to support the decision of the Central Licensing Committee at the Ministry of Environment when issuing licenses for the different types of development projects. The map contains the boundaries of protected Areas, Protected Area buffer Zone, Special Conservation Areas SCA's and Core Important Bird Areas IBAs. The distribution of the map and a follow up has been effective in mainstreaming biodiversity conservation with national plans.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

reviewing EIA committee minutes of meetings

EN

Other relevant information

Follow up from environmental NGOs with advocacy programs is important to support the process

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need to follow up development mechanism in order to make sure that development projects are influenced by results of the map. There is a need to build capacity of environmental NGOs in advocacy programs.

EN

undertake periodic update of the database.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN prepared a national online biodiversity database and management systems (BIMS) through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project. It will be linked to CHM The databased has been effective in identifying biodiversity hotspots through Jordan.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

reviewing EIA committee minutes of meetings and database website.

EN

Other relevant information

The integration of birds conservation into the renewable energy development projects is successful case study.

EN

Obstacles and scientific and technical needs related to the measure taken

Jordan needs more specialized professionals in biodiversity conservation and bird studies. EN

undertake a review for key national and sub-national land-use and master plans, and produce a strategic report.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

The buffer zone of Dibben Forest reserve was conducted based on intensive surveys of the biodiversity values around the reserve, and took into consideration the connectivity of the forest corridors. The project also developed a land use plan for the revised buffer zone taking into consideration the environmental principles. RSCN also assisted in the selection of Wadi Rum protected area buffer zones taking into consideration the areas important for the key faunal species like the ibex. RSCN, through its biodiversity assessment in Petra, assisted in identifying areas of high biodiversity value and provided recommendations to include certain areas within the boundaries of the Petra proposed Nature Reserve. The BITS project involved developing environmentally oriented land use plans for the project sites. The development of master plans around protected areas helped in integrating biodiversity into the national land use planning system. EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

reviewing national land use planning system EN

Other relevant information

The case study of Dibben is very successful case study to be replicated. EN

Obstacles and scientific and technical needs related to the measure taken

The replication process requires detail evaluation of Dibben case study further capacity building programs

EN

establish a land use planning working group from the NBC.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The NBC working groups helped in developing pilot actions to integration biodiversity conservation into national land use plans.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The selection process was based on minutes of meetings.

EN

Other relevant information

The case study of Dibben is very successful case study to be replicated.

EN

Obstacles and scientific and technical needs related to the measure taken

The implementation of these actions require further capacity building programs.

EN

undertake dialogue and discussions with relevant authorities on biodiversity related standards, regulations, and specifications.

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Other relevant information

not yet.

EN

Obstacles and scientific and technical needs related to the measure taken

The implementation of these actions require special capacity building programs

EN

implement a set of pilot initiatives on biodiversity sensitive land use planning.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

The buffer zone of Dibben Forest reserve was conducted based on intensive surveys of the biodiversity values around the reserve, and took into consideration the connectivity of the forest corridors. The project also developed a land use plan for the revised buffer zone taking into consideration the environmental principles. RSCN also assisted in the selection if Wadi Rum protected area buffer zones taking into consideration the areas important for the key faunal species like the ibex. RSCN, through its biodiversity assessment in Petra, assisted in identify areas of high biodiversity value and provided recommendations to include certain areas within the boundaries of the Petra proposed Nature Reserve. The BITS project involved developing environmentally oriented land use plans for the project sites. The development of master plans around protected areas helped in integrating biodiversity into the national land use planning system.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

reviewing national land use planning system.

EN

Other relevant information

The case study of Dibben is very successful case study to be replicated.

EN

Obstacles and scientific and technical needs related to the measure taken

The replication process requires detail evaluation of Dibben case study further capacity building programs

EN

prepare a set of case studies on successes and failures in biodiversity and land use planning.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Modification of Mujib Reserve Buffer Zone based on the findings of the CEPF project. The map also included all designated SCAs. The IBA boundaries were reviewed (for the purpose of the licensing), only the IBA’s or parts of the IBA’s where development activities should be prohibited or strictly controlled were included in the Environmental Sensitivity map. The action has been taken influenced how the Mujib Biosphere reserve is managed which is a corner stone in BSAP

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The assessment has been based on the impact of different activities on biodiversity in Jordan.

EN

Other relevant information

Case study is documented in the management plan of the Mujib Biosphere Reserve.

EN

Obstacles and scientific and technical needs related to the measure taken

Results of the case study of the Mujib Biosphere Reserve needs to replicated in other areas.

EN

implement a screening study on priority projects with biodiversity implications, prepare a strategic report, and endorse by the Minister

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Some report were prepared by the NBC and its members such status of forest in Jordan, Coastal area in Aqaba Actions have been taken haven't been effective unless national organization would adopt results of these studies.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

selection has been based on reviewing minutes of meetings of NBC and working group.

EN

Other relevant information

case study of important subjects documented in NBC minutes of meeting.

EN

Obstacles and scientific and technical needs related to the measure taken

Need capacity building to document case studies and undertake advocacy programs.

EN

implement an advocacy campaign on impacts of strategic projects on biodiversity hotspots

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Some campaigns were implemented on issues related to forest conservation, tree cutting issues, wood cutting, week EIA for development projects The measures taken played important role in conservation of biodiversity.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the selection has been based on documentation of campaigns by relevant environmental organizations. EN

Other relevant information

RSCN has documented several case studies in this aspect EN

Obstacles and scientific and technical needs related to the measure taken

Need capacity building to carry out biodiversity implication report. needs capacity building in case studies documentation and carry our advocacy programs. EN

provide technical advice to relevant authorities on alternative biodiversity-sensitive approaches for development projects.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Some advices were provided on ad hoc basses on issues related to forest conservation, tree cutting issues, wood cutting, and EIA for development projects . The measures taken played important role in conservation of biodiversity. EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The selection has been based on documentation of campaigns by relevant organizations. EN

Other relevant information



RSCN has documented case studies in this aspect.

EN

Obstacles and scientific and technical needs related to the measure taken

Need capacity building programs to be directed to building partnership with development agencies and carrying out advocacy programs.

EN

prepare and disseminate a guidelines manual on biodiversity integration for strategic development projects.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

New guidelines were prepared for Renewable Energy project such as wind farms and solar energy. The guidelines is still draft and under review by the government. The measures taken played important role in integration of conservation of biodiversity specially birds within renewable energy.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Selection has been based on reviewing national biodiversity reports.

EN

Other relevant information

RSCN has documented case studies in this aspect.

EN

Obstacles and scientific and technical needs related to the measure taken

Further capacity building is needed in integration of biodiversity conservation with economic development for large scale replication.

EN

implement a specialized training program for relevant stakeholders on biodiversity-based solutions and approaches.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet.

EN

National Target(s)

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet.

EN

Other relevant information

No information or case studies because these not implement yet.

EN

Obstacles and scientific and technical needs related to the measure taken

need capacity building in biodiversity conservation.

EN

develop inventory proposal and secure needed funding.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The propasl done , and make inventory with stockholders by FAO to determine needs and gaps.

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

As consultation process it like on track but need to start implementation as soon as.

EN

Obstacles and scientific and technical needs related to the measure taken

Delay of fund

EN

implement a specialized capacity building program on forests inventories for MoA/FD and key stakeholders.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started , financial support and capacity building program need.

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Financial support and capacity building program.

EN

undertake a gap analysis of inventory data.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started need to implement inventory first

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Financial support to implement inventory and capacity building in analysis and

EN

determine gaps.

prepare the first comprehensive national forest inventory report and endorse by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Need to implement inventory for forest , that not implement yet.

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

prepare a national action plan for forest inventory update and management.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The action plan will be prepared after finishing the inventory which not started yet for lack of financial support.

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Main obstacle is financial support

EN

undertake review of the proposed/existing forest bylaw and prepare a strategic report for MoA endorsement.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Updating of agriculture law and endorse it by parliament help in reviewing by law for forest department and it is in internal process to endorse

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

provide political and institutional support to MoA/FD on the new bylaw.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

provide technical advice to MoA/FD on biodiversity related applications of the new bylaw

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

establish a forestry working group from NBC

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

prepare periodic strategic reports on the bylaw implementation of biodiversity articles.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

undertake a needs assessment for the biodiversity unit.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

implement a capacity building program for the unit including institutional, technical and logistical aspects.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

lobby MoA on the provision of adequate financial and human resources for the unit program.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

prepare a biodiversity protocol for forest management and endorse by MoA.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

implement a set of site-based pilot initiatives on ecosystems approaches to forest management

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

prepare and implement a national forests biodiversity monitoring system.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed

and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

prepare and adopt a proposal for the restructuring of the national afforestation program for biodiversity.

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

implement a program for restructuring the national network of forestry nurseries using biodiversity guidelines and standards.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Related to update of agriculture law

EN

National Target(s)

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

undertake review of the new rangeland strategy, identify biodiversity gaps and prepare a set of recommendations for MoA.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan



**This action is actively under implementation. Where an updated strategy for was prepared in Jordan by the Ministry of Agriculture and through an active involvement of stakeholders including RBG, this strategy was developed in 2014 and it was agreed that it would be reviewed every five years.**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

**Selection has been based on reviewing national biodiversity reports and Rio conventions.**

**As the updated strategy is in line with the recommendations of the relevant Rio conventions, namely desertification, biodiversity and climate change. The strategy emphasizes the importance of benefiting from the knowledge and skills of the community, especially in the field of range land management and protection. The Strategy also addresses the role of cooperatives in the management and conservation of range lands and the role of beneficiaries in a cooperative framework.**

EN

Relevant websites, links, and files

[Range\\_land\\_strategy.pdf](#) (Range, land, strategy)

Other relevant information

**Report is available at the Ministry of Agriculture and the Royal Botanic Garden (RBG) has documented case studies in this aspect.**

EN

Other relevant website address or attached documents

[Royal Botanic Garden](#)  
[Ministry of Agriculture](#)

Obstacles and scientific and technical needs related to the measure taken

**The results of the case study should be replicated in other regions, in addition to the need for a deeper analysis of the gaps.**

EN

provide technical advice to MoA/RD on biodiversity guidelines and approaches on rangeland management.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

**This action is actively under implementation. Where the ultimate beneficiaries of the CBRR project implemented by the RBG was and is the local community in Tell Ar-Rumman near the RBG site , which includes the families of pastoralists and the villagers, considered to be some of the poorest families in Jordan.**

**As news of the success of the program in Tell Ar-Rumman spreads, the CBRR is being approached by pastoralists in other parts of Jordan. The number of direct beneficiaries should therefore soon increase throughout the country.**

**Other beneficiaries are researchers and research institutions working on conservation and biodiversity. Finally, many of policy makers in the ministries (i.e Ministry of Agriculture and Rangeland Department) have been able to benefit from the CBRR model and the results of the research through use it to modify the national strategy and legislation related to ecosystem and natural resource management.**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

**Selection has been based on the reports of workshops conducted and field guides that were produced in order to provide a technical advice.**

EN

Relevant websites, links, and files

[HIMA Proceedings..pdf](#)

Other relevant information

**Report is available at Royal Botanic Garden (RBG)**

EN

Other relevant website address or attached documents

[Royal Botanic Garden](#)

Obstacles and scientific and technical needs related to the measure taken

**There is a need to develop an intensive program targeting the technical persons working in this field, and to exchange field visits on an ongoing basis in order to identify the challenges on the ground.**

EN

implement a set of pilot initiatives using community based approaches to biodiversity conservation and sustainable rangeland management (Al Hima).

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

**RBG shared its experience in rangeland management with the concerned people in the Ministry of Agriculture in order to integrate the Rangeland management concept in a way that conserve biodiversity as what happens in the RBG site with the concept of sustainable management implemented by the community under the supervision of the Ministry of Agriculture as what happens in Bani Hashem Hima**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

This experiment was in narrow range and was not developed so that it can be fully assessed.

EN

Relevant websites, links, and files

[Royal Botanic Garden](#)

Other relevant information

**The Royal Botanic Garden (RBG) has documented case studies**

EN

**in this aspect.**

Other relevant website address or attached documents

[Royal Botanic Garden](#)

Obstacles and scientific and technical needs related to the measure taken

**There is a need for more capacity building and financial support to expand the experience.**

EN

prepare a series of case studies on participative rangeland management and biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

**The Community-Based Range land Rehabilitation programme (CBRR) was introduced in 2007 to relieve grazing pressure on the Royal Botanic Garden, while optimizing the available range and maximizing biodiversity, but recently, CBRR started expanding the scope of work to go to places farther away at Badia as happened at Sarra range land reserve which is managed by the Ministry of .**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

This experiment is still limited areas and is not developed so that it can be fully assessed.

EN

Relevant websites, links, and files

[Royal Botanic Garden](#)

Other relevant information

For more information can you visit the below link.

EN

Other relevant website address or attached documents

Royal Botanic Garden

Obstacles and scientific and technical needs related to the measure taken

**There is a need for financial support to expand the experience and thereby cover wide areas.**

EN

undertake a national screening study on rangelands species and prepare an indicative sensitivity map of their distribution.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet .

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No data, because not yet implement these activity.

EN

Other relevant information

No more information, because these action not yet implement.

EN

Obstacles and scientific and technical needs related to the measure taken

Need capacity building programe and financila support.

EN

construct a key rangeland species database and implement a periodic monitoring program.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

**experts from the RBG carry out plant surveys in different parts of Jordan to measure vegetation characteristics and assess rangeland conditions and thus record key rangeland species, which in turn support the RBG database with important information used in the publication.**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

**The available resources are not sufficient to carry out such studies in all Jordanian habitats, which leads to the conducting of studies within limited areas of Jordan.**

EN

Relevant websites, links, and files

[Royal Botanic Garden](#)

Other relevant information

For more information , please follow the below link.

EN

Other relevant website address or attached documents

[Royal Botanic Garden](#)

Obstacles and scientific and technical needs related to the measure taken

**There is a need for capacity building in fundraising and proposal writing.**

EN

assess the technical capacities of the MoA/ RD and implement a specialized training program supported by needed IT and equipment.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

No action yet.

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No action untill now for these activity.

EN

Other relevant information

No information, because these action not yet implement.

EN

Obstacles and scientific and technical needs related to the measure taken

Finance support and spatial database for map needed, lack of experience .

EN

undertake a strategic impact assessment of grazing and wood collection on rangeland biodiversity using MoA/RD reserves.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

**RBG implemented this study in one of the rangeland reserves (Sura rangeland) in Badia, where it used as a model to be applied to the rest of the rangeland reserves. A technical report has been published.**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

**Measure taken has been partially effective, where it cannot be fully judged by one experience within one location.**

EN

Relevant websites, links, and files

Royal Botanic Garden

Other relevant information

For more information, please follow the bellow link

EN

Other relevant website address or attached documents

Royal Botanic Garden

Obstacles and scientific and technical needs related to the measure taken

**There is a need for capacity building in fundraising and proposal writing, and financial support.**

EN

implement a set of pilot initiatives addressing biodiversity conservation in rangeland reserves.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

**The CBRR program was created by the RBG with a twofold goal: to maximize both the available range and the RBG site's biodiversity and richness. While this may at first seem counter-intuitive, there is plentiful evidence that historically grazed habitats adapt and thrive under managed grazing**

**The overarching goal of the CBRR is to develop grazing protocols in order to maximize both the biodiversity of a given range and the productivity of the animals grazing on it. Habitat-specific grazing protocols for the region are thus being established and published.**

**Through this program creates many pilot sites that adopt the concept of conserving the biodiversity in the rangeland reserves, like what happened in the Sara range land reserve and RBG surroundings areas.**

EN

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective



tools or methodology used for the assessment of effectiveness above

Selection has been based on reports of different case studies belong various habitats.

EN

Relevant websites, links, and files

[Royal Botanic Garden](#)

Other relevant information

For more information, please see the below link.

EN

Other relevant website address or attached documents

[Royal Botanic Garden](#)

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for continuous assessment of biodiversity.

EN

prepare and disseminate a series of practitioners' best practice guidelines manual on biodiversity and rangeland management using national case studies (e.g. Al Hima).

National Target(s)

By 2016, national strategy for rangeland development and managements developed and effective

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

undertake a review of best practices in renewable energy and prepare a strategic report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Updating of EIA bylaw in 2018 cover the renewable energy activty and put specific guidline for wid farmsprojects

EN

National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity

safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

approve guideline for wind farms which prepare from specialist.

EN

finalize the renewable energy regulations and endorse by the Minister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The regulation for renewable energy was part of EIA regulation which is endorse from minister and sent to cabinet to endorse

EN

National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

implement a national training and awareness raising program on renewable energy and biodiversity targeting government and private sector stakeholders.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A specific traing was don by IFC -world bank and funding long time monitoring program in cooperatin with private sectors.

EN

National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

Obstacles and scientific and technical needs related to the measure taken

Financial support for other sectors (solar)

EN

establish an NBC working group on renewable energy; undertake periodic assessment and produce strategic reports.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

The training which hold by IFC-World bank was for all stockholders including NBC members.

EN

National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

prepare wind energy and solar energy guidelines and endorse by the Minister.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Guideline for wind enery was endorsed , wait financial support to prepare one for solar energy.

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

undertake a strategic review of existing mining priorities and prepare a strategic report on biodiversity related impacts.

---

National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

prepare and disseminate a biodiversity protocol for mining activities based on international best practices and guidelines.

---

National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

implement an awareness raising and training program on biodiversity safeguards and mining.

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National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

implement a set of pilot initiatives on ecosystem rehabilitation/restoration in mining areas.

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National Target(s)

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

establish the marine biodiversity database (baseline inventories including terrestrial biota) and disseminate results.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Several efforts have been implemented to establish the marine biodiversity database including the national monitoring program implemented by ASEZA through the Marine Science Station since 2001 where a database was created. In addition, JREDS has developed its own database on key marine species and habitats where a set of publications were developed such as 1) Hard Corals of Aqaba; A Field Guide (JREDS) 2) Fisheries Status at the Gulf of Aqaba, 3) Reef Check Program, 4) Water Quality at Selected Site of the Gulf of Aqaba (JREDS), 5) Harmful and Toxic Creatures in the Gulf of Aqaba of Jordan. Recently, a database of the marine environment was developed by ASEZA through UNDP project "mainstreaming marine biodiversity conservation into coastal zone management in the Aqaba special economic zone"

EN

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Monitoring Program for the physical and biological characteristics at the Gulf of Aqaba

EN

Relevant websites, links, and files

[JREDS website](#)

Other relevant information

The national monitoring program, and fisheries survey are still implemented on a continuous base. Their outcomes contribute significantly to the implementation of NBSAP especially that they lead to the development of several other actions such as Red Listing

EN

Obstacles and scientific and technical needs related to the measure taken

The main obstacles are related to the availability of financial resources and experts in the field of marine biodiversity

EN

prepare the marine and coastal zone report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The State of the Coastal Environment Report for Aqaba, 2016 was developed by ASEZA, as well as the Jordan ICZM Country Report 2014. In addition, three major outcomes have been developed by JREDS in collaboration with various stakeholders which are the Integrated Coastal Zone Management Guidelines 2016, 4) Integrated Coastal Zone Management Action Plan, 2017, and the ICZM bylaw.

EN

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Monitoring a number of parameters related to environmental, economic and social perspectives

EN

Other relevant information

The development of ICZM products supported the development of several national strategies and reports such as the state of environment in Jordan

EN

Other relevant website address or attached documents

[Ministry of Environment Website](#)  
[JREDS website](#)

Obstacles and scientific and technical needs related to the measure taken

No major obstacles were witnessed in this action

EN

implement a marine biodiversity monitoring program.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

National Monitoring Program at the Gulf of Aqaba is established since 2001 by ASEZA and through MSS. In addition, JREDS has initiated a Reef Check program since 2014. More efforts by JREDS was performed after establishing the Fisheries Monitoring Program since 2014. Ayla Oasis Monitoring Program is conducted through the MSS. Other monitoring programs for water quality is conducted by JREDS for the Blue Flag beach at Aqaba, Yacht Club water monitoring by MSS, Talaboy monitoring of water quality by Ibn Hayyan Laboratories, and the Industrial Complex Area water quality monitoring by MSS

EN

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Monitoring a number of biological parameters such as the indicator species

EN

Other relevant information

The development of ICZM bylaw, action plan and guidelines were based partially on the existence of monitoring programs at Aqaba

EN

Obstacles and scientific and technical needs related to the measure taken

Introducing new methodologies and\ or technologies to support the monitoring program is a challenge especially with the limited expertise and financial allocations

EN

implement a specialized capacity building program for the MSS on integrated biodiversity management and monitoring including needed human resources, logistical requirements and equipments.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A specialized training program was provided to the MSS by JREDS in regards to:

EN

1) Ecosystem Services Mainstreaming into Development Planning, 2) ICZM, 3) Reef Check

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Monitoring a number of biological parameters such as the indicator species

EN

Obstacles and scientific and technical needs related to the measure taken

level of cooperation and financial allocations

EN

prepare the sea use plan for the coastal zone and endorse by ASEZA and the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The sea use plan was developed by a UNDP funded project but the plan is not endorsed by ASEZA yet

EN

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Monitoring a number of biological parameters such as the indicator species

EN

Other relevant information

A project implemented by JREDS with the title "Our Rights in Save Beaches" highlighted the importance of endorsing the sea-use plan specifically it will define areas for swimming, boats movement...etc

EN



Obstacles and scientific and technical needs related to the measure taken

Governmental procedures in endorsing the plan

EN

implement periodic monitoring of the implementation and enforcement of the sea plan.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Although a sea use plan was developed but it not endorsed by ASEZA yet which made this action not achievable

EN

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been ineffective

tools or methodology used for the assessment of effectiveness above

NA

EN

Other relevant information

NA

EN

Obstacles and scientific and technical needs related to the measure taken

endorsement of the sea-use plan by ASEZA

EN

prepare a set of marine biodiversity guidelines for coastal zones management.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Several guidelines were developed including 1) State of the Coastal Environment, Report for Aqaba, 2016 (ASEZA), 2) Jordan ICZM Country Report

EN

2014 (ASEZA), 3) Integrated Coastal Zone Management Guidelines 2016 (JREDS), 4) Integrated Coastal Zone Management Action Plan, 2017 (JREDS), State of Environment of Jordan (Ministry of Environment, JREDS)

National Target(s)

By 2016, sustainable coastal zone development master-plan developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Monitoring a number of biological parameters such as the indicator species

EN

Obstacles and scientific and technical needs related to the measure taken

The use of these guidelines results within the governmental strategies and action plans at Aqaba

EN

undertake a strategic review of key wildlife/ game species and produce a strategic report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN conducted strategic review of key wildlife/ game species in consultation with key stakeholders. The assessment process represent key millstone for dedication of resources to wildlife conservation.

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the assessment process of wildlife was assessed based on results of RSCN's monitoring of wildlife studies

EN

Other relevant information

The involvement of the stakeholders in the process was important to reach common understanding of the issues and actions needed.

EN

Obstacles and scientific and technical needs related to the measure taken

the assessment capabilities of RSCN needs to be further developed.

EN

prepare a national wildlife/game species sensitivity map.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The preparation of the new sensitivity map helped in protection of key wildlife species

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the protection of wildlife sensitivity map has been based on results of RSCN's research results of biodiversity.

EN

Other relevant information

The analysis of accumulated knowledge of RSCN's enforcement team and involvement of key stakeholders in the process was important to reach mutual understanding.

EN

Obstacles and scientific and technical needs related to the measure taken

the enforcement capabilities of RSCN and RANGERS needs to be upgraded

EN

design and implement a wildlife monitoring program addressing trends and losses.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN reviewed patrol plan based on hotspots area for biodiversity. RSCN selected random sample from hunters and consulted them about target game species. RSCN installs regularly stellate tracking system and trap camera to monitor defined target spaces. Wildlife life monitoring revealed important information about status wildlife species.

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the protection of wildlife was assessed based on results of RSCN's monitoring of wildlife studies

EN

Other relevant information

The involvement of the hunters- stakeholders and scientific communities in the process was important for the monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

the monitoring capabilities of RSCN needs to be upgraded

EN

publish a national biannual report on wildlife/ game species status.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN publishes bi annual Journal documenting results of important biodiversity research. The production of the wildlife Journal is important tool for documentation of Wildlife monitoring programs.

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The effectiveness of the journal production has been assessed based on the number of articles published. EN

Other relevant information

The involvement of the scientific communities in publishing articles in the Journal was important tool to guarantee wide range participation. EN

Obstacles and scientific and technical needs related to the measure taken

the monitoring capabilities of RSCN needs to be upgraded EN

conduct a review of the MoA wildlife protection regulations, prepare a strategic report, and endorse by MoA.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

RSCN conducted a review of several wildlife protection bylaws and procedures such as: Zoos and CITES. the review was important for improving enforcement measure of wildlife EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

there is a need for MoAg to approve results of the review of wildlife protection regulations in order to be effective. EN

Other relevant information

The involvement of the representatives of MoAg in the process was important to reach mutual understanding of kind regulations needed. EN

Obstacles and scientific and technical needs related to the measure taken

there is a need to conduct special training program targeting relevant staff at MoAg in subjects related to wildlife conservation.

EN

review the national hunting regulations (based on 14.1) and endorse by MoA.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

New procedures has been developed in cooperation with MoAg the review was important for improving enforcement procedures of wildlife

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

there is a need for MoAg to approve results of the review process in order to be effective

EN

Other relevant information

The involvement of the representatives of MoAg in the process was important for the monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

the enforcement capabilities of RSCN needs to be upgraded

EN

conduct a needs assessment study for key stakeholders on wildlife related law enforcement.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

RSCN reviewed needs of RANGERS under national police in areas related to enforcement of wildlife protection skills and enforcement of CITES. The activation of RANGERS' role in enforcement is vital for protection of wildlife

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on violation cases recorded by RANGERS

EN

Other relevant information

The involvement of the representatives of RANGERS in the process was important for the monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

the enforcement capabilities of RANGERS needs to be upgraded

EN

implement a comprehensive capacity building program (including customs/CITES) for key stakeholders including logistical needs and equipments.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN conducted series of training programs for national agencies such as RANGERS under national police and MoAg in areas related to enforcement of wildlife protection and enforcement of CITES. The activation of stakeholders role in enforcement is vital for protection of wildlife

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on violation cases recorded by other stakeholders.

EN

Other relevant information

The involvement of the representatives of stakeholders in the process was important for the monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

the enforcement capabilities of stakeholders needs to be upgraded

EN

establish an NBC working group on wildlife protection and prepare periodic performance reports.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN reviewed the membership of the Hunting Committee which governs the hunting programs in Jordan according to the agriculture law. This action can be considered as a replacement to establishment of NBC The establishment of committees has been important for supporting enforcement process indirectly

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on cases supported by the NBC committee.

EN

Other relevant information

The support of senior officials is vital to support species conservation programs.

EN

Obstacles and scientific and technical needs related to the measure taken



the enforcement capabilities of stakeholders needs to be upgraded

EN

undertake a stakeholders mapping study on wildlife/game activities.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN reviewed the membership of the Hunting Committee which governs the hunting programs in Jordan according to the agriculture law. This action can be considered as a replacement to establishment of NBC. The establishment of committees has been important for supporting enforcement process indirectly

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on cases supported by the NBC committee.

EN

Other relevant information

The support of senior officials is vital to support species conservation programs.

EN

Obstacles and scientific and technical needs related to the measure taken

the enforcement capabilities of stakeholders needs to be upgraded

EN

implement a national outreach, education and awareness raising program on wildlife protection and sustainable hunting/collection.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN conducted stakeholder mapping for wildlife/game activities which led to the review of membership of the Hunting Committee The activation of

EN

stakeholders role in enforcement is vital for increasing effectiveness of protection of wildlife

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on violation cases recorded by other stakeholders.

EN

Other relevant information

The involvement of the representatives of stakeholders in the process was important for the monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

the enforcement capabilities of stakeholders needs to be upgraded

EN

establish a pilot game reserve and training center targeting awareness raising for hunters and stakeholders.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN uses its general outreach program to raise awareness about hunting and promotion for sustainable hunting the support of public for protection of wildlife is vital for wildlife protection

EN

National Target(s)

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on media articles published about importance of wildlife protection.

EN

Other relevant information

the use of social media is important in the outreach programs

EN

Obstacles and scientific and technical needs related to the measure taken

The capability of using social media and carry out outreach programs is very important.

EN

undertake a targeted review of refugees' hotspots and their potential impacts on biodiversity, and prepare a strategic report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A consultation process was done, and determine the challenges and needs, the report send to Ministry of planning but it wait financial support to can implement the out-puts in report. so the other activities under these target not implement.

EN

National Target(s)

Regional political conflicts impacts on biodiversity are understood, and national response advocated

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

Obstacles and scientific and technical needs related to the measure taken

Financial support is the main obstacles to implement these target and all measures under it.

EN

disseminate the strategic report with international stakeholders as part of Jordan's claims for compensation.

National Target(s)

Regional political conflicts impacts on biodiversity are understood, and national

response advocated

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

identify a pilot area for mitigating and adapting to refugees impacts on biodiversity as an integral component of their relief program.

National Target(s)

Regional political conflicts impacts on biodiversity are understood, and national response advocated

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

implement an integrated ecosystem approach pilot initiative in a selected hotspots (e.g. Azraq region).

National Target(s)

Regional political conflicts impacts on biodiversity are understood, and national response advocated

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

prepare a set of biodiversity guidelines for refugees host areas and communities.

National Target(s)

Regional political conflicts impacts on biodiversity are understood, and national response advocated

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

implement a pilot training program on the application of the guidelines in the selected sites.

National Target(s)

Regional political conflicts impacts on biodiversity are understood, and national response advocated

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

design and implement a national survey on key areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN designed a national process for surveying areas important for biodiversity such as important plant areas. The plan was integrated with annual research plan of Biodiversity Monitoring Center at RSCN. Many areas were assessed by RSCN to evaluate the ecological and biodiversity importance along the Jordan Valley and Eastern Desert. Some of areas were suggested to be declared as protected areas due to its ecological potentials. In addition, The design of research of biodiversity is important in assessing biodiversity hotspots

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on the results of biodiversity studies.

EN

Other relevant information

new areas had been added for the protection programs.

EN

Obstacles and scientific and technical needs related to the measure taken

research capacity needs to be developed

EN

implement a comprehensive stakeholders' consultation process with focus on local communities.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN invited key stakeholder to key workshops including define important habitats and biodiversity hotspots for critical ecosystem workshop sponsored by CEPF.  
Many consultations session were conducted focusing on local communities regarding protected areas establishment at Burqu, Al Dahek, Shoubak area and Petra national park. The consultation of stakeholders helped in agreeing on priority areas needs to be protected

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The effectiveness was assessed based on the results of the consultation process.

EN

Other relevant information

New areas had been added for the protection programs such as Dahil Area.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program in community based conservation.

EN

prepare and disseminate a country report on key biodiversity areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A national report on Key biodiversity areas were prepared based on a comprehensive consultation with all relevant stakeholders and NBC members and a series of detailed maps was prepared. The report helped in directing resources to priority biodiversity areas.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

the effectiveness was assessed based on the results of the consultation process.

EN

Other relevant information

New areas had been added for the conservation programs.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program in development of biodiversity conservation programs.

EN

design and nationally adopt the process framework for the protected areas network review.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

A detailed proposal on new protected areas network review was prepared by RSCN. The proposal introduced a new methodology for the review process to assure wide representation of key ecosystems and habitats. It was submitted to Ministry Environment for adoption. the effectiveness will be assessed once the process of protected area review is completed

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

the effectiveness will be assessed based on the field studies results of the protected area review.

EN

Other relevant information

too early to judge

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program in development of biodiversity conservation programs.

EN

## undertake comprehensive academic review including priority field investigations

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

literature review was conducted by RSCN to assess available information on situation of ecosystems and proposed protected areas and key biodiversity areas. The protected area review plan has been submitted for different donors in order to secure resources for implementation.

EN

the effectiveness will be assessed once the process of protected area review is completed

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The effectiveness will be assessed based on the field studies results of the protected area review.

EN

Other relevant information

too early to judge

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program in development of biodiversity conservation programs.

EN



establish an NBC working group on the review.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet done.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

These action not yet implement.

EN

Other relevant information

No more information, need to implement.

EN

Obstacles and scientific and technical needs related to the measure taken

Human resource, the number of NBC committee member are limited and they have lot of tasks to follow it so the reviewing done through annual review.

EN

prepare the review report, seek public opinions and endorse by the Cabinet

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

These action depend on previous action, where the previous not done yet so no reviewing report is done.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No data available

EN

Other relevant information

No more information.

EN

Obstacles and scientific and technical needs related to the measure taken

Human resource

EN

prepare and update the designation files for Burqu and Petra protected areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN prepared and submitted designation files for Burqu and Dahek areas to the cabinet through the ministry of Environment for approval. The same process was done for Petra. the designation of Burqu protected area will be a major contribution to BSAP

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Results of the baseline information of Burqu and Petra proposed protected areas show the importance of the two areas for biodiversity conservation.

EN

Other relevant information

RSCN's reports of documenting progress in designation of Burqu as protected area.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need to develop program to seek the support of local community because it is vital for the success of the Burqu and Petra Protected Areas.

EN

secure official designation for Burqu and Petra by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A follow up from the ministry of environment, RSCN and UNPD with the cabinet to secure the official designation of Burqu, Dahek and Petra the designation of Burqu and Petra as protected area will be a major contribution to BSAP

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The support of MoEnv is vital to succeed in designation process.

EN

Other relevant information

RSCN's designation file of Burqu and Petra Authority designation file of Petra.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need to develop program to seek the support of stakeholders because it is vital for the success of the Burqu and Petra Protected Areas.

EN

secure local communities consent on the protected areas designation

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A comprehensive consultation process was conducted with relevant local communities on the Burqu, Petra and Dahek protected areas designations. the designation of Burqu and Petra as protected area will be a major contribution to BSAP

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The support of MoEnv and local communities is vital to succeed in designation process.

EN

Other relevant information

RSCN's designation file of Burqu and Petra Authority designation file of Petra. EN

Obstacles and scientific and technical needs related to the measure taken

There is a need to develop program to seek the support of stakeholders because it is vital for the success of the Burqu and Petra Protected Areas. EN

initiate integrated management programs for both sites including the monitoring system.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Ecological baselines surveys were conducted at the Petra, Burqu and Dahek and general and detailed management plans were prepared. These management plans have adopted integrated management programs and approaches basic enforcement systems have been important to establish core conservation team EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

selection was based on RSCN's long experience in PAs management. EN

Other relevant information

RSCN's designation file of Burqu and Petra Authority designation file of Petra which include basic monitoring program. EN

Obstacles and scientific and technical needs related to the measure taken

There is a need to develop comprehensive capacity building programs for team of both sites. EN

initiate integrated management programs for both sites including the monitoring system.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Ecological baselines surveys were conducted at the Petra, Burqu and Dahek and general and detailed management plans were prepared. These management plans have adopted integrated management programs and approaches basic enforcement systems have been important to establish core conservation team.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

selection was based on RSCN's long experience in PAs management.

EN

Other relevant information

RSCN's designation file of Burqu and Petra Authority designation file of Petra which include basic monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need to develop comprehensive capacity building programs for team of both sites.

EN

prepare and adopt participative site governance and benefit sharing frameworks.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Management plans and designation files have included major section on site governance and clear approaches for benefit sharing. RSCN started participatory management for PAs through a local advisory group. RSCN also developed benefit sharing programs in each PA. Support of stakeholders is vital for the effective management of PAs.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

selection was based on RSCN's long experience in PAs management.

EN

Other relevant information

RSCN's designation file of Burqu and Petra Authority designation file of Petra which include basic governance framework.

EN

Obstacles and scientific and technical needs related to the measure taken

support of stakeholders is very important.

EN

install needed human and infrastructure capacities for both sites.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN and Petra Authority has dedicated a focal team to supervise and enforce protected areas regulation through recruiting enforcement team and community liaison officers basic conservation task have been conducted to protect biodiversity in this areas.

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

selection was based on RSCN's long experience in PAs management.

EN

Other relevant information

RSCN's designation file of Burqu and Petra Authority designation file of Petra which include human resources needed for both sites.

EN

Obstacles and scientific and technical needs related to the measure taken

build the capacity of field team at new PAs.

EN

finalize the design of the marine protected area.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

These action yet started.

EN

Other relevant information

No information

EN

Obstacles and scientific and technical needs related to the measure taken

There are a conflict in laws , because marine under Aqaba spatial economic Zone Area (ASEZA) management and the type of Gulf Aqaba as the only sea window for Jordan most of trading and investment activities located in Aqaba, in addition the difficult economic situation in Jordan make all concerns for economic investment especially after the political issue in region.

EN

prepare the site designation file and secure official approval by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Depend on previous action.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not done

EN

Other relevant information

No information

EN

Obstacles and scientific and technical needs related to the measure taken

As mentioned in previous action.

EN

initiate an integrated management program for the site including the monitoring system.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

These action depend on finalize the design of the marine protected area, where the marine protected area doesn't established so can't have management program.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Need to establish marine protected area to can assess the management program.

EN

Other relevant information

No information.

EN

Obstacles and scientific and technical needs related to the measure taken

As mentioned in previous actions

EN

prepare and adopt participative site governance and benefit sharing frameworks.



Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Need to establish site first, not yet started.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet started.

EN

Other relevant information

No more information

EN

Obstacles and scientific and technical needs related to the measure taken

The obstacles depend on the previous actions.

EN

install needed human and infrastructure capacities for the site.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Need to establish the site and estimate the area for site .

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No action.

EN

Other relevant information

Not available

EN

Obstacles and scientific and technical needs related to the measure taken

Same obstacles in previous actions

EN

prepare and update the management plans for all sites.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Continues updated were achieved for key protected areas such as Azraq, Ajloun, Rum and Petra. RSCN updates management plans every 5 years and submit plans to MoEnv. For approval. the management plans secured effective management of these PAs.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

assessment based on protected areas' and RSCN's effectiveness reports.

EN

Other relevant information

These PAs are among top PAs according to IUCN guidelines.

EN

Obstacles and scientific and technical needs related to the measure taken

further capacity building in PAs' management planning.

EN

undertake a national management effectiveness assessment and disseminate report.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

A national management effectiveness assessment were prepared during 2010 and disseminated the national report to relevant stakeholders The results of 2010 assessment is too old and there is a need to update the assessment.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

assessment based on RSCN's effectiveness reports 2010

EN

Other relevant information

The effective evaluation assessment in 2010 represent good case study to follow.

EN

Obstacles and scientific and technical needs related to the measure taken

further capacity building in effective evaluation assessment according to IUCN guidelines, need financial support.

EN

assess the effectiveness of the participative governance frameworks and benefit sharing.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN implements a process of revision of effectiveness for each PA annually in order to maintain high level of effectiveness. A national management effectiveness assessment were prepared during 2008 and disseminated the national report to relevant stakeholders The results of 2010 assessment is too old and there is a need to update the assessment.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

assessment based on RSCN's effectiveness reports.

EN

Other relevant information

The effective evaluation assessment in 2010 represent good case study to follow.

EN

Obstacles and scientific and technical needs related to the measure taken

further capacity building in effective evaluation assessment according to IUCN guidelines.

EN

review the existing special conservation areas regulations incorporating genetic resources areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Need to make assessment for spatial protected area.

EN

Other relevant information

Not yet.

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support, human resource and capacity building.

EN

prepare a biannual SCAs effectiveness report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet started so the assessment unknown.

EN

Other relevant information

Not have information because it isn't start yet

EN

Obstacles and scientific and technical needs related to the measure taken

lacke of human resouce, financial support and capacity building.

EN

### prepare and implement integrated management plans for the SCAs.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN has prepared management plans for its SCAs, RBG has started the preparation process for the management plan for the botanical garden the management plans secured effective management of these PA.

There is a great interest by RBG management (as one of the SCA) in communicating and cooperating with rights holders and stakeholders in integration manner to strengthen and sustain relationships. The masterplan indicates that local community members as well as women should be targeted in the conservation and socio-economic development programs. The Royal Botanic Garden has clearly defined these groups and targets them in its socio-economic outreach and work, and has clear community involvement central to the Management Plan 2019 to 2021.

EN

National Target(s)

By 2018, the national protected areas program reviewed and effectively implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

assessment based on organizations effectiveness reports, and published RBG

EN

master plan.

Other relevant information

CNeeds to develop national guidelines for all SCAs

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for contiguous assessment of PAs effectiveness

EN

finalize the plant strategy and prepare for national adoption.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

In addition to the effort undertaken by RBG in order to prioritize conservation of species according to the criteria set in Wild Socioeconomic Plant Conservation Strategy for Jordan, the RBG is preparing a project proposal to support the establishment of a national strategy for the conservation of wild relative crops, as well as to strengthen collaboration between NARC and RBG in plants conservation.

EN

RBG has provided a setting for species priorities for conservation where CWRs will be selected out of the assessed species accounting on their status, their national distribution, national values, potential utilization, crop use categories and endemism.

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

where the effectiveness is evaluated based on the quality of the evaluation report.

EN

Other relevant information

For more information see the RBG website

EN

Other relevant website address or attached documents

[RBG website](#)

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building in fundraising and proposal writing.

EN

implement a national outreach program for the adoption of the plan.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Key Ecosystems, Species and Genetic Resources Conserved

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

National workshops were held with national stakeholders to develop the strategy. In addition to publication and dissemination of research

EN

Relevant websites, links, and files

[RBG](#)

Other relevant information

More information in RBG website

EN

Other relevant website address or attached documents

[RBG](#)

Obstacles and scientific and technical needs related to the measure taken

Capacity building program and financial support.

EN

secure the plan adoption by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Plan not finish yet

EN

Other relevant information

Visit RBG website

EN

Other relevant website address or attached documents

[RBG](#)

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

publish and update the flora of Jordan book.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

In 2017, an up-to-date checklist of the plants of Jordan was produced which incorporated recent name changes and new distribution records for the country. This Checklist is a further update, incorporating several

EN



published and unpublished lists, and survey reports to include all names that have been used, and are in use for the flora of Jordan. All published and unpublished sources are listed under References and Bibliography.

The Plants of Jordan: an annotated checklist aims to include all taxa of vascular plants (pteridophytes, gymnosperms and angiosperms) found in Jordan to form the basis book of a national Flora of Jordan.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Selection was based on published Jordan plant checklist.

EN

Other relevant information

RBG website

EN

Other relevant website address or attached documents

[RBG](#)

Obstacles and scientific and technical needs related to the measure taken

**Early to judge**

EN

update the national plant red list on a shared database.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This action is actively under implementation, where all assessed Jordanian flora are uploaded on IUCN Red List's species database which is called the Species Information Service (SIS). It is an online system for centralized data storage, and ensures that data is consistently entered in the same format for all species. SIS links directly to the Red List website and thus facilitates publication of species assessments on the global Red List.

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

selection was based on published Jordan plant Red List and uploaded information on SIS.

EN

Other relevant information

RBG website.

EN

Other relevant website address or attached documents

[RBG](#)

Obstacles and scientific and technical needs related to the measure taken

The database software (SIS) is not easy to handle.

EN

prepare and publish volumes 1, 2, 3 of the national red list plant book.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This action is actively under implementation, with the completion of the publication of volume 1 and 2 a total of 1828 species were assessed and published in the first and second volumes, which represent 72% of Jordanian plants, a full assessment has been performed for all local trees and all species belonging to the following genera: Iris, Orchis, Anacamptis, Crocus, Tulipa, Origanum, Salvia and Euphorbia.

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

selection was based on published Jordan plant Red List and uploaded information on SIS.

EN

Relevant websites, links, and files

RBG

Other relevant information

See the RBG website

EN

Other relevant website address or attached documents

RBG

Obstacles and scientific and technical needs related to the measure taken

Capacity building programs is needed

EN

prepare and adopt red list documentation and update protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This action is actively under implementation. Red lists have been adopted to identify endangered species, to be targeted as one of the pocket gardens (themes) implemented by the RBG within the botanic garden site. The garden works to propagate, protect and display the endangered species in the Pocket Garden-Phase one, depending on the criteria and indicators of the IUCN in assessing the conservation status (Red List).

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

selection was based on published Jordan plant Red List and uploaded information on SIS.

EN

Relevant websites, links, and files

RBG

Obstacles and scientific and technical needs related to the measure taken

Capacity building programs is needed

EN

undertake desktop review of all blacklist species and publish report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This action is in planning stage or early implementation, where the road map for the invasive species approach has been developed based on the outcomes of the 1st and 2nd national workshops and the consultation with the Ministry of Environment (MoEnv) and other stakeholders. This comprehensive plan included gathering of basic data relevant to biological invasiveness in Jordan, building the capacity of the lead organization/s in relation to invasive species concept and management as well as to raise the awareness of policy makers, decision makers and technicians on the issue of biological invasiveness. The main expected outcome of the process is a comprehensive document summarizing national concerns and action priorities through clear, well defined and structured approach. In addition, the process is expected to generate various materials for targeted awareness raising and capacity building activities.

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Selection was based on workshops outcome.

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building programs is needed

EN

implement a national awareness raising and outreach program on the blacklist.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

This action is in planning stage or early implementation. There is comprehensive plan included gathering of basic data relevant to biological invasiveness in Jordan, building the capacity of the lead organization/s in relation to invasive species concept and management as well as to raise the awareness of policy makers, decision makers and technicians on the issue of biological invasiveness. The main expected outcome of the process is a comprehensive document summarizing national concerns and action priorities through clear, well defined and structured approach. In addition, the process is expected to generate various materials for targeted awareness raising and capacity building activities.

EN

National Target(s)

By 2020, national strategies and action plans for plant species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

there is a need to make greater awareness efforts.

EN

Other relevant information

A list of reports are available at RBG. All information is available on RBG database as well.

EN

Other relevant website address or attached documents

[RBG](#)

Obstacles and scientific and technical needs related to the measure taken

Support of stakeholders is very important

EN

undertake comprehensive review of data on target biota.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The RBG interest is to preserve all Jordanian plants, but priority is given to conservation of threatened species that listed on the Red List, where these plants are targeted at propagation, conservation programs at the Seed Bank and on-site demonstration.

EN

For the annual review of the action plan, the lists of species to be preserve within the site should be reviewed periodically.

#### National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

#### Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

#### tools or methodology used for the assessment of effectiveness above

Selection based on RBG action plan.

EN

#### Other relevant information

The Royal Botanic Garden (RBG) collects field information about conservation status of native flora. Data on conservation status were collected, analyzed and recommendation for better conservation and management were addressed.

EN

#### Other relevant website address or attached documents

[RBG](#)

#### Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for species conservation.

EN

publish the first “status of national biodiversity report”

#### Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

The reports defined priority subjects for conservation measures.

EN

National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

based on national reports at MOEnv. EN

Other relevant information

Case studies are available at RSCN and MoEnv. EN

Obstacles and scientific and technical needs related to the measure taken

capacity building is needed for continuous assessment of biodiversity and defining priorities for actions. EN

prepare and initiate the implementation of priority taxa conservation action plans.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Based on plant conservation strategy and the red list, the RBG has a clear annual plan to prioritize the targeting of threatened species for preservation at the Seed Bank and in nursery propagation programs, in order to display them during the landscape work. EN

National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Selection was based on RBG action plan. EN

Relevant websites, links, and files

RBG

Other relevant information

A list of reports are available at RBG. All information is available on RBG database as well.

EN

Other relevant website address or attached documents

RBG  
SIS

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for species conservation.

EN

establish a national database on terrestrial and freshwater fauna red list.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Biodiversity Conservation Monitoring Center at RSCN collects field information about status of terrestrial and freshwater fauna and present results in RSCN's biodiversity database . The comprehensive database influences conservation measures and action plan.

EN

National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The effectiveness is evaluated based on changes of status of wildlife in Jordan

EN

Other relevant information

cases study is documented in Development in Jordan (BITS) Project .

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for maintain database and defining priorities.

EN



publish the red list data book for target taxa.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

All Jordanian factories are targeted. To date, two parts of the book have been published, and after the completion of the publication of the third part, all local plants will be evaluated.

Red list was conducted for all mammals and birds species and a report was prepared to document this process but not published until now. The red data list influenced wildlife conservation programs.

EN

National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The effectiveness is evaluated based on change of status of red data list species in Jordan.

EN

Other relevant information

case studies for species conservation of species is documented at RSCN.

Jordan Plant Red List (volume 1&2) has been published, also it is available online on the following website;

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for maintain database.

EN

implement a national awareness raising and outreach program on red list conservation.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

awareness of the conservation of threatened plants listed in red lists is

EN

being disseminated during all meetings and workshops attended, and through publications and RBG website.

RSCN initiated series of awareness programs targeting species on the red list. the awareness raising is important for wildlife conservation

National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on status of wildlife in Jordan.

Selection was based on RBG action plan.

EN

Other relevant information

case studies for species conservation of species is documented at RSCN.

A list of reports are available at RBG.

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for outreach and awareness programs.

EN

prepare and adopt a priority red list species monitoring program.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Biodiversity Conservation Monitoring Center at RSCN integrate red list species in its field monitoring programs. the monitoring is important for wildlife assessment.

This is done through the conducting of monitoring programs for threatened species within their habitats in addition to reviewing the work plans periodically

EN

National Target(s)

By 2020, national strategies and action plans for faunal terrestrial and freshwater

species at risk developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The effectiveness is evaluated based on status of wildlife in Jordan.

EN

selection was based on RBG action plan.

Other relevant information

case studies for species conservation of species is documented at RSCN.

EN

A list of reports are available at RBG.

Obstacles and scientific and technical needs related to the measure taken

Capacity building is needed for species conservation.

EN

undertake comprehensive review of data on target biota.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet.

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet

EN

Other relevant information

Not yet

EN

Obstacles and scientific and technical needs related to the measure taken

As Aqaba is the only marine area in Jordan so a spatial authority established in Aqaba with spatial laws to increase the investment in Aqaba on other hand the marine distance is small about 27 km that make high pressure on marine biodiversity.

EN

publish the first “status of national biodiversity report” including marine species.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

Not yet, depend on previous action .

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Because these action depend on the previous action so not yet started.

EN

Obstacles and scientific and technical needs related to the measure taken

Same obtacles in previous action.

EN

prepare and initiate the implementation of priority taxa conservation action plans.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

The marine species database is developed currently through efforts made by JREDS and so far, the hard corals and fish stocks checklists are produced.

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

develop the checklist of marine species in order to fed the status of marine biodiversity part

EN

Other relevant information

Collaboration with ASEZA and PERSGA was a tool to achieve the results needed, and contribute to NBSAP

EN

Obstacles and scientific and technical needs related to the measure taken

Experts availability and financial resources shortage.

EN

prepare and initiate the implementation of priority taxa conservation action plans.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started.

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No activity under these action.

EN

Obstacles and scientific and technical needs related to the measure taken

For same obstacles in (undertake comprehensive review of data on target biota.)

EN

establish a national database on marine red list.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

o red list was performed yet, but the checklist of hard corals was produced which is considered the first step for producing a regional red list .

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Following IUCN red list criterias to produce the hard corals red databook.

EN

Other relevant information

collaboration at a regional level is required in order to assess the hard coral of the gulf of Aqaba.

EN

Obstacles and scientific and technical needs related to the measure taken

Financial resources

EN

publish the red data book for target taxa.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

No red list was performed yet.

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No red list was performed yet.

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support.

EN

implement a national awareness raising and outreach program on red list conservation.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Because not performed red list, no awareness program.

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't assess before performed red list.

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support to perform red list and capacity building.

EN

prepare and adopt a priority red list species monitoring program.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Need to perform the red list and make inventory first.

EN

National Target(s)

By 2020, national strategies and action plans for marine species at risk developed and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

For not perform the red list yet no information about red list priority and prepare monitoring program.

EN

Obstacles and scientific and technical needs related to the measure taken

Lack of financial support to prepare red list

EN

establish an NBC working group on genetic resources.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Subgroup for genatic resources was established , National Agriculture Research Center (NARC) lead the subgroup

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Subgroup work very well and follow up all relevant issue and present to NBC.

EN

Other relevant information

As NARC is the national focal point for ITPGA and have national gene bank, NARC has small fund from Nagoya project to make documentation for wild wide relatives

EN

Obstacles and scientific and technical needs related to the measure taken

Lack of financial support and human resource.

EN

publish the first state of the plant genetic resources for food and agriculture report.



Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The first report was prepared and published, and now working on update to cover more species.

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

need to cover more species and work with FAO, UNDP, GIZ to update the report.

EN

Other relevant information

More details can visit NARC website

EN

Other relevant website address or attached documents

[NARC](#)

Obstacles and scientific and technical needs related to the measure taken

Financial support and capacity building.

EN

construct, harmonize and update the national database on genetic resources.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Need to restructuring the gene bank and complete the inventory .

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support and capacity building, lack of staff

EN

undertake a review of institutional and technical capacities of relevant organizations on genetic resources conservation and publish a strategic report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet started

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

design and implement a specialized capacity building program for target organizations.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet started EN

Obstacles and scientific and technical needs related to the measure taken

limited of financial support EN

implement development plans of national herbaria and seed and gene banks.

Measures taken to contribute to the implementation of your country’s national biodiversity strategy and action plan

By conserving plant species outside their habitats (ex situ conservation) through supplying the seed bank with quantities required for propagation programs. In addition to, the presence of a representative sample of each plant species within the herbarium for the documentation purpose. EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Selection was based on RBG action plan EN

Other relevant information

When applying this goal, conservation of species within two conservation axes will be achieved (ex situ and in situ) which is one of the most important strategic objectives. EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building in fundraising and proposal writing.

EN

based on 20.1, prepare a national sensitivity map for plant genetic resources.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

For 20.1 not yet started so no action for that activity under these action.

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No assessment before implement these action.

EN

Obstacles and scientific and technical needs related to the measure taken

Lack of financial support and capacity building.

EN

harmonize the genetic resources map with the national protected areas and SCAs networks.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started need to work on map first .

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No significant assessment before finalized map

EN

Obstacles and scientific and technical needs related to the measure taken

Lack of financial to perform map case no activity under these action.

EN

establish a set of pilot plant genetic resources reserves.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Need to make inventory for plant genetic and determine areas for plant and threatened

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

No significant action to can assess.

EN

Obstacles and scientific and technical needs related to the measure taken

Lack of financial support to implement the prvious actions case no action for these activity.

EN

prepare the draft genetic resources bylaw and endorse by MoA.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet started

EN

Obstacles and scientific and technical needs related to the measure taken

Depend on inventory for genatic resources

EN

design and implement a national advocacy program on plant genetic resources.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Depend on preparing bylaw.

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

tools or methodology used for the assessment of effectiveness above

Depend on preparing bylaw.

EN

Obstacles and scientific and technical needs related to the measure taken

Obstacles here a result of previous actions

EN

lobby the government and endorse the bylaw by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Depend on preparing bylaw.

EN

National Target(s)

By 2020, national strategies and action plans for genetic resources developed and implemented

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't make any lobby or assessment the result of lobby before preparing byla.

EN

Obstacles and scientific and technical needs related to the measure taken

Same obstacles for bylaw action.

EN

carry out tourism impact assessment in all established protected areas and publish report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The tourism assessment influenced development strategies and conservation programs.

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based assessment of impact of tourism on important biodiversity areas.

EN

Other relevant information

successful ecotourism development programs has been initiated in Jordan which won several international awards

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building programs is needed in ecotourism

EN

ndertake economic valuation of tourism in protected areas and produce a national report

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A national Conference about impact of ecotourism valuation of ecotourism in protected areas had been organized, and during the conference several scientific papers about this subject had been presented in the conference. A report for the conference had been produced which includes main findings and results of the conference. the valuation of ecotourism in PAs helped to gain support of stakeholders for conservation programs

EN

the valuation of ecotourism in PAs helped to gain support of stakeholders for conservation programs

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based increase participation of decision makers in PAs annual conferences and increasing support for important biodiversity areas.

EN

Other relevant information

Several case studies for economic valuation has been documented by RSCN for several PAs.

EN

Obstacles and scientific and technical needs related to the measure taken

Further development in economic valuation is needed

EN

implement a national awareness raising and outreach program on protected areas' economic values.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN used the theme of the national Conference of benefits of protected areas in 2016 to raise awareness about economic valuation of protected area. RSCN

EN



and its partners produced several medial tools which are presented in the conference and used by medial to raise awareness about national contribution of protected areas in local development. Raising awareness about ecotourism in PAs helped to gain political support for PAs management and general conservation programs

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based assessment of increasing support of decision makers for PAs and important biodiversity areas.

EN

Other relevant information

successful ecotourism development programs has been developed in Jordan based on international best practices.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for special program of capacity building in ecotourism certification

EN

prepare and adopt a best practice guidelines manual for tourism development in protected areas

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN used the annual national Conference of benefits of protected areas to raise awareness about economic valuation of protected area. Reports for the conference and media coverage was produced.

RSCN publishes practical guidelines for ecotourism development in PAs and the buffer zone. The guidelines helped to ecotourism developers to abide by the guidelines in order to help in conserving important biodiversity areas

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based assessment of number of initiatives used the published guidelines.

EN

Other relevant information

ecotourism projects in Jordan won international awards for applying ecotourism guidelines

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for a national certification entity for all ecotourism initiatives

EN

prepare and publish a set of case studies on tourism and protected areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN present case studies in protected areas annual conference which is implemented in cooperation with local communities. The annual conference helped to raise support for conservation programs.

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on number of participants of the annual conference of PAs which contribute to raising support for biodiversity conservation.

EN

Other relevant information

ecotourism projects in Jordan among the best international, some projects won international awards for applying ecotourism guidelines

EN

Obstacles and scientific and technical needs related to the measure taken

capacity building in ecotourism is needed for local communities who develop ecotourism

EN

### prepare and adopt a benefit sharing protocol for tourism revenues with focus on local communities

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Part of the management plan for PAs, RSCN prepares benefit sharing programs focusing on local communities. The benefit sharing helped to raise support for PAs conservation

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based RSCN's annual report of benefit sharing.

EN

Other relevant information

ecotourism projects in Jordan won international awards for applying ecotourism guidelines and generating economic benefits for local communities

EN

Obstacles and scientific and technical needs related to the measure taken

capacity building in ecotourism is needed for local communities to become partner in protected areas' management and benefit directly and indirectly from ecotourism

EN

### prepare and implement visitors' management plans for all relevant sites.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Part of the management plan for PAs, RSCN prepares visitors management plans.  
Visitors management plans helped to conserve important biodiversity areas by reducing pressure on important biodiversity zones.

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based results of assessment of biodiversity monitoring programs for each PA.

EN

Other relevant information

ecotourism projects in Jordan won international awards for applying ecotourism guidelines and protecting biodiversity

EN

Obstacles and scientific and technical needs related to the measure taken

capacity building in ecotourism is needed for monitoring impact of ecotourism on biodiversity.

EN

prepare a strategic protected areas sustainable financing framework for Jordan.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN prepares part of it annual budget financing needs for the sustainability of all PAs management programs.  
financing plan helped to direct financing to important conservation programs

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based assessment of biodiversity.

EN

Other relevant information

ecotourism projects in Jordan won international awards for applying ecotourism guidelines

EN

Obstacles and scientific and technical needs related to the measure taken

capacity building in ecotourism is needed for local communities

EN

prepare and implement site specific business plans for all relevant sites.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN develops annual budget and business plans for each PA in order to support effective management of PAs.

Annual budgets and financing plan helped to direct financial resources to important conservation programs

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based assessment of financial resources secured for development in PAs.

EN

Other relevant information

There are several case studies available in RSCN on ecotourism development in PAs.

EN

Obstacles and scientific and technical needs related to the measure taken

capacity building in business planning is a priority for PAs managers.

EN

prepare and adopt a guidelines manual for business planning and sustainable financing for protected areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN prepared a guideline for business plan for Dibben Reserve and Wadi Rum through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project. Business plan helped to explain financial resources needed to guarantee effective conservation programs for PAs and possible sources of funding.

EN

National Target(s)

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based assessment of financial resources secured for development in PAs.

EN

Other relevant information

The business plans of Dibbeen forest Reserve and Wadi Rum PA are considered good case studies for business plans for PAs. In Jordan.

EN

Obstacles and scientific and technical needs related to the measure taken

capacity building in business planning is a priority for PAs managers.

EN

undertake a national assessment on key ecosystems.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Ecosystem services in Jordan is implementing in cooperation with MOEnv and GIZ, and have a pilot projects in field to can assess the target.

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Geogarphic, biophysical assessment and evaluation for ecosystem evaluations.

EN

Other relevant information

See Jordan Clearing House Mechanism

EN

Other relevant website address or attached documents

[JOCHM](#)

Obstacles and scientific and technical needs related to the measure taken

Assewwment will cover piolt project so need mor financial support and capacity building program to continue after project.

EN

conduct a set of strategic ecosystems services valuations for priority ecosystems.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Under implementation, choice 3 sites as pilots to prepare the strategy, and estimate the priorities.

Make several consultation process with all stockholders and work with NBC.

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The results come from pilot projects and comments from stockholders was effective.

EN

Other relevant information

a draft of ecosystem guideline finished

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building .

EN

publish the first national strategic report on dry-lands ecosystems values for Jordan and endorse by the Minister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Referring to project activity.

EN

Obstacles and scientific and technical needs related to the measure taken

Lack of human resource and capacity building .

EN

conduct a national stakeholders mapping exercise for ecosystem valuation.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Conduct several training workshops for all stockholders with international consultant

EN



National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Number of local staff have good knowledge about ecosystem services.

EN

Other relevant information

Translate a guideline to Arabic language that make it easy to train more persons

EN

Obstacles and scientific and technical needs related to the measure taken

Limited time and sustainable for project activities

EN

implement a national advocacy and awareness raising program on ecosystems values.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Several workshops hold for different sector, media, academia ,local communities, NGOs, etc.

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Referring to project activities and number of people have a knowledge about ecosystem services

EN

Other relevant information

See the fact sheet , example for awarness program

EN

Other relevant website address or attached documents

[University fact sheet.pdf](#) (ecosystem,awarness)

Obstacles and scientific and technical needs related to the measure taken

Decesion makers support

EN

establish an NBC working group on ecosystems.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Any project implement through Ministry of environment and related to biodiversity issue the NBC is the steering committee for project.

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

NBC follow up the project activity and participate in most of activities that support project and have effective results.

EN

prepare and disseminate a set of case studies on the role of ecosystems in sustainable livelihoods and economic development.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

3 pilots projects implement through project in cooperation with local communities and consultant

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Pleas see the sheets attached

EN

Relevant websites, links, and files

[\(RBG-Ain Gazal\) Factsheet.pdf](#)  
[\(Wadi Karak Case\) Factsheet.pdf](#)  
[\(Yarmouk Case\) Factsheet.pdf](#)

prepare a national protocol and best practice guidelines manual on ecosystems valuation approaches and methodologies.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet started to can assess.

EN

Obstacles and scientific and technical needs related to the measure taken

Capcity building

EN

implement a specialized training program in ecosystems valuation for key stakeholders.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Several training workshops hold , in Ajloun,Amman, Azaraq and Aqaba with international consultants to train stockholders in ecosystems valuation

EN

National Target(s)

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The effective training and good knowledge for participants

EN

Other relevant information

Reports from project and evaluation from participants and consultants

EN

Other relevant website address or attached documents

[Integrating Ecosystem Services into Development Planning\\_rvsOS.docx](#)

undertake vulnerability studies for key ecosystems (e.g. forests, rift valley).

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Jordan's Third National Communication on climate Change (2014), includes a vulnerability and Adaptation assessment for biodiversity sector and ecosystems over Jordan. The assessment identified vulnerable ecosystems in Jordan but there is no detailed vulnerability assessment targeting specific ecosystems. Helped to highlight the impact of climate change on key ecosystems in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based in the attention of decision makers to the impact of climate change on biodiversity.

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan

EN

(NAP)

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on climate change

EN

develop and adopt scientific protocols for climate change assessments based on international standards.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Third National Communication (2014) Applied international standards for conducting the vulnerability assessment for all sectors including biodiversity. Helped to highlight the impact of climate change on key ecosystems in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based in the attention of decision makers to the impact of climate change on biodiversity

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP)

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on climate change

EN

publish a series of case studies on climate change impacts on biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN developed a case study on the projected impact of climate change on the shift in the distribution of some species (the Syrian Serin in Dana Reserve, the Nubian ibex southern Jordan). The ibex case study was presented in local conferences :(GIS user conference organized by the Hashemite university, Nature Conservation Monitoring Center NCMC conference) Helped to highlight the impact of climate change on key ecosystems in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based in the attention of decision makers to the impact of climate change on biodiversity.

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP)

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on climate change

EN

identify key protected areas showcasing climate change resilience.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Partially addressed through the study conducted by Dr. Sandy Harrison reports (Impacts of future Climate change on Vegetation, Fire, and Runoff in Jordan), Impacts of Future Climate Change on Selected Indicator Species from Protected Areas in Jordan, Future Climate Change in Jordan)The study helped to highlight the impact of climate change on key ecosystems in protected areas in

EN

Jordan

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based in the attention of decision makers to the impact of climate change on biodiversity

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP)

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on impact of climate change on biodiversity.

EN

adopt climate change specific management programs on selected protected areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN developed several land management initiatives contributing to climate change adaptation in protected areas: The extension and rehabilitation of open water pools as fresh water fish habitats in Azraq Reserve in 2018, The reforestation and planting of native species in Yarmouk and Dibben reserves, The rehabilitation of the old picnicking area in Dibben to minimize pressure on the native forests, The collection of dry wood in Shaumari Reserve and cutting the dry reed to minimize fire eruption due to hot weather conditions)The management initiatives developed by RSCN contributing to increase awareness about impact of climate change on biodiversity and defined priority actions for adaptation of key ecosystems in protected areas in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and

implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on number of indicatives implemented to adapt ecosystems to climate change.

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP)

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on impact of climate change on biodiversity.

EN

prepare and publish a national report on protected areas and resilience.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Partially addressed through the stud conducted by Dr. Sandy Harrison reports (Impacts of future Climate change on Vegetation, Fire, and Runoff in Jordan), Impacts of Future Climate Change on Selected Indicator Species from Protected Areas in Jordan, Future Climate Change in Jordan) Helped to highlight the impact of climate change on key ecosystems in protected areas in Jordan

EN

National Target(s)

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on number of indicatives implemented to adapt ecosystems to climate change.

EN



Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP)

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on impact of climate change on biodiversity.

EN

design and enforce participative planning and management systems on pilot protected areas.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN started to integrate climate change in its 5 years strategic plan, this will be followed by integration of climate change in the protected areas management plans which are based with active participation of relevant stakeholders. RSCN strategic plan helped to highlight the impact of climate change on key ecosystems in protected areas in Jordan and pointed out actions needed to involve stakeholders in plan implementation

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on the number of mechanisms created to integrate stakeholders in the a participatory planning for PAs.

EN

Other relevant information

The participatory planning for integration of biodiversity in the Climate Change in PAs. Is documented in PAs management plans.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for special training in participatory planning for integration of

EN

biodiversity in the Climate Change in PAs. .

identify a national center of knowledge on climate change and biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN has been acting as a national center of knowledge on climate change and biodiversity through development of training curriculum for this subject and conduct training for practitioners and decision makers in the Middle East and North Africa. Part of the plan The plan included capacity building program for the core team at RSCN to act as a national knowledge for biodiversity and climate change.

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on the number of initiatives that RSCN is contributing in regard to understanding of impact of climate change on biodiversity

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP)

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on climate change

EN

establish a climate change working group at NBC.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN has established a working group and it was integrated with the climate change national committee. The working group helped to raise knowledge of committee members about impact of climate change on key ecosystems in protected areas in Jordan

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on number of initiatives the working group participated in regard to the impact of climate change on biodiversity

EN

Other relevant information

The integration of biodiversity in the Climate Change National Adaptation Plan (NAP) has documented several case studies.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program on climate change

EN

undertake a stakeholders mapping on climate change and biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The National Adaptation Plan which will be drafted end of 2018 will address the NAP financing mechanisms. The National Adaptation plan mapped key stockholders for biodiversity and climate change. The plan helped to raise awareness of decision makers about the impact of climate change on key ecosystems in protected areas in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on initiatives and programs implemented by different stakeholders in the field of climate change on biodiversity

EN

Other relevant information

The MoEnv. has documentation for projects implemented by different stakeholders in the field of climate change.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building in fundraising and proposal writing.

EN

prepare and implement a climate change adaptation financing model and endorse by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The National Adaptation Plan which will be drafted end of 2018 will address the NAP financing mechanisms  
The Climate Change National Adaptation Plan (NAP) Helped to highlight financing mechanisms for adaptation plan to climate change in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based on number of initiatives in the plan financed by different mechanisms tools.

EN

Other relevant information

The MoEnv. Has documentation for projects submitted to donors for funding.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building in fundraising and proposal writing.

EN

implement an advocacy program for the climate change policy focusing on biodiversity and ecosystems.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Not yet Started

EN

Obstacles and scientific and technical needs related to the measure taken

Financialsupport, capacity bulding

EN

design and implement a national awareness program on biodiversity and climate change.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN has been action as a national center of knowledge on climate change and biodiversity through development of training curriculum for this subject and conduct training for practitioners and decision makers in the Middle East and North Africa. The national awareness plan helped to raise the awareness of decision makers and general public about the impact of climate change on key ecosystems in protected areas in Jordan

EN

National Target(s)

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Effectiveness is evaluated based in the initiatives adopted by decision makers in the field of impact of climate change on biodiversity

EN

Other relevant information

The MoEnv. has documentation for projects implemented by different stakeholders in the field of climate change.

EN

Obstacles and scientific and technical needs related to the measure taken

There is a need for capacity building program in raising awareness and outreach plans about climate change.

EN

undertake a rapid stakeholders mapping with regard to the Nagoya Protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The implementation of Nagoya project start late , during these year Jordan finished these topic and determine the stakeholders regrading to Nagoya protocol.

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Code of conduct report estimate the stockholders and them acting in Nagoya protocol

EN

Relevant websites, links, and files

[JOCHM](#)

Obstacles and scientific and technical needs related to the measure taken

Limited Fund

EN

design and implement a stakeholders' awareness program on the Nagoya Protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

start in 2019, but 2 workshops hold for academia in 2018

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Increasing awareness of Nagoya Protocol and effective knowledge.

EN

Other relevant website address or attached documents

<http://jo.chm-cbd.net/nagoya-protocol>

Obstacles and scientific and technical needs related to the measure taken

Capacity Building

EN

launch a national advocacy campaign on the Nagoya Protocol's importance.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

In 2013 2 workshops hold in Amman, one for region in cooperation with SCBD and other at national level.

After Jordan implement in cooperation with UNDP a project to implement and capacity building for Nagoya Protocol, one of project activity is rise awareness about Nagoya Protocol.

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Referring to project activities, and the sectors aim to cover in awareness program.

EN

Relevant websites, links, and files

<http://jo.chm-cbd.net/nagoya-protocol>

Obstacles and scientific and technical needs related to the measure taken

Capacity building

EN

identify possible success stories on the implementation of the Nagoya Protocol with stakeholders.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet Started , because the implementation of project start in end of 2017 from GEF, and start to prepare bylaw for Nagoya Protocol, the next step will be determine the main important genetic resources and traditional knowledge to start implement pilot projects

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

As mentioned in project document , will have effective bylaw and sharing benifites between providers and users.

EN

Relevant websites, links, and files

[http://jo.chm-cbd.net/nagoya-protocol/abs\\_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities](http://jo.chm-cbd.net/nagoya-protocol/abs_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities)

Obstacles and scientific and technical needs related to the measure taken

Lack of capacity building programs

EN

design and implement a set of pilot projects on the implementation of the Nagoya Protocol involving local communities and private sector.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan



Not yet started , after complete the first stage of strengthening human resources,legal frame works and institutional capacities to implement the Nagoya protocol, will start implementation a set of projects related to Nagoya Protocol and benefit sharing.

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

strengthening human resources,legal frame works and institutional capacities to implement the Nagoya protocol reports

EN

Relevant websites, links, and files

[http://jo.chm-cbd.net/nagoya-protocol/abs\\_ch](http://jo.chm-cbd.net/nagoya-protocol/abs_ch)

Obstacles and scientific and technical needs related to the measure taken

Capacity building and spatial training program

EN

establish an NBC Nagoya Protocol working group.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The starting committee for strengthening human resource and legal frame works and institutional capacities to implement the Nagoya protocol is a group from NBC

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The members of committee are response in Nagoya protocol in different sectors

EN

draft a national regulation for the Nagoya Protocol and endorse by the Minister.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The draft of bylaw has finished and in internal process to enforce

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

The draft bylaw prepared in consultation process with all stakeholders.

EN

Obstacles and scientific and technical needs related to the measure taken

More capacity building program in related to compliance.

EN

prepare a national assessment report on the response to Nagoya Protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started, after complete the strengthening human resources, legal frame work project for Nagoya Protocol and implement it can make assessment report and determine the gaps of implementation

EN

National Target(s)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and

Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

strengthening human resources, legal frame work project

EN

Relevant websites, links, and files

[http://jo.chm-cbd.net/nagoya-protocol/abs\\_ch](http://jo.chm-cbd.net/nagoya-protocol/abs_ch)

Obstacles and scientific and technical needs related to the measure taken

Capacity Building and sustainable financial support

EN

undertake a rapid stakeholders mapping with regard to Cartagena Protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The stakeholders was determined and instructions of Biosafety inter enforce.

EN

National Target(s)

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

All stockholders have knowledge about Cartagena protocol and work with them mandate .

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support and capacity building

EN

design and implement a stakeholders' awareness program on the Caratagena Protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

A project for implement Caratagena protocol and capacity building in Jordan was worked but for technical issue the project stopped for four years and just before one month ago back to implementation

EN

National Target(s)

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

One of project activities to make awareness workshops for relevant sectors

EN

Obstacles and scientific and technical needs related to the measure taken

Human resource and capacity building

EN

launch a national advocacy campaign on the Protocol importance.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The National Biodiversity committee and technical committee follow Cartagena Protocol, technical committee formed from Ministry of Agriculture, National Agriculture Research Center, Food and Drugs Association and Academia.

EN

National Target(s)

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The activity for project will lead to enhance the commitment of implementation

EN

protocol and increase the capacity of labs to can make all test types.

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building program

establish an NBC Cartagena Protocol working group.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

One of NBC tasks is to follow up the implementation of Cartagena Protocol and sub-group of committee establish to follow up the technical topics

EN

National Target(s)

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The follow up procedure is very active

EN

draft a national bylaw for the Caratagena Protocol and endorse by the Cabinet.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The first draft of bylaw ready and need to make one or two consultation workshops to endorse it.

EN

National Target(s)

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

To cover all biosafety issue the decision from all stockholders to have Law for Biosafety include sanction.

EN

Obstacles and scientific and technical needs related to the measure taken

Main obstacle was the old Environmental law didn't mentioned any articles about biosafety for that need to update the law and support it by biosafety law

EN

prepare a national assessment report on the response to Cartagena Protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Will be done in January 2019

EN

National Target(s)

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

Have fund through UNEP-GEF to prepare third national report and prepare for fourth national report.

EN

Obstacles and scientific and technical needs related to the measure taken

Delayed of fund

EN

establish the centralized CHM at MoEnv.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The development of centralized database system helped in information sharing and raise attention to biodiversity components in development projects.

EN

Ministry of Environment in cooperation with ecosystem services in Jordan which funded by GIZ make MOU with Royal Belgium Center to establish Jordan CHM.

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Jordan CHM lunched and active

EN

Relevant websites, links, and files

[JOCHM](#)

Other relevant information

Three training workshops hold in Amman for all stockholders and all establishment nominate focal points for JOCHM

EN

integrate all biodiversity databases into the central CHM.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN prepared a national online biodiversity database and management systems (BIMS) through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project. It will be linked to CHM The development of centralized database system helped in information sharing an raise attention to biodiversity components in development projects.

EN

All websites for stockholders added to JOCHM.

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

Can visit Jordan Clearing House

<http://jo.chm-cbd.net/links>

EN

Relevant websites, links, and files

<http://jo.chm-cbd.net/>

implement a specialized training program on CHM management and operation.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

MoEnv conducted training on the new system to practitioners from different institutions working on the system. RSCN conducted training on application of database for practitioners from Petra Authority, and Rum PA. The training helped development of centralized database system helped in raising capacity of CHM partners in using the system in their daily work in integration of biodiversity into development projects.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

All stockholders have knowledge to use CHM

EN

Other relevant information

All documents and activities upload to CHM by stockholders

EN

Other relevant website address or attached documents

<http://jo.chm-cbd.net/>

prepare and implement CHM maintenance and update protocol and sign bilateral MOUs with national partners.



Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The development of national map for biodiversity helped to conserve biodiversity in areas defined through the mapping process by sharing the map with different ministries and development agencies.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of cases the national map used to influence conservation programs.

EN

Other relevant information

Several case studies about the use of national biodiversity map to influence development projects are documented by RSCN and MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on updating the national biodiversity maps is needed.

EN

establish an NBC working group on biodiversity knowledge.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

MoEnv in the process of preparing a national protocol for CHM and RSCN prepared a national protocol for centralized biodiversity database update and maintenance. The development of the protocol helped in maintaining centralized database system helped in information sharing an raise attention to biodiversity components in development projects

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of staff able to operate the system according to agreed protocol.

EN

Other relevant information

Cases of use of the database in supporting decision making processes.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on maintaining the system and updating the database continuously

EN

prepare the comprehensive map of Jordan's biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The membership of NBC has been reviewed to include national researchers in biodiversity. The development of NBC research group helped to increase the knowledge in different specialization of biodiversity subjects.

EN

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of contribution of NBC research group in national conservation initiatives.

EN

Other relevant information

Case studies are available at RSCN and MoEnv. about the contribution of NBC research group in national conservation initiatives.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on information sharing is needed in order to channel information from NBC research group in the national conservation plans.

EN

design and implement a national protocol for centralized database update and maintenance.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The MoEnv. has led in 2016 the development of a national report describing the status of environment including a special section which reviewed biodiversity research. The national environmental report helped in defining priority actions for biodiversity conservation.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on the number of activities implemented which are documented in the national environmental report.

EN

Other relevant information

The process of the development of the national environmental report is documented in MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on development of national environmental report.

EN

establish an NBC based research group on biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The MoEnv. has led the development of a national report describing the status

EN

of environment including a special section which reviewed biodiversity research. The national environmental report helped in defining priority actions for biodiversity conservation.

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on the number of activities implemented which are documented in the national environmental report.

EN

Other relevant information

The process of the development of the national environmental report is documented in MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on development of national environmental report.

EN

prepare and adopt a national biodiversity research action plan for priority research.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The status of environmental report which has been published in 2016 adopted a research action plan for priority research in biodiversity. The national environmental report helped in defining priority research in the field of for biodiversity conservation.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of research carried out in the field of biodiversity which has been documented in the national environmental report.

EN

Other relevant information

Research results of biodiversity is documented in RSCN and MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on development of national environmental report.

EN

undertake a strategic review of biodiversity research and publish a national report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The status of environmental report which has been published in 2016 adopted a research action plan for priority research in biodiversity. The national environmental report helped in defining priority research in the field of for biodiversity conservation.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of research carried out in the field of biodiversity which has been documented in the national environmental report.

EN

Other relevant information

Research results of biodiversity is documented in RSCN and MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

future training on development of national environmental report.

EN

prepare and publish a thematic series on biodiversity research protocols.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The Biodiversity Conservation Monitoring Center at RSCN publishes Jordan Journal for Nature History which document results of research programs The development of biodiversity research protocol helped in raising capacity of national partners in using the protocol in carrying out research in the field of biodiversity.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of cases the protocol has been used to guide research activities.

EN

Other relevant information

Research results of biodiversity is documented in RSCN and MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

further training on updating of the research protocol.

EN

carry out an outreach program on agreed research priorities and methodologies.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN present to the public results of its research through social media and websites.

The Biodiversity Conservation Monitoring Center at RSCN publishes Jordan Journal for Nature History which document results of research programs The outreach program of the research priorities helped in directing national efforts to carry out research priorities.

EN

National Target(s)

By 2017, a centralized national environment information system (JEIS) is established and operational

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of research projects carried out by national experts in the field of biodiversity.

EN

Other relevant information

Research results of biodiversity is documented in RSCN and MoEnv.

EN

Obstacles and scientific and technical needs related to the measure taken

further training on the development outreach programs for biodiversity research.

EN

design the required curricula on different biodiversity themes.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN prepared training curriculum in different subjects such as biodiversity conservation, protected area management, socio-economic development and climate change. The design and development of curricula of biodiversity subjects played important role in building practitioners capacity in implementing conservation programs.

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of courses conducted.

EN

Other relevant information

Several donors helped in conducting training

EN

Obstacles and scientific and technical needs related to the measure taken

Training of trainers in curriculum development

EN

undertake periodic quality assurance program on delivered courses.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN adopted a basic protocol to review quality of course conducted in the Academy. The quality assurance system will lead to achieve high quality training which will enhance effectiveness of implementation conservation programs.

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of quality assurance measures carried out.

EN

Other relevant information



Several case studies are documented in RSCN through the Royal Academy for Nature Conservation.

EN

Obstacles and scientific and technical needs related to the measure taken

Training in quality assurance system development.

EN

implement a business plan for the academy.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

the business plan in a basic version, RSCN applied for funding from donors to develop advance business plan. The business plan once it is finalized will define mechanism for financial sustainability of all acadmey operations which will build the national capacity in implementation of biodiversity conservation projects.

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on the end of the year financial results.

EN

Other relevant information

End of each year financial report of the Academy is documented at RSCN.

EN

Obstacles and scientific and technical needs related to the measure taken

Training in business planning is a priority.

EN

establish an NBC thematic working group with academia.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN developed working relationships with academic experts who are interested in training with RSCN The working group on Academia contributes to the development of work program of the Academy which will contribute to the national specialization in biodiversity conservation and enhance effectiveness of implementation of conservation programs.

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of the working group on Academia of contribution of courses conducted in Academy.

EN

Other relevant information

Several case studies are documented in RSCN through the Royal Academy for Nature Conservation.

EN

Obstacles and scientific and technical needs related to the measure taken

aining of trainers in curriculum development

EN

compile a database for all biodiversity related courses.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Hope to can implement soon

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support, capacity bulding

EN

### identify curricula gaps and implement a response plan.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not implement yet, need to implement the previous action

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't assess these measure before implement the previous one

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

### undertake a quality assessment of the current curricula.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

These action depend on previous 2 action so it not implement yet

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

design and adopt a biodiversity curricula certification protocol.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN signed agreement with "Alfered Toepfer Akademia Fur Naturschutz" with support of Hanns Seidel Foundation to certify the courses in the same time RSCN is cooperating with Montana University to accredit Protected areas management curriculum.

The design and adoption of biodiversity curricula certification protocol has been playing important role in building partnership with international training agencies and lead to enhancement of effectiveness of implementing conservation programs.

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of partnership with international training agencies.

EN

Other relevant information

Several case studies of partnerships are documented in RSCN through the Royal Academy for Nature Conservation.

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building in training certification.

EN

design and implement a series of specialized TOT training programs for academic lecturers.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN conducted series of TOT courses targeting trainers of biodiversity subjects. The design and implementation of TOT courses helped in building national capacity in delivering curricula of biodiversity subjects and played important role in building practitioners capacity in implementing conservation programs.

EN

National Target(s)

By 2020, national higher education curricula on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of professional trainers able to deliver high quality courses .

EN

Other relevant information

Results of training programs are documented in RSCN through the Academy.

EN

Obstacles and scientific and technical needs related to the measure taken

Advance Training of trainers is continuous need.

EN

establish a biodiversity education working group at NBC.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN worked with key individuals who are experts in biodiversity concepts

EN

within the national teaching curriculum department. The education working group helped in defining key themes to be integration in the national education curricula and raise awareness of importance biodiversity conservation programs.

National Target(s)

By 2020, national basic education program on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of courses biodiversity themes integrated within the education curricula.

EN

Other relevant information

RSCN has documented case studies of integration of environmental concepts within national curricula

EN

Obstacles and scientific and technical needs related to the measure taken

Training programs of environmental education

EN

undertake a strategic review of basic education curricula and produce a report.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN conducted a comprehensive review of biodiversity concepts within the national teaching curriculum. The strategic review report of the curricula helped in defining weaknesses in the education system and define priorities of themes to be integrated within the curricula.

EN

National Target(s)

By 2020, national basic education program on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on the quality of the evaluation report.

EN

Other relevant information

report of the review of the curricula is documented in RSCN

EN

Obstacles and scientific and technical needs related to the measure taken

Training of curricula review is needed

EN

### implement a biodiversity curricula development action plan.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

RSCN developed a comprehensive plan to overcome shortages in the national teaching curriculum. The implementation of the biodiversity curricula development action plan helped to define priority subjects to be integrated in the curricula.

EN

National Target(s)

By 2020, national basic education program on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

the effectiveness is evaluated based on number of courses biodiversity themes integrated within the education curricula.

EN

Other relevant information

RSCN has documented case studies of integration of environmental concepts within national curricula

EN

Obstacles and scientific and technical needs related to the measure taken

Training of trainers in curriculum development

EN

conduct a national capacity assessment of school teachers on biodiversity conservation.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, national basic education program on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Thess measured not yet implement, it is under discussion internally with outreach directorate at Ministry of Environment

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support and capacity building program in cooperation with Ministry of Education

EN

design and implement a school teachers TOT program on biodiversity related education.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started

EN

National Target(s)

By 2020, national basic education program on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Need to prepare the courses and then make ToT program for teachers

EN

Obstacles and scientific and technical needs related to the measure taken



Financial support to implement first stage then sustainable support to prepare the program

EN

design and adopt a national biodiversity award for school teachers.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Need to implement the 2 previous measures, for that not yet started

EN

National Target(s)

By 2020, national basic education program on biodiversity conservation developed and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't assesst before implement the 2 previous actions

EN

Obstacles and scientific and technical needs related to the measure taken

Same obstacles at 2 previous actions

EN

organize a national conference on traditional knowledge and biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

In 2018 the

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

As project activities until preparing the report the activities which done effective and on track.

EN

Other relevant information

Code of conduct one of documents prepare through project one of activity in code of conduct is make inventory for documentation retardation knowledge through Royal Botanic Garden (RBG).

EN

Other relevant website address or attached documents

[http://jo.chm-cbd.net/nagoya-protocol/abs\\_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities/project-reports/code-conduct](http://jo.chm-cbd.net/nagoya-protocol/abs_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities/project-reports/code-conduct)

establish an NBC working group on traditional knowledge.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

The staformulatecommittee

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The implementation of project in track and effective.

EN

Relevant websites, links, and files

[http://jo.chm-cbd.net/nagoya-protocol/abs\\_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities/strengthening-human-resources-legal-frameworks-and-institutional-capacities](http://jo.chm-cbd.net/nagoya-protocol/abs_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities/strengthening-human-resources-legal-frameworks-and-institutional-capacities)

construct a national database on traditional knowledge and biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started, will try to implement it through project.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't assess before review the budget and availability to implement these action

EN

Obstacles and scientific and technical needs related to the measure taken

Financial support

EN

undertake a review of international and regional best practices on traditional knowledge and biodiversity research.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Strengthening human resources, legal frameworks and institutional capacities to implement the Nagoya Protocol project is a global project with 24 countries and implement through UNDP that make easy cooperation and exchange experience.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Measure taken has been partially effective

tools or methodology used for the assessment of effectiveness above

The implementation of project is on track and effective.

EN

design a practitioners' guidelines manual and toolkit on traditional knowledge.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet implement.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't assess before start implementation

EN

Obstacles and scientific and technical needs related to the measure taken

Fainancial support and capacity building.

EN

implement a specialized training program on biodiversity and traditional knowledge.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet started . will be one of activity for project in 2019. depend on availability of budget.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

tools or methodology used for the assessment of effectiveness above

can't assess before implementation

EN

Obstacles and scientific and technical needs related to the measure taken

Finacial support and capacity building

EN

design and construct a national field center on traditional knowledge (RBG).

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Will be one of results of code of conduct from RBG implementation.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Will assess these action after RBG finishing the documentation of traditional knowledge report.

EN

Relevant websites, links, and files

[http://jo.chm-cbd.net/nagoya-protocol/abs\\_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities/project-reports/code-conduct](http://jo.chm-cbd.net/nagoya-protocol/abs_ch/strengthening-human-resources-legal-frameworks-and-institutional-capacities/project-reports/code-conduct)

Obstacles and scientific and technical needs related to the measure taken

Capacity building.

EN

identify documentation gaps on traditional knowledge and adopt a response plan.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet, depend on the reports from RBG.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Can't assees before finishing the inventory report from RBG.

EN

Obstacles and scientific and technical needs related to the measure taken

Capacity building .

EN

publish a thematic series of knowledge products on traditional knowledge and biodiversity.

Measures taken to contribute to the implementation of your country's national biodiversity strategy and action plan

Not yet, will be next year after finish the inventory.

EN

National Target(s)

By 2020, traditional knowledge on biodiversity promoted and maintained

Assessment of the effectiveness of the implementation measure taken in achieving desired outcomes

Unknown

tools or methodology used for the assessment of effectiveness above

Will start after finish the inventory report and will assess the action.

EN

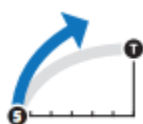
Obstacles and scientific and technical needs related to the measure taken

Financial support and capacity building.

EN

### Section III. Assessment of progress towards each national target

By 2016, the MoEnv strategy and its executive program are developed and operational.



**2015 - On track to exceed target**

Targets

By 2016, the MoEnv strategy and its executive program are developed and

EN

operational.

### Category of progress towards the implementation of the selected target

Rate of progresses toward the implementation of the selected target

On track to exceed target

Date the assessment was done

01 Feb 2015

Summary of the assessment of progresses toward the implementation of the selected target

The ministry has published the strategy and structure online in 2015 as a tool for awareness and knowledge to the scope of its work

EN

### Indicators and Activities

Indicator(s) used in this assessment

Strategy document is published and distributed

Number of stakeholders engaged in developing the strategy and structure

type of entities engaged in the strategy development

EN

Any other tools or means used for assessing progress.

Workshops assessment, participatory approach

EN

Relevant websites, links, and files

[Biodiversity Indicators](#)

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

This strategy was distributed to relevant stakeholders for feedback and comment

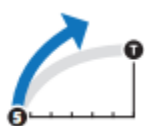
EN

collection. Based on that, the final draft was developed and published

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.



**2018 - On track to exceed target**

Targets

By 2016, the National Biodiversity Committee (NBC) is the prime governance mechanism for biodiversity.

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to exceed target

Date the assessment was done

30 Oct 2018

Summary of the assessment of progresses toward the implementation of the selected target

The NBC is working according to a clear TOR and governance

structure which has to be reviewed on annual basis.

EN



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### Indicators and Activities

Indicator(s) used in this assessment

No performance evaluation has been conducted to the NBC	EN
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Any other tools or means used for assessing progress.

Since the mandate of the NBC is to follow-up the progress made in implementing the NBSAP, then any review to the performance will aid to implement the NBSAP more efficiently	EN
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Relevant websites, links, and files

<a href="#">Jordan CHM</a>
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### Level of confidence

Level of confidence of the above assessment

Based on comprehensive indicator information
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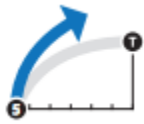
Level of confidence of the above assessment

NBC is the technical committee for biodiversity issues, all documents and projects reviewed through NBC and follow up to insure it on track. The drafted bylaw give NBC more power and governance in biodiversity issues.	EN
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Adequacy of monitoring information to support assessment

Monitoring related to this target is adequate
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By 2017, the new environment protection law is endorsed and effective.



## 2018 - On track to exceed target

### Targets

By 2017, the new environment protection law is endorsed and effective.

EN

### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

On track to exceed target

#### Date the assessment was done

05 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

The Ministry of Environment endorsed the Environmental Law number 6 of 2017. In addition, the ministry is currently developing bylaws including nature protection bylaw and the Nagoya bylaw for access and benefits sharing

EN

### Level of confidence

#### Level of confidence of the above assessment

Based on expert opinion

#### Level of confidence of the above assessment

This bylaw was published and measuring its effectiveness was based on expert opinion

EN

#### Adequacy of monitoring information to support assessment

No monitoring system in place

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.



## 2018 - On track to achieve target

### Targets

By 2016, the new structure of the Nature Conservation Directorate of MoEnv is effective.

EN

### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

On track to achieve target

#### Date the assessment was done

05 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

The new structure of the Nature Conservation Directorate was reviewed during the Ministry of Environment review. However, an in-depth review for the approved structure in relation to the available resources (financial and technical) is necessary

EN

### Level of confidence

#### Level of confidence of the above assessment

Based on expert opinion

#### Level of confidence of the above assessment

Limited information exists related to this indicator especially that the directorate is responsible for several activities and is following several multi-lateral conventions. Therefore, with the limited staff members and shortage in financial budget, a necessary review for the current structure is needed

EN

#### Adequacy of monitoring information to support assessment

Monitoring is not needed

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.



### 2018 - Progress towards target but at an insufficient rate

#### Targets

By 2020, a participative biodiversity planning protocol is developed and adopted nationally.

EN

#### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

#### Date the assessment was done

05 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

So far, there was no establishment for the NBSAP management unit at the MoEnv, despite the efforts established by the NBC to review the progress achieved on a regular base. The MOEnv managed to establish a national team of experts to review the CBD report, but still more efforts bare needed to define national targets which get beyond 2020.

EN

#### Indicators and Activities

#### Indicator(s)used in this assessment

Key performance indicators included: 1) NBSAP management unit established and operational at MoEnv, 2) 6th national CBD report prepared and submitted, and 3) national targets for beyond 2020 developed and adopted and NBSAP reviewed.

EN

#### Any other tools or means used for assessing progress.

The NBC is reviewing the NBSAP on a regular base

EN

#### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

not all elements in this target could be measured using the indicators such as national targets for beyond 2020, therefore expert opinion is necessary

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet



**2018 - Progress towards target but at an insufficient rate**

Targets

By 2015, a national biodiversity financing strategy is developed and adopted by the Cabinet

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

Date the assessment was done

05 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

National Stakeholders have a keen interest in identifying biodiversity finance solutions that could be implemented in Jordan. Several interesting and innovative potential biodiversity finance solutions have already been identified

EN

which will require further assessments ,research and analysis to be able to further develop these concepts .The government does not have at this stage financial resources to implement such process and will require donor support. The Ministry of Environment and the Ministry of Planning and International Cooperation have an strong interest in pursuing BIOFIN initiative as it is in line with national strategies and priorities .The national biodiversity committee and its president is as well very interested in exploring options that could support the implementation of national biodiversity plans and to achieve national biodiversity targets. BIOFIN process and results will complement on going UNDP CO programme .The Ministry of Planning and International cooperation is proposing to explore the possibility to organise a donor round table meeting to mobilise financial resources from locally based donors to support the implementation of BIOFIN.BIOFIN Global will recommend Jordan to its financial partners as a strong candidate new country for BIOFIN initiative

### Indicators and Activities

Indicator(s)used in this assessment

The key performance indicators are: 1) multi-resource financing strategy is developed and implemented, and 2) national biodiversity program portfolio established and maintained.

EN

Any other tools or means used for assessing progress.

The NBC is inviting different entities on a regular base to review the implemented projects, and stand on the available funding resources.

EN

### Level of confidence

Level of confidence of the above assessment

Based on expert opinion

Level of confidence of the above assessment

There is insufficient details currently on how to proceed with the financing strategy

EN

Adequacy of monitoring information to support assessment

Monitoring is not needed

By 2015, a national awareness program for the NBSAP is developed and operational.



### 2018 - On track to achieve target

#### Targets

By 2015, a national awareness program for the NBSAP is developed and operational.

EN

#### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

On track to achieve target

#### Date the assessment was done

05 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

Despite the efforts made by different entities, NBC and the ministry of environment to increase knowledge and awareness toward NBSAP but still no specific awareness program has been developed to be monitored and assessed by the ministry.

EN

#### Indicators and Activities

#### Indicator(s) used in this assessment

The indicators list include: 1) NBSAP adopted under Royal Hashemite Court auspices, 2) legislative and juridical councils are supportive of the NBSAP implementation and 3) NBSAP endorsed by the Cabinet

EN

#### Any other tools or means used for assessing progress.

The ministry of environment distributed the NBSAP documented in several meeting at local, national and regional levels. In addition, some presentations were held to provide information which will help to raise awareness toward NBSAP in Jordan.

EN

## Level of confidence

Level of confidence of the above assessment

Based on expert opinion

Level of confidence of the above assessment

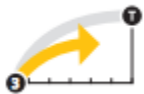
Since no indicators were met, then expert opinion will help to understand progress made

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.



### 2018 - Progress towards target but at an insufficient rate

Targets

By 2016, a sustainable national tourism strategy is finalized, adopted and implemented.

EN

### Category of progress towards the implementation of the selected target

Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

Date the assessment was done

05 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target



The national tourism strategy was developed to cover the period 2011-2014, and no update was performed after that. However, several initiatives were developed which can support the development of a new sustainable tourism strategy including the Biodiversity-Friendly Tourism Charter (2016) of the Green Unit at the MOTA, through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project. More efforts were performed and key documents were established, but a compilation is necessary to establish the sustainable tourism strategy.

EN

### Indicators and Activities

Indicator(s) used in this assessment

Two key performance indicators were established which are: 1) biodiversity conservation articles adopted for tourism master-planning and development, and 2) regulations for ecotourism development adopted at all levels.

EN

Relevant websites, links, and files

[https://www.mota.gov.jo/Documents/NTS\\_2011-2015\\_English.pdf](https://www.mota.gov.jo/Documents/NTS_2011-2015_English.pdf)

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

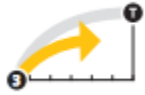
Since limited information is available about the progress in developing the sustainable tourism strategy, then its difficult to measure the progress based on indicators, but rather, an experts opinion is necessary to assess progress and its relevance in establishing a sustainable tourism strategy

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.



## 2018 - Progress towards target but at an insufficient rate

### Targets

By 2020, a national strategy for forest conservation and sustainable use is developed and effective.

EN

### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

#### Date the assessment was done

05 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

Several efforts were established at local level to provide a forest inventory but no national inventory have been established. In addition, bylaw was not reviewed and no capacities (financial and man-power) was allocated for the biodiversity unit at the MOEnv to follow-up this indicator

EN

### Indicators and Activities

#### Indicator(s) used in this assessment

Key performance indicators set include: 1) national forests inventory is developed, 2) forestry bylaw reviewed and adopted, 3) capacities of the biodiversity unit enhanced and equipped with adequate resources, and 4) ecosystem based approach to forest management tested.

EN

### Level of confidence

#### Level of confidence of the above assessment

Based on partial indicator information and expert opinion

#### Level of confidence of the above assessment

This target includes qualitative and quantitative indicators, which require experts opinion in addition to the assessment of indicators

EN

Adequacy of monitoring information to support assessment

Monitoring related to this target is partial (e.g. only covering part of the area or issue)

By 2016, national strategy for rangeland development and managements developed and effective



**2018 - On track to achieve target**

Targets

By 2016, national strategy for rangeland development and managements developed and effective

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

05 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

Rangeland strategy has to be updated with a series of case studies to be included that mainstream biodiversity conservation within. However, several efforts are being conducted to assess grazing and wood-collection inside nature reserves, rangelands and outside these areas.

EN

**Indicators and Activities**

Indicator(s) used in this assessment

Key performance indicators includes: 1) biodiversity conservation articles integrated into the new rangeland strategy, 2) key wild/native rangelands species conservation programs initiated, 3) impacts of grazing and wood collection on biodiversity, and 4) assessed and clear mitigation actions adopted.

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

Not all elements can be assessed due to the limited information available

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.



### 2018 - On track to achieve target

Targets

By 2016, renewable energy and mining strategies are reviewed and biodiversity safeguards adopted and enforced.

EN

### Category of progress towards the implementation of the selected target

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

05 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

A guideline for renewable energy was developed for endorsement by the ministry of environment, but still not followed by the NBC. More efforts should be performed for mining issue, and a n awareness raising program should be developed in this regards

EN

### Indicators and Activities

Indicator(s)used in this assessment

Key performance indicator are: 1) renewable energy (wind) regulations adequately address biodiversity conservation, and 2) mining protocols and master-plans address biodiversity concerns.

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

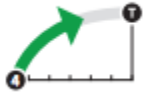
Since limited information is available on the indicators assessment

EN

Adequacy of monitoring information to support assessment

Monitoring related to this target is partial (e.g. only covering part of the area or issue)

By 2016, sustainable coastal zone development master-plan developed and implemented



## 2018 - On track to achieve target

### Targets

By 2016, sustainable coastal zone development master-plan developed and implemented

EN

### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

On track to achieve target

#### Date the assessment was done

05 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

Several efforts were established to develop a comprehensive products related to the ICZM including guidelines, action plan and a bylaw. In addition, a national monitoring system is established at Aqaba since 2001, with recent efforts to identify the species that exists at the Gulf of Aqba such as commercial fishes, hard corals and fishes. The sea-use master plan was developed but still not endorsed by the management authority

EN

### Indicators and Activities

#### Indicator(s) used in this assessment

The indicators are 1) status of coastal and marine ecosystems and anthropogenic impacts assessed, 2) biodiversity sensitive regulatory frameworks adopted for the coastal zone development including a biodiversity oriented spatial zoning plan.

EN

### Level of confidence

#### Level of confidence of the above assessment

Based on comprehensive indicator information

#### Level of confidence of the above assessment

Information on the marine environment exists at Aqaba, though some taxonomic groups are still have to be surveyed

EN

Adequacy of monitoring information to support assessment

Monitoring related to this target is adequate

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.



**2018 - On track to achieve target**

Targets

Wildlife hunting impacts on terrestrial fauna minimized and wildlife utilization sustainable.

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

06 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

Several efforts were performed to assess the status of wildlife and game species at institutional and individual level, where a study has assessed the impact of illegal hunting using facebook post; other efforts have managed to raise awareness and knowledge as well as law enforcement capacities

EN

**Indicators and Activities**

Indicator(s) used in this assessment

Key performance indicators are 1) status of key wildlife and game species assessed, 2) wildlife hunting regulations reviewed, 3) law enforcement capacities of key stakeholders enhanced, and 4) national awareness of hunters and collectors raised.

EN

Any other tools or means used for assessing progress.

Hunter training and awareness, new approach for hunting regulation

EN

Relevant websites, links, and files

<http://migratorysoaringbirds.undp.birdlife.org/en>

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Adequacy of monitoring information to support assessment

Monitoring related to this target is partial (e.g. only covering part of the area or issue)

Regional political conflicts impacts on biodiversity are understood, and national response advocated



### 2018 - Progress towards target but at an insufficient rate

Targets

Regional political conflicts impacts on biodiversity are understood, and national response advocated

EN



## Category of progress towards the implementation of the selected target

Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

Date the assessment was done

06 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

No studies on refugees impact on biodiversity have been performed

EN

## Indicators and Activities

Indicator(s) used in this assessment

Indicators are: 1) impacts of refugees assessed in priority areas, 2) response to refugees impacts on biodiversity piloted, and 3) national guidelines for biodiversity safeguards adopted.

EN

## Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

lack of information on indicators exists, but experts opinions state the impact of refugees on biodiversity

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.



## 2018 - On track to achieve target

### Targets

By 2015, a national program on the implementation of the Cartagena Protocol on Biosafety is effective.

EN

### Category of progress towards the implementation of the selected target

#### Rate of progresses toward the implementation of the selected target

On track to achieve target

#### Date the assessment was done

07 Nov 2018

#### Summary of the assessment of progresses toward the implementation of the selected target

The NBC has established several meeting with decision makers in Jordan regarding the Cartagena protocol, where an initial stakeholders mapping was identified. The bylaw was developed and issued by the Ministry of Environment, but more efforts are needed to develop a national assessment report on the response to Cartagena Protocol

EN

### Indicators and Activities

#### Indicator(s)used in this assessment

Key performance indicators includes: 1) national awareness on the Cartagena Protocol raised and 2) national bylaw on the Cartagena Protocol developed and adopted by the Cabinet.

EN

#### Any other tools or means used for assessing progress.

Bylaw document which was adopted by the MOEnv was used to assess the progress, as well as the various stakeholders consultation meetings which was performed by the NBC

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

As consultation meetings with various stakeholders have been established, an expert opinion was used to assess level of confidence in addition to the indicator information.

EN

Adequacy of monitoring information to support assessment

Monitoring related to this target is partial (e.g. only covering part of the area or issue)

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.



**2018 - On track to achieve target**

Targets

By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is nationally adopted.

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

Despite the delay that has happened in achieving the Nagoya protocol

EN

development in Jordan, but the MOEnv has managed to develop several outputs which are: 1) synthesis report, 2) analytical report, 3) bylaw, 4) concept notes for two pilot projects, 5) capacity need assessment, 6) inventory for users and providers, and 7) code of conduct

### Indicators and Activities

Indicator(s) used in this assessment

Key performance indicators set are: 1) national awareness on the Nagoya Protocol raised, 2) pilot initiatives on the implementation of the Nagoya Protocol implemented, and 3) national regulation for the enforcement of the Nagoya Protocol developed and legally adopted.

EN

Any other tools or means used for assessing progress.

A detailed desktop survey was conducted which has resulted in developing the synthesis report. This has resulted in a comprehensive analytical report that has established the institutional setup, which has supported the development of a bylaw

EN

### Level of confidence

Level of confidence of the above assessment

Based on comprehensive indicator information

Level of confidence of the above assessment

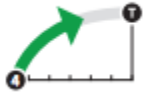
The indicators set in the NBSAP could be followed and assessed directly

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems



## 2018 - On track to achieve target

### Targets

By 2016, national climate change adaptation strategy and action plan is developed and implemented including mainstreaming of biodiversity and ecosystems

EN

### Category of progress towards the implementation of the selected target

### Date the assessment was done

07 Nov 2018

### Indicators and Activities

### Indicator(s) used in this assessment

Key indicators includes 1) understanding of climate change impacts on biodiversity improved, 2) ecosystems resilience to climate change strengthened, 3) national capacities on climate change adaptation enhanced, and 4) national awareness on climate change raised.

EN

### Any other tools or means used for assessing progress.

Several documents can be used for assessing progress including climate change policy, NDCs and National Adaptation Plan as all have included biodiversity and ecosystems within. In addition, several modeling were performed to assess the impact of climate change on biodiversity and ecosystems

EN

### Level of confidence

### Level of confidence of the above assessment

Based on partial indicator information and expert opinion

### Level of confidence of the above assessment

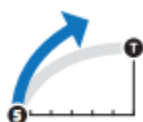
Since limited information exists especially in the marine part of Jordan, then expert judgment is required

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2017, a centralized national environment information system (JEIS) is established and operational



**2018 - On track to exceed target**

Targets

By 2017, a centralized national environment information system (JEIS) is established and operational

EN

**Category of progress towards the implementation of the selected target**

Date the assessment was done

07 Nov 2018

**Indicators and Activities**

Indicator(s) used in this assessment

Key indicators include 1) national initiatives on biodiversity information systems harmonized and integrated, 2) state of national biodiversity report (GIS enabled) published, and 3) series of scientific research protocols on biodiversity research developed and updated regularly

EN

**Level of confidence**

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2018, the national protected areas program reviewed and effectively implemented.



**2018 - On track to achieve target**

Targets

By 2018, the national protected areas program reviewed and effectively implemented.

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

RSCN designed a national process for surveying areas important for biodiversity such as important plant areas. The plan was integrated with annual research plan of Biodiversity Monitoring Center at RSCN. Many areas were assessed by RSCN to evaluate the ecological and biodiversity importance along the Jordan Valley and Eastern Desert. Some of areas were suggested to be declared as protected areas due to its ecological potentials. In addition, RSCN invited key stakeholder to key workshops including define important habitats and biodiversity hotspots for critical ecosystem workshop sponsored by CEPF. Many consultations session were conducted focusing on local communities regarding protected areas establishment at Burqu, Al Dahek, Shoubak area and Petra national park. A national report on Key biodiversity areas were prepared based on a

EN

comprehensive consultation with all relevant stakeholders and NBC members and a series of detailed maps was prepared. A detailed proposal on new protected areas network review was prepared by RSCN. The proposal introduced a new methodology for the review process to assure wide representation of key ecosystems and habitats. It was submitted to Ministry Environment for adoption. literature review was conducted by RSCN to assess available information on situation of ecosystems and proposed protected areas and key biodiversity areas. The protected area review plan has been submitted for different donors in order to secure resources for implementation.

### Indicators and Activities

Indicator(s) used in this assessment

Key targets 1) country assessment of key biodiversity and agro-biodiversity areas finalized and adopted nationally, 2) national protected areas network reviewed and its implementation continued, 3) terrestrial protected areas cover 2% of the total area of the country, 4) marine protected areas cover 10% of the marine and coastal ecosystems in the country, 5) all protected areas are effectively managed and financially sustainable, 6) regulations of special conservation areas and agro-biodiversity hotspots are identified and are incorporated into the new environment law and its bylaws

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Any other tools or means used for assessing progress.

the effectiveness will be assessed on field results of the protected area review

EN

### Level of confidence

Level of confidence of the above assessment

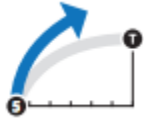
Based on partial indicator information and expert opinion

Adequacy of monitoring information to support assessment

Monitoring related to this target is adequate



By 2020, benefits of key national ecosystems assessed and conservation actions taken.



## 2018 - On track to exceed target

Targets

By 2020, benefits of key national ecosystems assessed and conservation actions taken.

EN

## Category of progress towards the implementation of the selected target

Rate of progresses toward the implementation of the selected target

On track to exceed target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

The MOEnv in collaboration with the government of Germany through GIZ has established a project on mainstreaming ecosystem services into development planning. Through this project several awareness programs and workshops have been conducted. Also, four pilot areas were targeted with economic evaluation and development by a specialized company called GOPA

EN

## Indicators and Activities

Indicator(s) used in this assessment

Indicators are 1) country assessments on ecosystem services valuation undertaken for all key ecosystems, 2) national awareness of ecosystem services and benefits raised for all relevant stakeholders and 3) national protocols for ecosystem valuation adopted.

EN

## Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

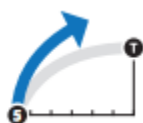
The project results will be collected and described accordingly

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, national basic education program on biodiversity conservation developed and maintained



**2018 - On track to exceed target**

Targets

By 2020, national basic education program on biodiversity conservation developed and maintained

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to exceed target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

Several initiatives have been conducted by the MOEnv to strengthen knowledge at basic education, and enrich curriculum. This was supported by many initiatives performed by NGOs such as RSCN, and JREDS to strengthen knowledge on biodiversity at schools level.

EN

## Indicators and Activities

Indicator(s) used in this assessment

Indicators include 1) basic education curricula reviewed on biodiversity knowledge, and 2) pilot capacity building programs for school teachers implemented.

EN

Any other tools or means used for assessing progress.

Schools curriculum

EN

## Level of confidence

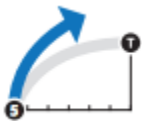
Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, national higher education curricula on biodiversity conservation developed and maintained



**2018 - On track to exceed target**

Targets

By 2020, national higher education curricula on biodiversity conservation developed and maintained

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to exceed target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

The design and development of curricula of biodiversity subjects played important role in building practitioners capacity in implementing conservation programs.

EN

### Indicators and Activities

Indicator(s) used in this assessment

Indicators include 1) nature academy of RSCN established and operational, 2) national capacity assessment on the higher education undertaken 3) a set of pilot biodiversity specific curricula developed with academia, and 4) pilot capacity building programs for selected academic institutions developed

EN

Any other tools or means used for assessing progress.

RSCN developed working relationships with academic experts who are interested in training with RSCN

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

the effectiveness is evaluated based on number of courses conducted.

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented



**2018 - On track to achieve target**

Targets

By 2020, national strategies and action plans for faunal terrestrial and freshwater species at risk developed and implemented

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

The Biodiversity Conservation Monitoring Center at RSCN collects field information about status of terrestrial and freshwater fauna. A series of scientific reports were prepared based on detailed field studies for key and targeted biota. Data on conservation status were collected, analyzed and recommendation for better conservation and management were addressed

EN

**Indicators and Activities**

Indicator(s) used in this assessment

Indicators are 1) status of key terrestrial and freshwater fauna assessed and conservation action plans implemented, and 2) national database for terrestrial and freshwater fauna red list established, updated and addressed in all relevant strategies and action plans.

EN

Any other tools or means used for assessing progress.

based on RSCN's reports

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

Case studies are available at RSCN

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, national strategies and action plans for genetic resources developed and implemented



**2018 - On track to achieve target**

Targets

By 2020, national strategies and action plans for genetic resources developed and implemented

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

The development of the Nagoya protocol will help to move this ahead

EN

### Indicators and Activities

Indicator(s) used in this assessment

Indicators include 1) national assessment of key genetic resources developed and action plans adopted nationally, 2) institutional and technical capacities of the relevant organizations developed and adequate human and financial resources allocated, 3) network of pilot genetic resources reserves established, and 4) genetic resources specific bylaw developed and adopted legally.

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, national strategies and action plans for marine species at risk developed and implemented.



**2018 - Progress towards target but at an insufficient rate**

Targets

By 2020, national strategies and action plans for marine species at risk developed and implemented.

EN

**Category of progress towards the implementation of the selected target**

Date the assessment was done

07 Nov 2018

**Indicators and Activities**

**Level of confidence**

Level of confidence of the above assessment

Based on expert opinion

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, national strategies and action plans for plant species at risk developed and implemented



**2018 - On track to achieve target**

Targets

By 2020, national strategies and action plans for plant species at risk developed and implemented

EN

**Category of progress towards the implementation of the selected target**



Rate of progresses toward the implementation of the selected target

On track to achieve target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

Starting from the recently developed national checklist of Jordanian flora, conservation prioritization was performed using eight prioritization criteria in a point scoring procedure. Jordanian species were ranked according to the results obtained and 100 species were identified as priorities for immediate conservation action. Gaps in *ex situ* and *in situ* conservation were identified at taxon and ecogeographic levels. Potential impact of climate change on species distribution was also used for prioritizing species for conservation and as a criterion for selecting populations for *ex situ* conservation. Priority species for *ex situ* conservation were those with ecogeographic gaps and those predicted to be most negatively affected by climate change

EN

### Indicators and Activities

Indicator(s) used in this assessment

Indicators are 1) national plant conservation strategy adopted nationally and implemented, 2) national plant red list updated and addressed in all relevant strategies and action plans and 3) blacklist is initiated, and management plans for species of high impact developed.

EN

Any other tools or means used for assessing progress.

**The feasibility of applying this study to all species**

EN

Relevant websites, links, and files

<http://royalbotanicgarden.org/>

## Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

**There are clear criteria that have been adopted in the preparation of the study in order to monitor the effectiveness of its application to other plant species.**

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries



**2018 - Progress towards target but at an insufficient rate**

Targets

By 2020, sustainable tourism development is achieved in all protected areas and their peripheries

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

The assessment used available reports in the MoTA and Tourism Sector Development in Jordan (BITS) Project.

EN

### Indicators and Activities

Indicator(s) used in this assessment

Indicators are 1) biodiversity conservation articles adopted for tourism master-planning and development, and 2) regulations for ecotourism development adopted at all levels.

EN

Any other tools or means used for assessing progress.

The review has been completed through Mainstreaming Biodiversity Conservation in the Tourism Sector Development in Jordan (BITS) Project and participation of RSCN.

EN

Relevant websites, links, and files

<http://www.jo.undp.org/content/jordan/en/home/projects/mainstreaming-biodiversity-conservation-in-tourism-sector-develo.html>

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

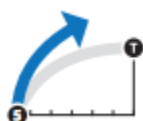
The progress and lessons learned are documented by Tourism Sector Development in Jordan (BITS) Project

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, traditional knowledge on biodiversity promoted and maintained



**2018 - On track to exceed target**

Targets

By 2020, traditional knowledge on biodiversity promoted and maintained

EN

**Category of progress towards the implementation of the selected target**

Rate of progresses toward the implementation of the selected target

On track to exceed target

Date the assessment was done

07 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

The MOEnv in collaboration with UNDP has developed the Nagoya protocol on access and benefits sharing, where a local communities traditional knowledge was clearly reserved based on this bylaw articles. In addition, a pilot project was prepared to be implemented by the Royal Botanic garden aiming to conserve and document the traditional knowledge in Jordan. This project is expected to support the effective implementation of the Nagoya protocol in Jordan. Moreover, several other initiatives have been implemented in Jordan to document the traditional knowledge where the Royal Botanic garden has published a booklet about medicinal plants and the traditional knowledge associated with. The Royal Society for the Conservation of Nature has implemented a project on medicinal plants use at Mujib reserve and its associated traditional knowledge. Regarding fauna species, a study conducted by Aloufi and Eid, 2016 on zootherapy where local communities usage of fauna species derivatives have been identified

EN

## Indicators and Activities

Indicator(s) used in this assessment

Indicators include: 1) national assessment of traditional knowledge undertaken and a country report published, 2) research protocol for biodiversity traditional knowledge documentation developed and adopted nationally, and 3) national action plans for biodiversity traditional knowledge adopted.

EN

Any other tools or means used for assessing progress.

Medicinal Plants project and published guides and literature related to traditional knowledge

EN

Relevant websites, links, and files

[https://www.researchgate.net/publication/306013538\\_Zootherapy\\_A\\_study\\_from\\_the\\_Northwestern\\_region\\_of\\_the\\_Kingdom\\_of\\_Saudi\\_Arabia\\_and](https://www.researchgate.net/publication/306013538_Zootherapy_A_study_from_the_Northwestern_region_of_the_Kingdom_of_Saudi_Arabia_and)

## Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

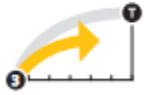
Data are available but it need to be reviewed, compiled and prepared into an action plan

EN

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems.



## 2019 - Progress towards target but at an insufficient rate

Targets

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels for both terrestrial and marine ecosystems.

EN

### Category of progress towards the implementation of the selected target

Date the assessment was done

09 Apr 2019

### Indicators and Activities

### Level of confidence

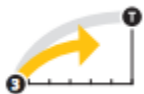
Level of confidence of the above assessment

Based on expert opinion

Adequacy of monitoring information to support assessment

No monitoring system in place

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems



## 2018 - Progress towards target but at an insufficient rate

Targets

By 2020, development pressures from anthropogenic sources are reduced to sustainable levels or both terrestrial and marine ecosystems

EN

### Category of progress towards the implementation of the selected target

Rate of progresses toward the implementation of the selected target

Progress towards target but at an insufficient rate

Date the assessment was done

05 Nov 2018

Summary of the assessment of progresses toward the implementation of the selected target

Several efforts have been made in means of integrating biodiversity into land-use master plans and even the sea-use master plan at the Gulf of Aqaba. In addition, a specialized training on SEA has been implemented and targeted relevant stakeholders including the MOEnv. However, several shortcoming exists in the EIA bylaw development, develop and disseminate the sensitivity maps.

EN

### Indicators and Activities

Indicator(s) used in this assessment

Key performance indicators set include: 1) national EIA bylaw is effective and integrated into related national and sub-national development planning, 2) strategic environmental assessments as integral to the EIA bylaw, 3) national database for biodiversity hotspots updated, 4) national and sub-national land use plans adequately address biodiversity, and 5) all impacts of development projects associated with the biodiversity hotspots eliminated or at least minimized.

EN

### Level of confidence

Level of confidence of the above assessment

Based on partial indicator information and expert opinion

Level of confidence of the above assessment

Experts opinion is needed especially to measure the progress in reviewing the current EIA bylaw as well as reviewing the mainstreaming of biodiversity into land-use and sea-use master plans

EN

Adequacy of monitoring information to support assessment

Monitoring related to this target is partial (e.g. only covering part of the area or issue)

## Section IV. Description of national contribution to the achievement of each global Aichi Biodiversity Target

### 1. Awareness of biodiversity values

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

Several forums, projects, initiatives, movies and activities were performed to raise the knowledge and awareness toward biodiversity values including:

1. Mainstreaming ecosystem services into development planning
2. mainstreaming Rio conventions into sectoral policies and provisions
3. Biodiversity in tourism sector
4. Mainstreaming marine ecosystem services into development planning
5. Strengthen human resources legal framework and institutional capacities to implement the Nagoya protocol

EN

examples on movies created to raise awareness are

1. Documentary on biodiversity values in protected areas (Petra, Dibeena and Wadi Rum PAs)

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

Knowledge sharing of Nagoya project activity at the global level. In addition, regional forums on biodiversity were held in Lebanon and UAE with an effective participation of Jordan. The ministry of Environment responsible biodiversity exert engaged in the Mediterranean Conference related to resilience targets, as well as other multilateral conventions conference of parties such as Ramsar and CBD.

EN

### 2. Integration of biodiversity values



Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

A study to evaluate ecosystem services in Yarmouk (Deciduous Oak), Wadi Karak (Steppe vegetation), and Ain Ghazal (steppe vegetation) has been conducted within the context of the sustainable use of ecosystem services in Jordan project. Biodiversity and protected areas are communicated with the Ministry of Municipalities to be integrated as part of the land-use master plan. The Ministry of Environment is developing the nature Protection bylaw, which will be used as a tool for future conservation and planning of biodiversity values.

EN

The United Nations Statistics Division (UNSD), in collaboration with the United Nations Economic and Social Commission for Western Asia (ESCWA), organized a training program in 2018 to strengthen the capacity of the countries of Western Asia and North Africa in support of the worldwide implementation of the SEEA 2012 Central Framework and environment-related Sustainable Development Goals indicators.

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

A study tour to different countries have been conducted regarding ecosystem services mainstreaming into development planning, in addition to the participation of representatives from Jordan in the ESP conference which was held in Amman city as well as other countries

EN

### 3. Incentives

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The Environmental law 6 of 2017, a specific articles have been issued related to "polluter pay". In addition, the penalties have been strengthen and described based on the national target set in the NBSAP

EN

### 4. Use of natural resources

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The EIA bylaw has been reviewed, where articles on biodiversity have been added. This review includes the integration of biodiversity hotspot areas, protected areas and special conservation areas to create a sensitive biodiversity mapping.

EN

## 5. Loss of habitats

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The political and economic situation in Jordan has put a huge burden on habitats and biodiversity, and threatening their status. Habitat loss and fragmentation in forests is considered high due to the limited area which is less than 1%. Major threats to forests are represented by urbanization, woodcutting and firing. Marine habitats are also in serious threats of habitats loss due to the high conflict over the limited resources available. Other habitats in Jordan such as wetlands, desert and mountainous terrain are moderately to highly affected by human expansion and climate change effects. Jordan government issued several legal framework, policies, strategies to conserve habitats and minimize degradation and habitats loss. In addition, land-use and sea-use plans were created to aid the conservation efforts. Land degradation report was prepared by the Ministry of Environment and sent to the secretariat of the desertification convention.

EN

## 6. Sustainable fisheries

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

Fish stock assessment study was implemented in 2012, to give a holistic ideas on fish stock in Jordan, identify the potential impact on the marine degradation, conduct projection on fish status and develop appropriate fisheries management plan. This study was followed by a detailed assessment of fisheries stock at the Gulf of Aqaba conducted by the Royal Marine Conservation Society of Jordan (JREDS). This study aimed to identify fish stock, gear used and socio-economic status of fishermen at Aqaba. The result of this study supported decision making process, where tools and equipment's were provided to fishermen to fish in the pelagic sea, avoiding coral reef areas. Recently, a comprehensive review of the fisheries bylaw and licencing system regulation will be reviewed by various stakeholders.

EN

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

A collaboration has been established between Jordan and PERSGA to strengthen the knowledge about fisheries in the Red Sea area

EN

## 7. Areas under sustainable management

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

Licensing and Guidance Directorate at the Ministry of Environment formulated a committee to evaluate the investment activities and issue approvals based on land-use plans and other factors.

EN

## 8. Pollution

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The Ministry of Environment is the focal point of different chemical conventions such as Basel, Minamata, Stockholm, and Rotterdam to apply national commitments to dispose of hazardous chemicals compounds such as PCBs. The government disposed more than 100 tons of PCBs contaminated equipment's in internationally licenced facilities. At Aqaba, a zero-discharge policy was adopted by the Aqaba Special Economic Zone Authority and strict regulations and bylaws were developed to prevent any pollutants from flowing to the sea. The environmental law 6 of 2017 included strict articles related to pollution prevention.

EN

## 9. Invasive Alien Species

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

A list of invasive species was initially provided, illustrating major invasive species of fauna and flora in Jordan. Jordan implement CITES convention which is considered a tool to prevent the introduction of invasive species, and a continuous capacity building programs are provided to raise the capacities of custom staff members and other stakeholders on identifying CITES vs non-CITES species. Some initiatives have been established to eradicate the Prosopis within the Jordan rift valley, and recently an efforts is made at Aqaba to monitor and define the status of the invasive cat species in order to prepare the necessary action plan for eradication.

EN

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

The international invasive species database managed by the IUCN invasive species specialist group was updated. In addition, a regional workshop was held in Greece to assess the status of plants in the Mediterranean.

EN

## 10. Vulnerable ecosystems

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The vulnerability assessment was made to biodiversity and ecosystems as well as coastal areas and its results were provided in the Third National Communication report which was communicated with the UNFCCC. In addition, the Ministry of Environment has developed its NDCs where ecosystems and biodiversity sector was included. Moreover, National Adaptation Plan is currently in the process of development where ecosystems and biodiversity sector was identified as a key sector. Measures taken were represented by the development of action plans and strategies such as the Integrated Coastal Zone Management, and a modeling for climate change impact and effects on protected areas was developed.

EN

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

A curriculum was developed by the Royal Society for the Conservation of nature (RSCN) in collaboration with the Hanns Seidel Foundation to mainstream for mainstreaming climate change in protected areas planning, and it was provided for decision makers and practitioners from the MENA region

EN

## 11. Protected areas

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The current natural protected areas coverage is 1.6%, yet Jordan did not reach the global target identified of 17%. The Aqaba Marine Park covers 25% of the total coastline area, thus Jordan fulfilled its commitment, despite the fact the marine park was not included within the Jordan's network on protected areas. In addition, several special conservation areas were declared by the Government of Jordan, which will raise the percentage of land protected areas to 1.7%. All PAs and SCAs are managed in close collaboration with local communities were small to medium enterprises are

EN

established. Two biosphere reserves were announced by the UNESCO which are Dana and Mujib Biosphere Reserves. In addition, Wadi Rum Protected area was announced by UNESCO as a world heritage site. Currently, the Ministry of Environment is developing the Nature protection bylaw which will support as a legal tool to review the existing protected areas network and identify the underpinned areas, that need protection measures. All PAs and SCAs are managed through an approved management plan by the Ministry of Environment, and a periodic reporting scheme is established to follow-up and monitor the progress made by each entity responsible for the conserved areas management.

For more details about protected areas in Jordan can visit the below links:-

<https://unbiodiversitylab.org/>

<http://jo.chm-cbd.net/>

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

Jordan supported several countries in the region through the Royal Society for the Conservation of Nature in establishing and managing protected areas. In addition, several PAs and SCA were applied for the Green List of protected areas developed by IUCN

EN

## 12. Preventing extinctions

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The status of species in Jordan is in serious threat due to several reasons including habitat degradation, over-exploitation and invasive species expansion. The recent assessment of flora of Jordan showed that 32% of the assessed plants species are threatened with extinction. In addition, more than 60% of mammals in Jordan are also threatened but no assessment have been made to the other groups so far. Concerning endemism, Jordan is generally host low endemism, where a single species of fresh-water fish (Azraq killifish) is consider endemic to the Azraq wetland area. However, 11 species of hard corals were recorded as endemic to the Red Sea. There are seven endemic species of plants, and around 106 near endemic species of

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plants in the Levant area. Jordan has published the first two volumes of the Flora Red List by the Royal Botanic garden as a tool to guide decision making process in species conservation and development. In addition, the IUCN ROWA is currently in the process of publishing the mammals red list assessment.

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

Several regional Red List assessment have been conducted for species (fauna and flora) in the Arabian Peninsula with an effective participation by Jordanian experts and scholars.

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### 13. Agricultural biodiversity

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The National Agricultural Research Center is the focal point for the International Treaty for Plant Genetic Resources. In addition, NARC are performing a continuous efforts to conserve the crop wild relatives. The Royal Botanic Garden has established a propagation program at the RBG nursery for crop wild relatives and threatened species. Also, restoration programs are planned to be conducted by the RBG

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Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

NARC signed a MOU with RBG at UK to collaborate and share benefits to collaborate and share knowledge on flora of Jordan. Another collaboration with Center for genetic resources at the University of Wageninden in the Netherlands for five years period (2015-2020) focusing on conservation of crop wild relatives mainly vegetable crops.

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### 14. Essential ecosystem services

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

Ecosystems in Jordan are diverse due to the different climatic conditions, and it provide different services including provisioning, regulatory, cultural and supporting services, which all contributes to human welfare.

Ecosystem services concept was enhanced through sustainable use of ecosystem services into development planning in Jordan which is managed by the Ministry of Environment. This project has supported various stakeholders to enhance their

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knowledge and understanding toward ecosystem services through various means including: i) translation of VALUes curriculum for ecosystem services mainstreaming into development planning to Arabic, implementing several pilot case study areas along the Jordan rift valley, iii) implement several exchange programs and awareness workshops, iv) establish several strategies and guidelines related to ecosystem services in Jordan.

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

A regional workshop on ecosystem services was held in Jordan with the participation of a huge number of experts and practioners from the region, and even international level

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## 15. Ecosystem resilience

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

A restoration program for Dibeen Forest Reserve was initiated by the Ministry of Environment, to be implemented by RSCN to restore areas that was exposed to fires and enhance its resilience. In addition, restoration program for corals reefs was conducted by the Aqaba Special Economic Zone Authority after transferring the ports at Aqaba.

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## 16. Nagoya Protocol on ABS

Description of how and to what extent your country has contributed to the achievement of this Aichi Biodiversity Target

The Ministry of Environment took on its responsibility to advance national capacities to fulfill the international obligation of the Nagoya protocol. Thus, a workshop was held to enhance the knowledge and awareness of stakeholders and the national biodiversity committee on Nagoya protocol and its regulations. This steps were followed by resource mobilization, where Jordan was selected as part of a global project aiming to strengthen the institutional capacities toward the Nagoya protocol and building trusts between users and providers.

Therefore, the ministry started working on the project activities, where a synthesis report was prepared followed by analytical report which was the base of developing the institutional setup and the legal framework that

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govern the access to genetic resources and its associated traditional knowledge.

Through Nagoya global project, a draft by-law is being finalized which contain the frame work of implementing the protocol in Jordan. After discussions with different stockholders it was decided to assign the Ministry of Environment as the National focal point and National Competent Authority for the Nagoya protocol. Checkpoints are still to be listed and identified.

Jordan government did not obtained any financial support to complete the interim report

Other activities contributing to the achievement of the Aichi Biodiversity Target at the global level

Jordan participated in the ABS global project booklet where 27 countries showcase their work and a case study on ABS. The booklet will be published and presented in a side event at the Cop 14 of the biodiversity in Egypt.

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## 17. NBSAPs

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The NBSAP was updated through the national biodiversity committee reflecting national prioties and Aichi targets within.

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## 18. Traditional knowledge

Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

The Ministry of Environment has developed an inventory of users and providers in Jordan, and a concept was prepared to establish a detailed survey on traditional knowledge through the RBG. The Nagoya bylaw has also established clear articles which protect the rights of local communities in their traditional knowledge and involve them in the decision making process through PIC and MAT.

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## 19. Biodiversity knowledge



Description how and to what extent the country has contributed to the achievement of this Aichi Biodiversity Target

Knowledge on biodiversity from Jordan is relatively good especially that checklists for flora, mammals, reptiles, amphibians, freshwater and marine fishes. Recently, a study contributed to enhance biodiversity knowledge on hard corals are available. The Ministry of Environment has established a training program for relevant stakeholders on the use of CHM in order to use this database as a deposit of all information related to biodiversity. In addition, several other databases was created by various entities on biodiversity, and are available upon request.

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## 20. Resource mobilization

### Section V. Description of the national contribution to the achievement of the targets of the Global Strategy for Plant Conservation

#### **Jordan does not have national targets related to the GSPC Targets**

Information on any active networks for plant conservation

The Royal Botanic Garden was established in Jordan to conserve native Jordanian flora, and it was nominated by the ministry of environment in 2016 as the focal point of GSPC. The nomination was after publishing the NBSAp, therefore, all international targets were adopted at the national level

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Major measures taken by your country for the implementation of the Global Strategy for Plant Conservation

Main measures represented by: 1) publishing and updating the annotated checklist of flora of Jordan, 2) update the national Red List of flora of Jordan and publish its results online, 3) finalize the plant strategy and prepare it for national adoption, 4) implement a national outreach program for the adoption of the plan, 5) implement development plans of national herbarium, seed bank, 6) ensure native flora conservation through ecological restoration, providing a research and demonstration site to address the environmental challenges, 7) protect one of the special conservation area (garden site in Tal Al- Rumman) with an area of 2 square kilometer with an effective and sustainable management, 8) create a protected area for the 580 species at Tal Al-Rumman and the creation of five habitat areas focuses on the conservation of signature Jordanian tree species and their associated understory cover, giving priority to endangered species in all propagation and

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conservation programs.

In addition, the Royal Botanic Garden works to preserve the wild vegetation outside its environs and inside the Royal Botanic Garden campus, and it works to restore and represent five threatened plant habitats, finalize the plant strategy and prepare for national adoption, implement a national outreach program for the adoption of the plan.

The Royal Botanic Garden, in cooperation with relevant institutions, is working on a national plan for the protection of genetic resources through encourage planting wild native plants. It also cooperates with the Royal Society for The Conservation of Nature as The national body responsible for the implementation of CITES where RBG organizes training courses for the stakeholders as well. Moreover, RBG contributes to this goal by including this within the site management plan, implement a set of pilot initiatives using community based approaches to biodiversity conservation and sustainable rangeland management

(Al Hima), and prepare a series of case studies on participative rangeland management and biodiversity

The Royal Botanic Garden contributes to achieving this goal in the future by: 1) its commitment to the implementation of the ABS protocol signed by the Government of Jordan, 2) collects and documents local knowledge, and this is included in the database, 3) publishes scientific papers on the importance of native plants and their popular use, 4) contributes to this goal by including it in vision of the institution and its vision for future work, 5) establishing a communication and awareness program, 6) holding national and regional workshops to build the capacity of a team dedicated to plant conservation and sustainable development, 7) participate in all national committees concerned with plant conservation, and 8) act an active member of the International Plant Conservation Union.

1. An online flora of all known plants

2. An assessment of the conservation status of all known plant species, as far as possible, to guide conservation action

3. Information, research and associated outputs, and methods necessary to implement the Strategy developed and shared

4. At least 15 per cent of each ecological region or vegetation type secured through effective management and/or restoration

5. At least 75 per cent of the most important areas for plant diversity of each ecological region protected with effective management in place for conserving plants and their genetic diversity

6. At least 75 per cent of production lands in each sector managed sustainably, consistent with the conservation of plant diversity

7. At least 75 per cent of known threatened plant species conserved in situ

8. At least 75 per cent of threatened plant species in ex situ collections, preferably in the country of origin, and at least 20 per cent available for recovery and restoration programmes

9. 70 per cent of the genetic diversity of crops including their wild relatives and other socio-economically valuable plant species conserved, while respecting, preserving and maintaining associated indigenous and local knowledge

10. Effective management plans in place to prevent new biological invasions and to manage important areas for plant diversity that are invaded

11. No species of wild flora endangered by international trade

12. All wild harvested plant-based products sourced sustainably

13. Indigenous and local knowledge innovations and practices associated with plant resources maintained or increased, as appropriate, to support customary use, sustainable livelihoods, local food security and health care

14. The importance of plant diversity and the need for its conservation incorporated into communication, education and public awareness programmes

15. The number of trained people working with appropriate facilities sufficient according to national needs, to achieve the targets of this Strategy

16. Institutions, networks and partnerships for plant conservation established or strengthened at national, regional and international levels to achieve the targets of this Strategy

#### Section VI. Description of the national contribution to the achievement of the targets of indigenous peoples and local communities

No information available

#### Section VII. Updated biodiversity country profile

Biodiversity facts : Status and trends of biodiversity, including benefits from biodiversity and ecosystem services and functions:

Jordan unique location in the intersection of three continents supported the presence of various climatic conditions, which resulted in diverse ecosystems, habitats and species. Four biogeographical zones occurred in Jordan, which are the Mediterranean, Irano-turanian, Saharo Arabian and the Sudanian Penetration Zone, and 13 vegetation types have been evolved which contains a variety of species from Palearctic, Afrotropical and oriental origins. Of its 2,500 recorded species of vascular plants, representing about 1% of world flora, 100 are endemic, including *Iris petraea*, Jordan's floral emblem, *Cousiniadayi*, *Plantago maris-mortui*, *Crucianella transjordanica*, *Centaurea procurrens*, *Scrophularia nabataerum*, *Tamarix tetragyn*, and *T. palaestina*. Medicinal plants are particularly important in Jordan, with a total of 485 species with curative or preventive health values. The diversity of faunal species is also extraordinary with the presence of 83 species of mammal, 106 herpetofauna species, 15 freshwater fish species, and 436 bird species. Its avifauna

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is especially rich because of Jordan's geographical location on a major route for migratory birds along the Great Rift Valley. The diversity of species in Aqaba is also unique noting the limited coastline area, where 155 species of hard corals were recorded, and more than 500 species of fishes. In addition to sponges, snails, crabs and sea turtles. Twenty percent of the mollusks and echinodermata are endemic. Although invertebrates are estimated to form more than 70% of Jordan's total number of faunal species, due to lack of comprehensive research, the exact number is unknown.

Main pressures on and drivers of change to biodiversity (direct and indirect)

Threats to biodiversity in Jordan are largely induced by anthropogenic activities. These include intensive agricultural practices, use of agrochemicals, over-grazing, excessive hunting, unplanned development, urbanization, and pollution. They have led to the destruction of natural habitats and ecosystems, afflicting large mammal populations the most, as well as plant diversity due to species being isolated, and thus losing their genetic diversity and facing a higher risk of extinction. The First World War was the most destructive period for Jordan. A railroad was built across the country, greatly affecting the surroundings and also requiring timber for train fuel. During the Second World War, repeating rifles and vehicles were introduced, facilitating hunting to the point of depleting some wildlife to extinction. In some cases, animals left their natural environments but moved to other environments incapable of hosting such high populations. This was the case for deer, which fled the eastern desert to areas away from humans but that could not provide a suitable habitat.

Over the last 120 years, many native Jordanian species have been lost and become nationally extinct, and plant diversity is facing a dramatic decline. In total, Jordan hosts 47 globally threatened species, as classified by the IUCN Red List. Out of its 78 species of mammals, 12 species are globally threatened, including the Arabian Oryx, Nubian Ibex and its three gazelle species, Dorcas Gazelle, Goitered Gazelle and one recently thought to be nationally extinct: the Mountain Gazelle *Gazella*

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gazelle. The Arabian Oryx has become nationally extinct due to excessive hunting and the Nubian Ibex was about to follow suit, but its population was brought back through captive breeding programs. There are also 15 globally threatened bird species present in Jordan, the most notable of which are the Houbara Bustard *Chlamydotis undulate* and the Saker Falcon *Falco cherrug*. There are 375 rare or very rare species of plants, 150 species are endangered, 18 of which are globally endangered on the IUCN list, and 75 are considered extinct. In the Gulf of Aqaba, many of the coral species are globally endangered and protected by several international conventions and treaties, such as the red and black corals. In situ conservation is advanced in Jordan, where a network of 18 protected areas were identified and proposed, targeting a 15% cover of Jordan's total area by 2017; 4 are under establishment and 8 are now operating through a national NGO—The Royal Society for the Conservation of Nature (RSCN)—making it a uniquely decentralized form of management. In addition, the Government through Aqaba Special Economic Zone Authority (ASEZA) is managing Wadi Rum World heritage Site, and the Aqaba Marine Park; the only marine conserved area in Jordan.

Moreover, Special Conservation Areas were established in Jordan, and they are managed by different NGOs such as the Royal Botanic Garden, and Al Mawa for Nature and Conservation. Thirty-four rangeland reserves have also been declared, in the 3 categories of steppe reserves, desert reserves, and highland reserves, to manage and conserve vegetation cover by minimizing wood collection and grazing, managing watersheds and improving livestock quality and animal husbandry. These rangeland reserves, however, for various reasons, have not proven to be very effective.

Additionally, 27 Important Bird Areas (IBAs) have been identified by BirdLife International, covering 8.5% of Jordan's total area. Many IBAs are located in established protected areas, hence 7 are already protected; others are located in future proposed protected areas, however, there are still some IBAs for which no protection is planned. Thirteen Important Wetland Areas have also been identified, to help protect nationally and internationally important water and other

threatened birds.

As a scarce resource in the area, water is constantly in high demand—a trait which has not been beneficial to Jordan’s environment. The tip of the Gulf of Aqaba hosts the only sea port of Jordan and has therefore been engulfed by many anthropogenic activities in the last 50 years. A few cases are known where the coral reefs have been damaged because of algal blooms, pollution and human impact. Although the marine Aqaba Reserve, spanning the only “natural” 7 km left of the coast, has been established, legislation is not yet clear or enforced enough for coastal conservation. The Azraq Oasis, which used to be a major stopping point for migratory birds, was pumped dry in 1992, and has lost much of its biodiversity and ecological value. However, conservation efforts have been in place to supply the oasis with water, attracting back a fraction of the biodiversity that used to be present.

Overall actions taken to contribute to the implementation of the Strategic Plan for Biodiversity 2011-2020

Jordan’s Ministry of Environment recently underwent comprehensive reform, and can now be considered as representing best practice in Jordan in terms of strengthening public administration. Through an agreement with the Ministry of Environment, the non-governmental organization The Royal Society for the Conservation of Nature (RSCN) plays a significant role in biodiversity conservation in Jordan. Not only does it manage all of Jordan’s protected areas and carry out surveys, but under the 2000 Agricultural Law No 44 is also recognized as an agency enforcing hunting laws. Ural Law No. 44, is also recognized as an agency enforcing hunting laws, in coordination with the Forestry Department rangers, the army, and the police. Additionally, the RSCN also cooperates with the Border Authority and the Ministries of Environment and Agriculture to control and monitor the invasion of alien species.

The overall legislative framework is in place but still requires further development. Most conventions and legislation for environmental protection are implemented through different government agencies. There are a total of 18 acts and 8 regulations, including articles dealing with animal protection

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to decrease pressure on species at risk and by-laws for the identification and establishment of protected areas. Although no specific laws for alien invasive species exist, there are several by-laws and regulations that address this issue, including site-specific regulations within the country's nature reserves. Inspection campaigns on industrial facilities were intensified by the Ministry of Environment to verify compliance with environmental regulations. Furthermore, the Ministry has also promoted application of strategic environmental assessments and introduced new techniques to treat medical and solid wastes.

Jordan first published its National Environment Strategy (NES) in 1991, the first of its kind in the Middle East. Following that, after the ratification of the Convention on Biological Diversity, Jordan's NBSAP (2003) focused on five strategic goals: 1) conservation and sustainable use of biodiversity and productivity of ecosystems through in situ conservation 2) promoting understanding of ecosystems and need for conservation 3) conservation of basic natural resources like soil, water, plant cover and climate 4) development of supporting incentives and legislation for conservation and sustainable use, and 5) cooperation and benefit-sharing of genetic resources with other countries. Projects and priority actions were outlined in the NBSAP, according to the themes of: Flora and Fauna Resources, Protection of Natural Resources, Agricultural Resources, Mineral Resources and Industry, Land Use and Water Resources, Economy, Legislation, and Awareness. In addition, cross-cutting strategies to address the synergies between the three conventions were also prioritized. These include: knowledge management, technical training and technology transfer, sustainable institution coordination mechanism, using research for policy-making, resource mobilization, and local community empowerment and mobilization. In July 2012, Jordan had initiated activities to update its NBSAP. To facilitate monitoring and coordinate activities among the police department, the RSCN and the Ministries of Agriculture and Environment, the "environmental police" system was established in 2006. The National Biodiversity Steering Committee was also established to review



implementation during the process of developing the NBSAP, with committee members comprised of high-level representatives from relevant governmental and non-governmental organizations who gather once a year to review the status of implementation in Jordan. The Technical Advisory Group, composed of technical advisors and focal points within institutions, also assists in the process by advising the Steering Committee on relevant issues.

#### Mechanisms for monitoring and reviewing implementation

The content of this biodiversity profile is still draft. The text below has been prepared by SCBD and remains subject to final approval by the Party concerned. To facilitate monitoring and coordinate activities among the police department, the RSCN and the Ministries of Agriculture and Environment, the “environmental police” system was established in 2006. The National Biodiversity Steering Committee was also established to review implementation during the process of developing the NBSAP, with committee members comprised of high-level representatives from relevant governmental and non-governmental organizations who gather once a year to review the status of implementation in Jordan. The Technical Advisory Group, composed of technical advisors and focal points within institutions, also assists in the process by advising the Steering Committee on relevant issues.

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