



United Nations
Educational, Scientific and
Cultural Organization

UNESCO Man and Biosphere Programme - An Overview



MAB Programme

**Intergovernmental
Scientific programme
launched in 1971 by
UNESCO General
Conference**

**to seek answers as how
humanity was affecting the
biosphere and what could
be done to avoid further
degradation**



MAB Programme



Le programme MAB
Viure dans la biosphère et la protéger



BIODIVERSITÉ

CONSERVATION

RECHERCHE

SURVEILLANCE
CONTINUE

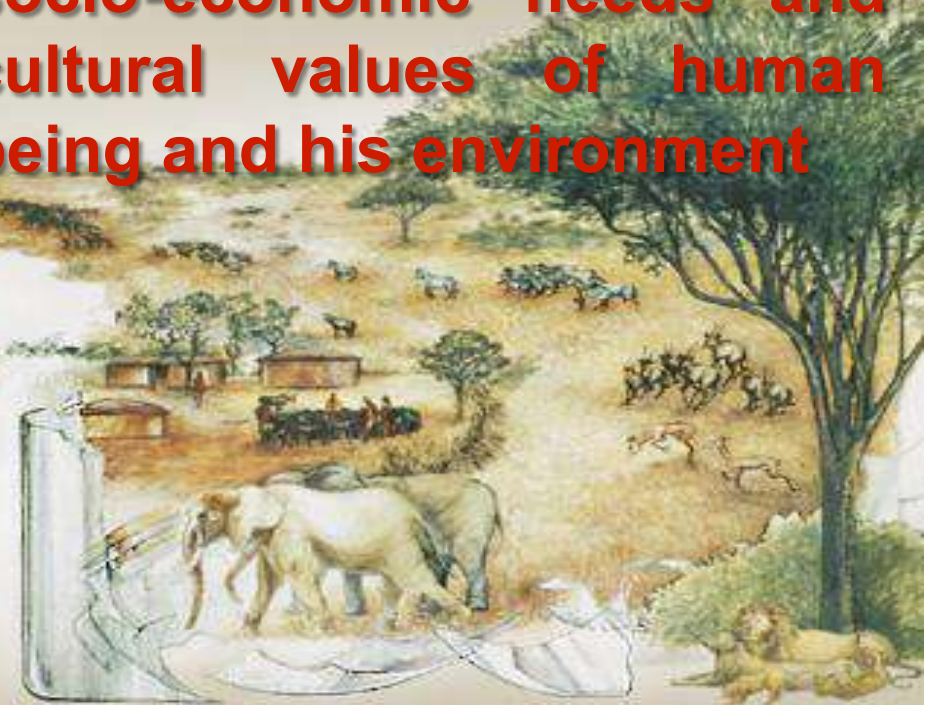
ÉDUCATION

FORMATION

DÉVELOPPEMENT
DURABLE



Reconcile conservation of biological diversity with human development through a better understanding of the relationships between the socio-economic needs and cultural values of human being and his environment



MAB integrated approach



The MAN and the BIOSPHERE PROGRAMME

integrated, interdisciplinary and holistic approach

Biodiversity, Ecosystem/socio ecological **research**



Biosphere reserves network



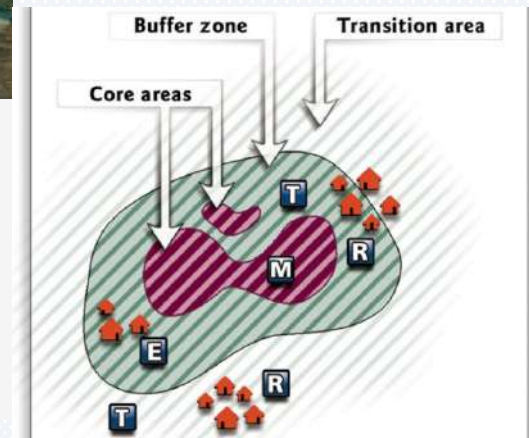
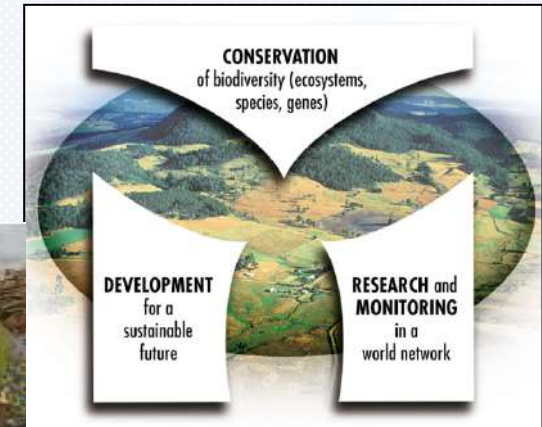
- International **scientific cooperation**
- **Knowledge** generation and sharing
- **Training and Capacity** building

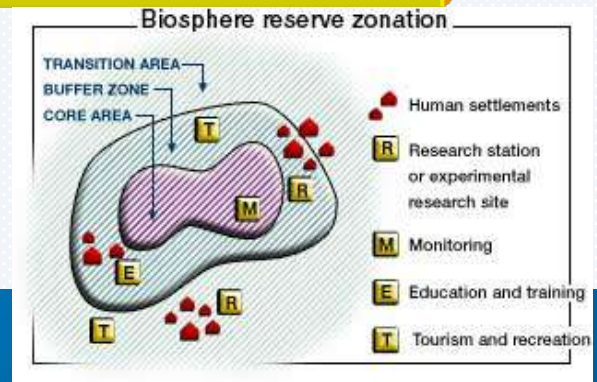
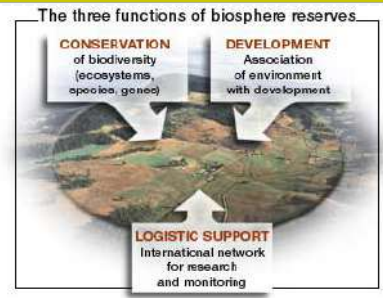
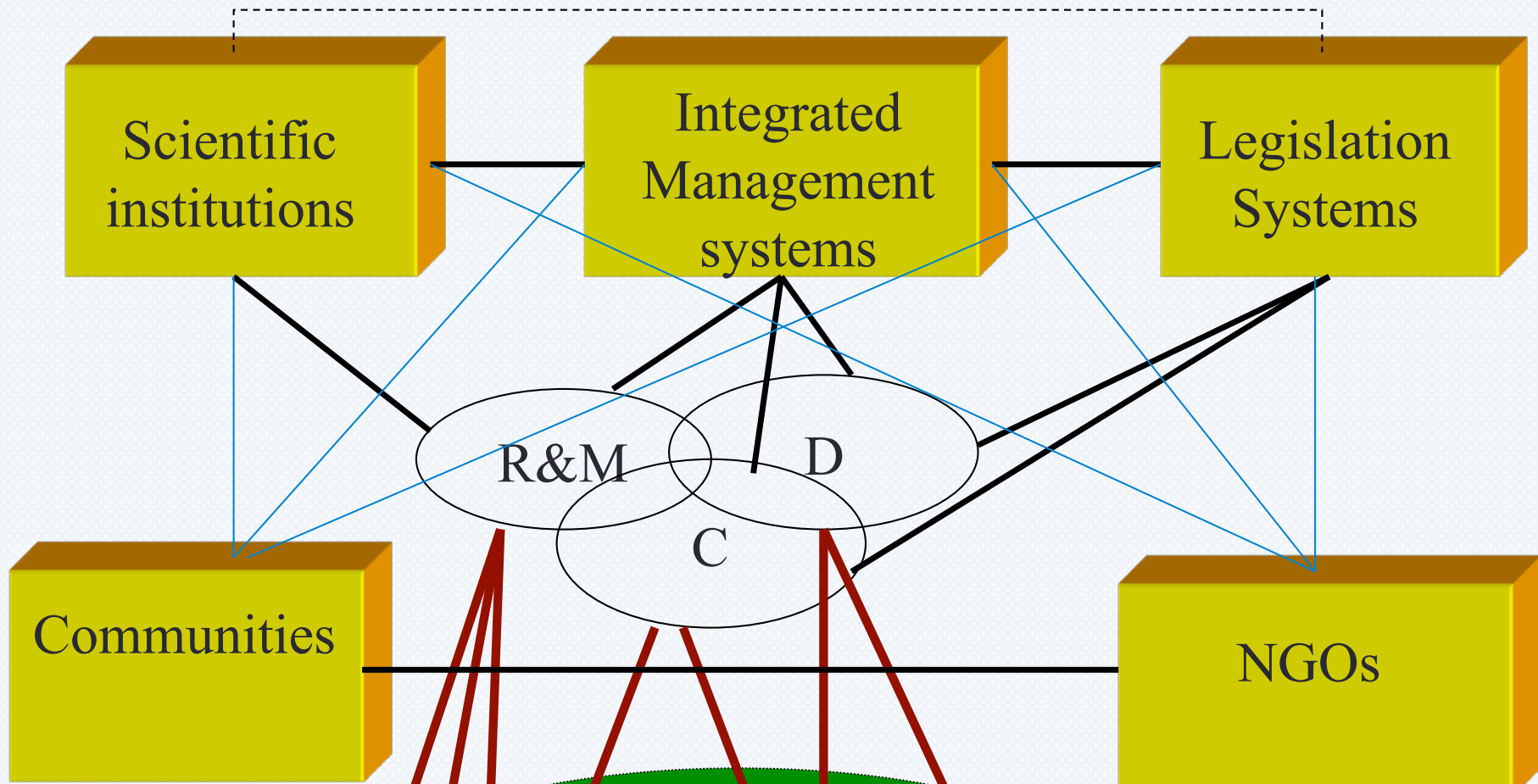
BR functions and zonation scheme

Conservation and sustainable use of ecosystems, species and genetic resources;

Fostering economic and human development; and

Supporting the use of education and training, monitoring and other interventions to establish and sustain context specific relationships between conservation and development





BR and Ecosystem services

A biosphere reserve should fulfil the objective of fostering sustainable economic and socio-cultural development, including by securing flows of ecosystem services from the biosphere reserve.

Nomination form:

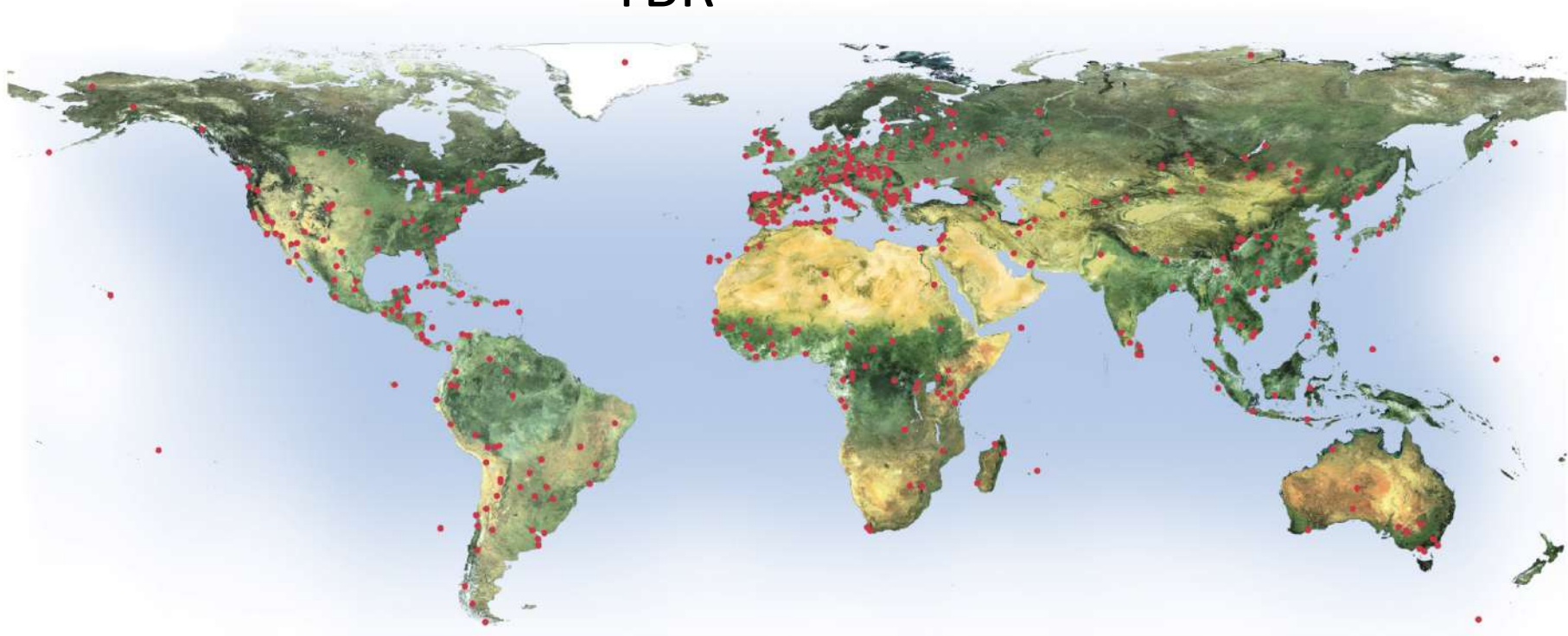
- **Identify the ecosystem services provided by each ecosystem of the biosphere reserve and the beneficiaries of these services.**
- **Specify whether indicators of ecosystem services are used to evaluate the three functions (conservation, development and logistic) of biosphere reserves.**
- **Describe biodiversity involved in the provision of ecosystems services in the biosphere reserve (e.g. species or groups of species involved)**
- **Specify whether any ecosystem services assessment has been done for the proposed biosphere reserve (link to management plan)**

BR where people live in harmony with nature





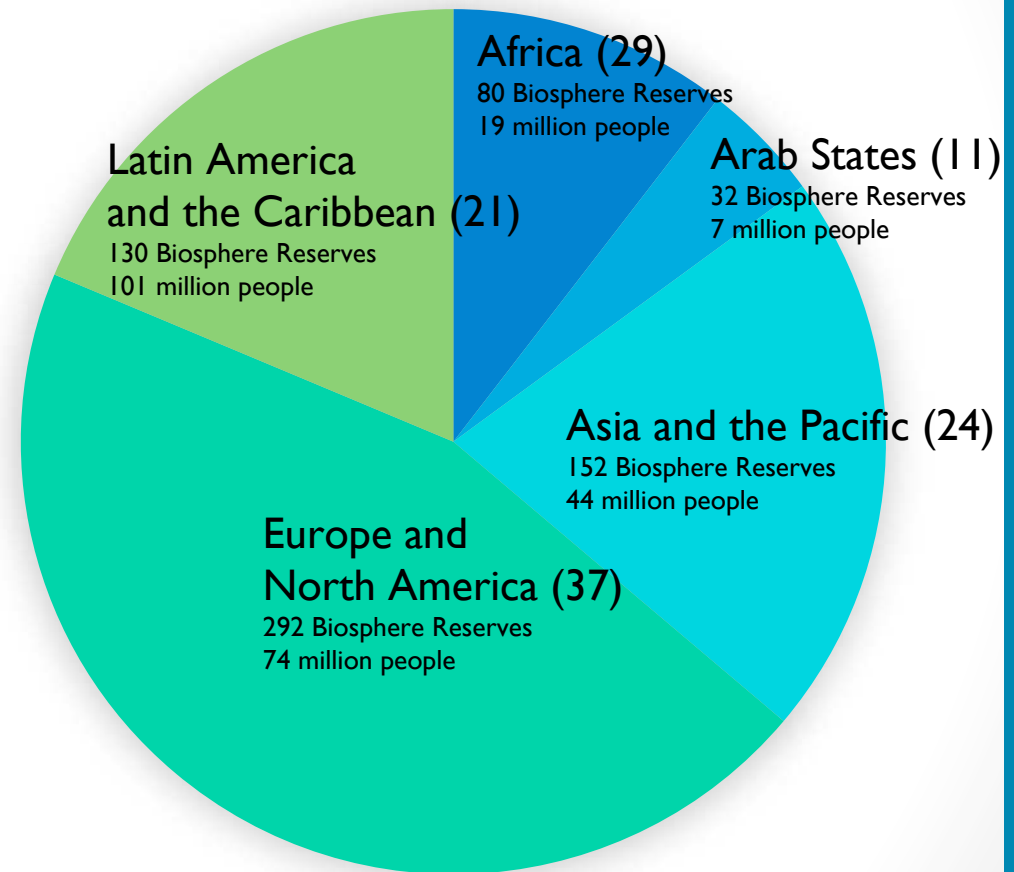
As of today the WNBR comprises
669 sites in 122 countries, 20
TBR



The World Network of Biosphere Reserves

NATURAL SCIENCES

- **669** Biosphere Reserves
- In **120** countries
- **20** transboundary (Africa: 3, Europe & NA: 12, LAC: 3)
- Including 2 **transcontinental** BR Intercontinental del Mediterraneo (Europe/Arab States) and Great Altay (Europe/Asia & Pacific)
- Home to almost **256 million** people
- Total Area: **735 million** ha





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The MAN and the BIOSPHERE PROGRAMME

BRs in SSA

- 80 BR in 29 SSA countries
- +10 % du réseau mondial
- 3 transboundary sites
- **77,5 millions ha**
- **19,6 millions inhabitants**

