

CEBioS[®]

The CEBioS programme
Belgian Institute for Natural Sciences
and
Belgian Development Cooperation

20 May 2015, Cape Town, South Africa
RBINS, OD Nature, CEBioS

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Royal Belgian Institute Natural Sciences (RBINS)



Expertise and people at RBINS, OD Nature

We have expertise in

- Ecology
- Molecular biology
- Nature conservation and protection
- Biodiversity
- Chemistry
- Hydrodynamics
- Modeling
- Databases
- Image processing

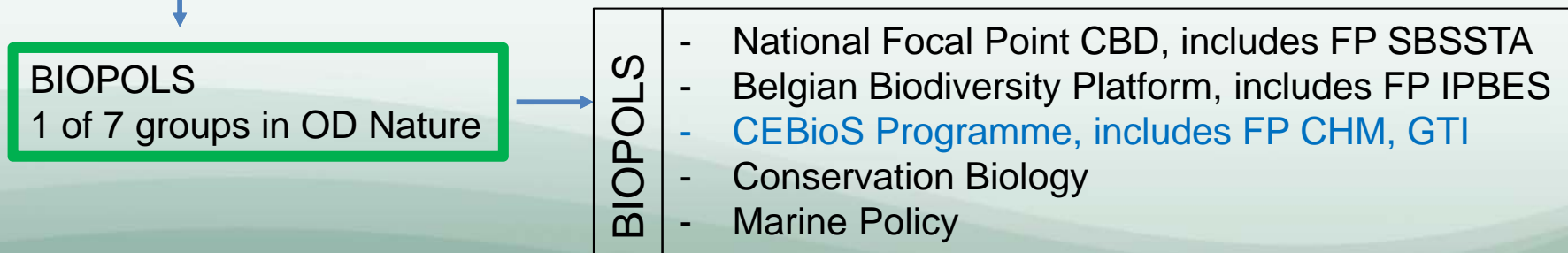
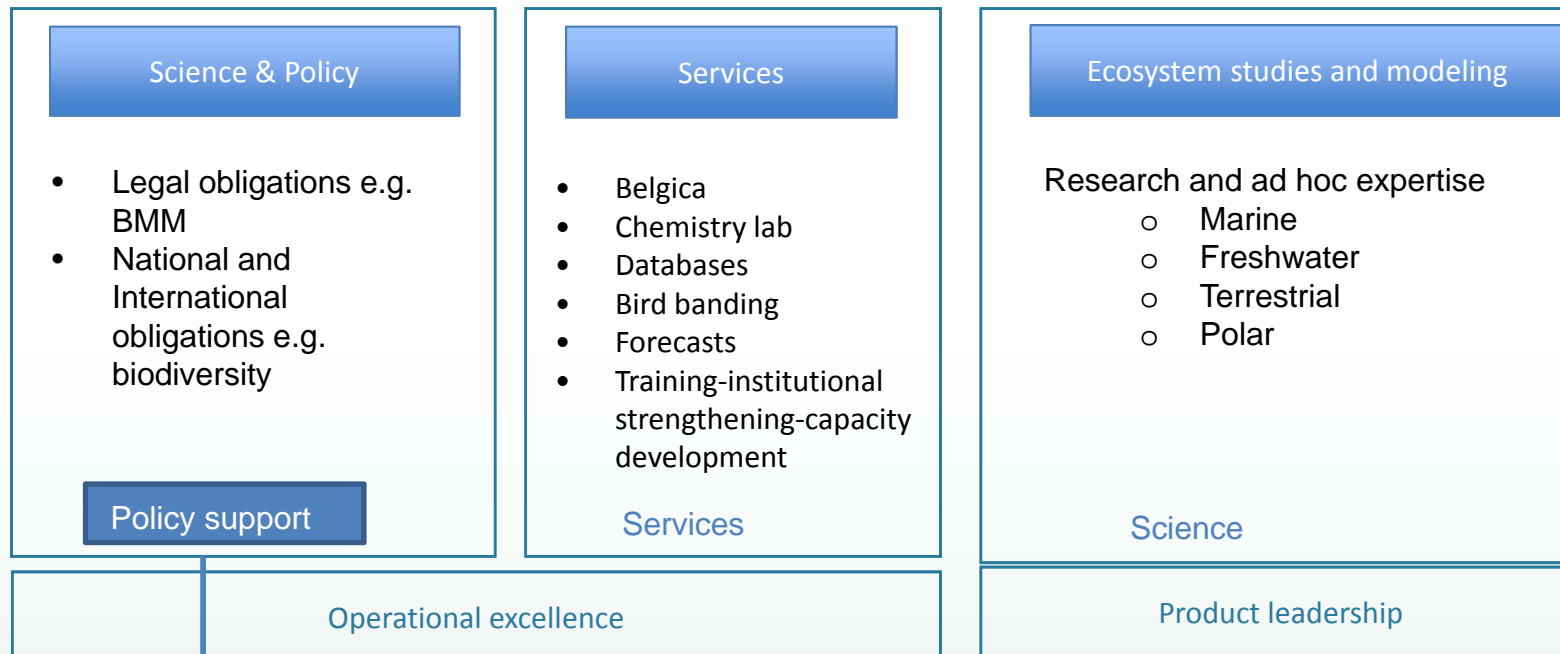
We cover

- The terrestrial environment
- The freshwater environment
- The marine environment
- Worldwide

We are

- About 100 people
- Spread over 3 locations
- Large and diverse expertise
- Strong reputation in the respective fields

Royal Belgian Institute Natural Sciences Operational Direction Natural Environment



The CEBioS programme

(part of BIOPOLS, part of OD Nature, RBINS)

The screenshot shows a web browser window with the URL <http://cebios.naturalsciences.be>. The website header features the CEBioS logo and a search bar. Below the header is a navigation menu with links for Home, News, Photos, and Links. A large banner image shows a wooden boat on a lake. Below the banner is a navigation menu with links for ABOUT US, PROGRAMME, CALLS, PARTNERSHIPS, and DOCS. The main content area is titled 'Latest news' and contains three news items. The first item is a link to a 'Compendium on Protected Area Governance and Management launched at 6th World Parks Congress' with a post date of 02/12/2014. The second item is a link to a 'Call for application for IFS Individual Research Grants' with a post date of 26/11/2014. The third item is a link to a 'Presentation on the use of bushmeat in the Forest area of Kisangani region (DRC) by trainee Casimir Nebesse' with a post date of 25/11/2014. To the right of the news items is a text block explaining the CEBioS programme. The Windows taskbar at the bottom shows the time as 16:12 on 17/12/2014.

Capacities for Biodiversity and Sustainable Development

Home News Photos Links

ABOUT US | PROGRAMME | CALLS | PARTNERSHIPS | DOCS

Latest news

- [Compendium on Protected Area Governance and Management launched at 6th World Parks Congress](#) [posted on: 02/12/2014]
- [Call for application for IFS Individual Research Grants](#) [posted on: 26/11/2014]
- [Presentation on the use of bushmeat in the Forest area of Kisangani region \(DRC\) by trainee Casimir Nebesse](#) [posted on: 25/11/2014]

The CEBioS programme is carrying out capacity building for partners of the Belgian cooperation in the field of biodiversity conservation and sustainable management linked to poverty eradication. It works in the framework of international obligations of Belgium under the [Convention on Biological Diversity \(CBD\)](#), the [EU biodiversity strategy to 2020](#) and the [Belgian biodiversity strategy 2020](#).

CEBioS stands for 'Capacities for Biodiversity and Sustainable Development' and is also known as 'the DGD-RBINS programme'.

The CEBioS programme is housed and executed at the [Royal Belgian Institute of Natural Sciences \(RBINS\)](#), where it belongs to the Operational Directorate 'Nature'. CEBioS is part of the 'BIOPOLS' group (Belgian forum for biodiversity policy) and is closely associated with the [Belgian Focal Point to the Convention on Biological Diversity \(CBD\)](#).

The CEBioS programme is financed by the [Directorate-General for Development Cooperation](#)

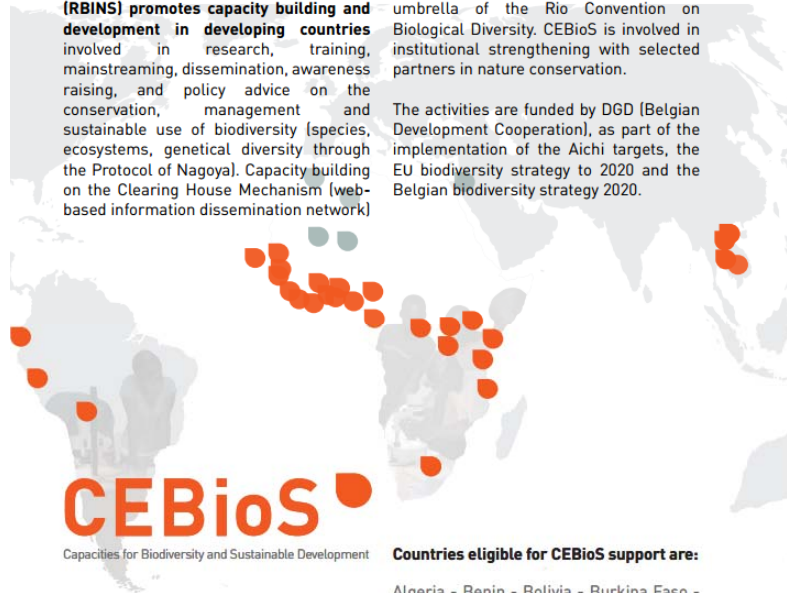
Flyer/ poster

Biodiversity and sustainable development go hand in hand

'Capacities for Biodiversity and Sustainable Development' (CEBioS) at the Royal Belgian Institute of Natural Sciences (RBINS) promotes capacity building and development in developing countries involved in research, training, mainstreaming, dissemination, awareness raising, and policy advice on the conservation, management and sustainable use of biodiversity (species, ecosystems, genetical diversity through the Protocol of Nagoya). Capacity building on the Clearing House Mechanism (web-based information dissemination network)

in national focal points for biodiversity and in the context of the Global Taxonomy Initiative (GTI) is undertaken under the umbrella of the Rio Convention on Biological Diversity. CEBioS is involved in institutional strengthening with selected partners in nature conservation.

The activities are funded by DGD (Belgian Development Cooperation), as part of the implementation of the Aichi targets, the EU biodiversity strategy to 2020 and the Belgian biodiversity strategy 2020.



CEBioS
Capacities for Biodiversity and Sustainable Development

Countries eligible for CEBioS support are:

Algeria - Benin - Bolivia - Burkina Faso - Burundi - Cabo Verde - Cambodia - Cote d'Ivoire - DR Congo - Ecuador - Gambia - Ghana - Guinee - Guinee Bissau - Kenya - Laos - Liberia - Mali - Morocco - Mozambique - Niger - Nigeria - Palestinian Territory - Peru - Rwanda - Senegal - Sierra Leone - South Africa - Tanzania - Thailand - Togo - Uganda - Vietnam.

<http://cebios.naturalsciences.be>
coordination: ljanssens@naturalsciences.be



CEBioS

Capacities for Biodiversity and Sustainable Development



Online

- <http://cebios.naturalsciences.be>

Supporting biodiversity & sustainable development

- Short term research grants (taxonomy & marine modelling)
- Workshops in the South (taxonomy, ecology, marine modelling)
- Institutional cooperation with nature conservation agencies & universities in Benin, Burundi, DR Congo, Peru & Vietnam
- Capacity building for information exchange in eg.: Sub-Saharan Africa
- Awareness raising activities on biodiversity
- Special publications

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museum
Operational Directorate Natural Environment
OD Nature | OD Natuur | DO Nature

belspo

Objectives for developing countries

Study biodiversity - Share information - Raise awareness



Preserving biodiversity for future generations

Multilateral, European and national framework:

Convention on the Biological Diversity (Rio: biodiversity, desertification, climate change)

CBD strategic plan for biodiversity 2011-2020, including 20 Aichi biodiversity targets

Nagoya protocol on Access and Benefit Sharing (ABS)

EU 2010-2020 Biodiversity strategy


Belgian National Biodiversity Strategy 2006-2016


- The programme represents the RBINS in the « Consortium of scientific partners » of the CBD as one of the centres of excellence stimulated by recent Conferences of the Parties (COP) for CBD
- Some members of the team are 'pilots' for several dossiers negotiated at the COP (SBSSTA, GTI, CHM)

6 strategic objectives (2013-2023)

Transversal themes

Biodiversity and ecosystem services for the reduction of poverty

 OS6 : Strengthening awareness and capacities concerning the **Protocol of Nagoya** in Belgium and in the partner countries

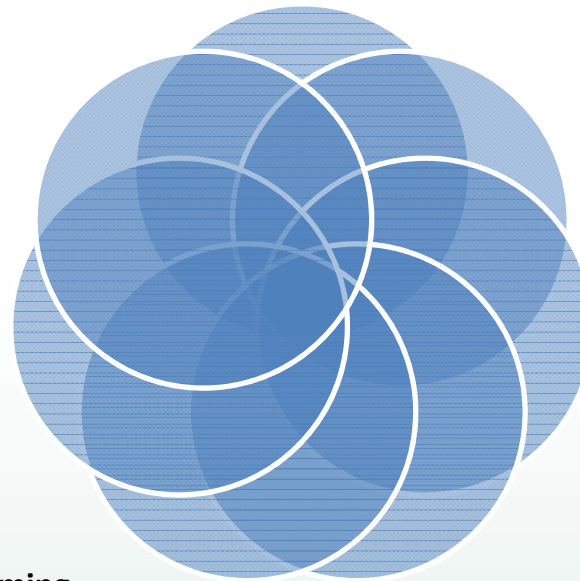
 OS5 : Strengthening knowledge about **measuring, reporting and monitoring** of political choices and interventions

OS4 : **Mainstreaming biodiversity and ecosystem services** in the political sectors linked to development cooperation

OS3 : Contribution to **public awareness**

**OS 1 :
Strengthening the
scientific and
technical
knowledge base**

OS 2 : Strengthening the **exchange and the use of information** in a.o. governance



Where is CEBioS involved?

In 2014, we worked with **12 countries** around the world, implementing capacity building activities ranging from **individual and group training** to supporting partner institutions manage their day-to-day activities. For CHM workshops in situ (not given on the map), there were participants from Burkina Faso, Niger, Togo, Liberia and Guinea-Bissau.



10 year strategy 2014-2023

5 year programme 2014-2018 (6 M Euro)

**Annual budget from DGD: 1,2 M Euro
+ external projects (VLIR-UOS, Belspo, ...)**

Generic modalities

Eligibility criteria

e.g. relevance to development, poverty alleviation, track record, country, scientific level, relevance to biodiversity

Interventions

1. Calls for grants (GTI/ OS1) for training, research in taxonomy/ ecosystem services
 - Open within constraints of eligibility criteria
 - Competitive
 - 1 internal call/year: for scientists of RBINS → South
 - 1 external call/year: from Southern scientists → Belgium
2. Calls for information/awareness projects (CHM/OS1, OS2, OS3):
 - Open or directed
 - competitive
 - 1 call/year for CHM webmasters
 - 1 call/year for awareness raising / awareness base lines
3. Institutional partnerships with a.o. Burundi, DR Congo, Benin, Peru and Vietnam and related research projects
4. Publications
5. Setting-up of national web sites (CHM/ OS2)
6. Workshops and training in South and North

Specific objectives

OS 1 : Strengthening the **scientific and technical knowledge** base

GLOBAL TAXONOMY INITIATIVE

- **Training of individual scientists** from developing countries at RBINS and Belgian institutions: skills (e.g. taxonomy, modelling), research, publications, access to collections and archives (15-20 per year)
- **In situ training**, individual or in workshops, on data collection, research skills, collection management etc....(several per year, a.o. in Vietnam, RD Congo, Burundi)
- **Publication and dissemination** of AbcTaxa manuals, Lexicon
- **Institutional strengthening**
 - RD Congo: ICCN, UNIKIS (→CSB)
 - Burundi: INECN
 - Benin: Université Abomey-Calavi (UAC) – LEA
 - **Vietnam: IMER**
 - Peru: IMARPE

IMAB



Specific objectives

OS 2 : Strengthening of the **exchange and the use of information** in a.o. governance

CLEARING HOUSE
MECHANISM

- **In situ training of individual** civil servants from developing countries of national focal points : PTK Content Management System software , building a CHM web site and continuous input/maintenance of CHM
- **In situ CHM workshops**, national or regional
- **CHM network** development
- **Distance coaching**, distance learning on CHM
- **Digitalising and providing access** to Archives of National Parks of RD Congo

CHM: a performant tool

The Clearing-House Mechanism (CHM)

= The main tool for cooperation under the CBD.

It refers to a **international process** dealing with three issues:

1. the **exchange of information**
2. how to **increase technical and scientific cooperation**
3. how to **develop efficient networks of experts**

...The CHM network is composed of interconnected international, thematic and national websites such as the Belgian CHM website



CHM and GTI web pages

Vietnam still not in CHM network

Specific objectives

OS 3 : Contribution to **public awareness**

- **Local projects on the dissemination of information** to the large public, schools, events, posters, brochures, stakeholders meetings: e.g. in Madagascar, Benin, Niger, Burundi, DR Congo
- **Public awareness** in the North about biodiversity issues in the South
- **Dissemination** of research output resulting from OS1 through CHM
- Lexicon and other publications, abstracts, posters, brochures, articles

OS4 : **Mainstreaming biodiversity and ecosystem services** in the political sectors linked to development cooperation

- **Training** of civil servants in Belgium
- **Advice** to national authorities (DGD, Belgian pilots on CBD files...)
- Applying **ODA** Biodiversity components of CBD, Aichi and EU 2010-2020 in Belgian National Strategy 2006-2016
- Development and dissemination of EU reporting tool on Aichi targets
- Follow-up as Belgian pilot of CBD thematic areas
- South-South cooperation

Some publications for specific target groups



Specific objectives

OS5 : Strengthening knowledge about **measuring, reporting and monitoring** of political choices and interventions

- Collecting relevant **information** in close cooperation with other relevant authorities (ministries, regional focal points)
- **Advice** to national authorities (DGD, Belgian pilots on CBD files...)
- Reporting tool for EU
- Research projects (South Initiative, Brain...)

OS6 : Strengthening awareness and capacities concerning the **Protocol of Nagoya** in Belgium and in the partner countries

- Collecting relevant **information** in close cooperation with other relevant authorities (ministries, other focal points)
- **Advice** to national authorities (DGD, Belgian pilots on CBD files ...)
- **Mainstreaming** ABS in the **South**
- **Collaboration with Belgian ABS focal point** to develop ABS section on Belgian CHM

long term vision

- **National:** further strengthening and integration of cooperation with all **biodiversity-development actors** at RBINS (OD Natural environment and OD Taxonomy and phylogeny), MRAC, universities and national authorities (SPF ENV, Belspo)
- **International:**
 - Visibility
 - Presence in international fora and networks, e.g. through GTI and CHM focal points and others (IUCN, IPBES, RAMSAR)

- to offer **professional services** to researchers at RBINS and in developing countries
- To offer and generate **expertise about ecosystem functions and services** linked to development to decision makers and ecosystem managers (e.g. GIS)
- To participate in international capacity building initiatives and international policy (CBD, UNEP)



Niche:

**Centre of reference/excellence
Biodiversity and development**



