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The MAN and the BIOSPHERE PROGRAMME

# **Biosphere Reserves of the Man and Biosphere (MAB) Programme**

## **Possibilities and opportunities**

**Meriem Bouamrane**

Programme Specialist

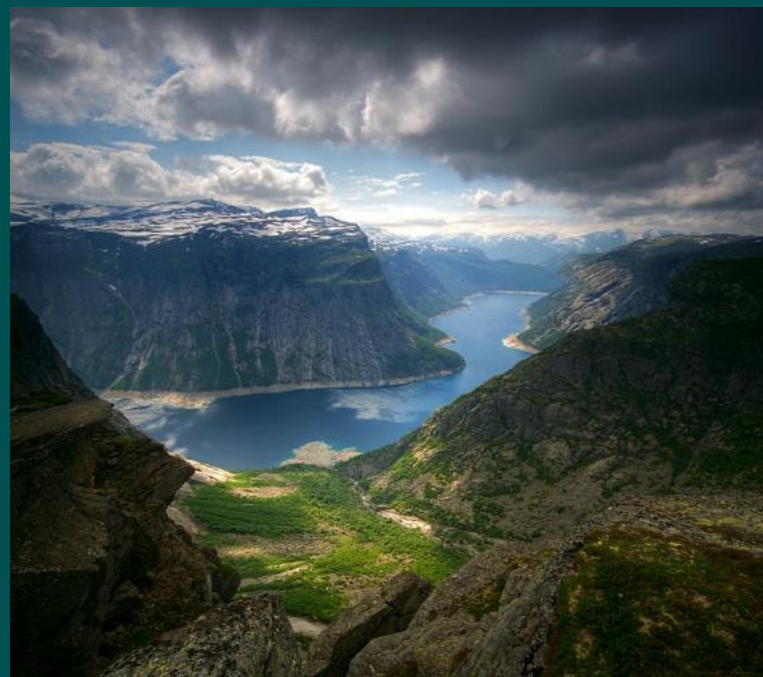
UNESCO /MAB

Paris

**Bergen, Norway**

24-26 March 2014

Norwegian National Commission  
For UNESCO



<http://atlasobscura.com>



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# Man and the Biosphere (MAB) Programme

Intergovernmental scientific programme aiming at laying scientific basis for the improvement of people - environment relationships.

## Commitment to sustainable development through

- Biodiversity, Ecosystem/socio ecological research
- ↕
- **World Network of Biosphere Reserves** (621 in 117 countries)
- ↕
- Networking
- Partnerships
- Training and Capacity building





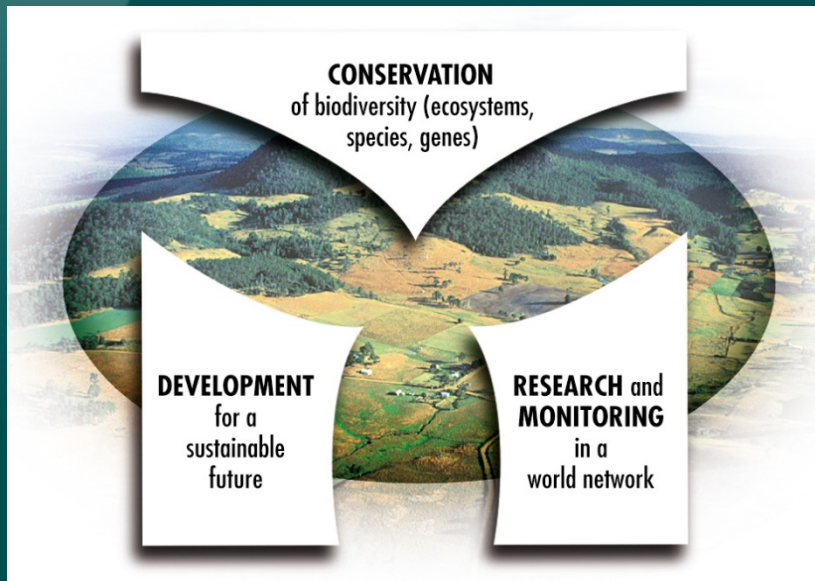
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# Biosphere Reserve

## 3 interconnected functions



Conserve biological and cultural diversity

Propose innovative approaches to sustainable development

Promote research, monitoring, education and training



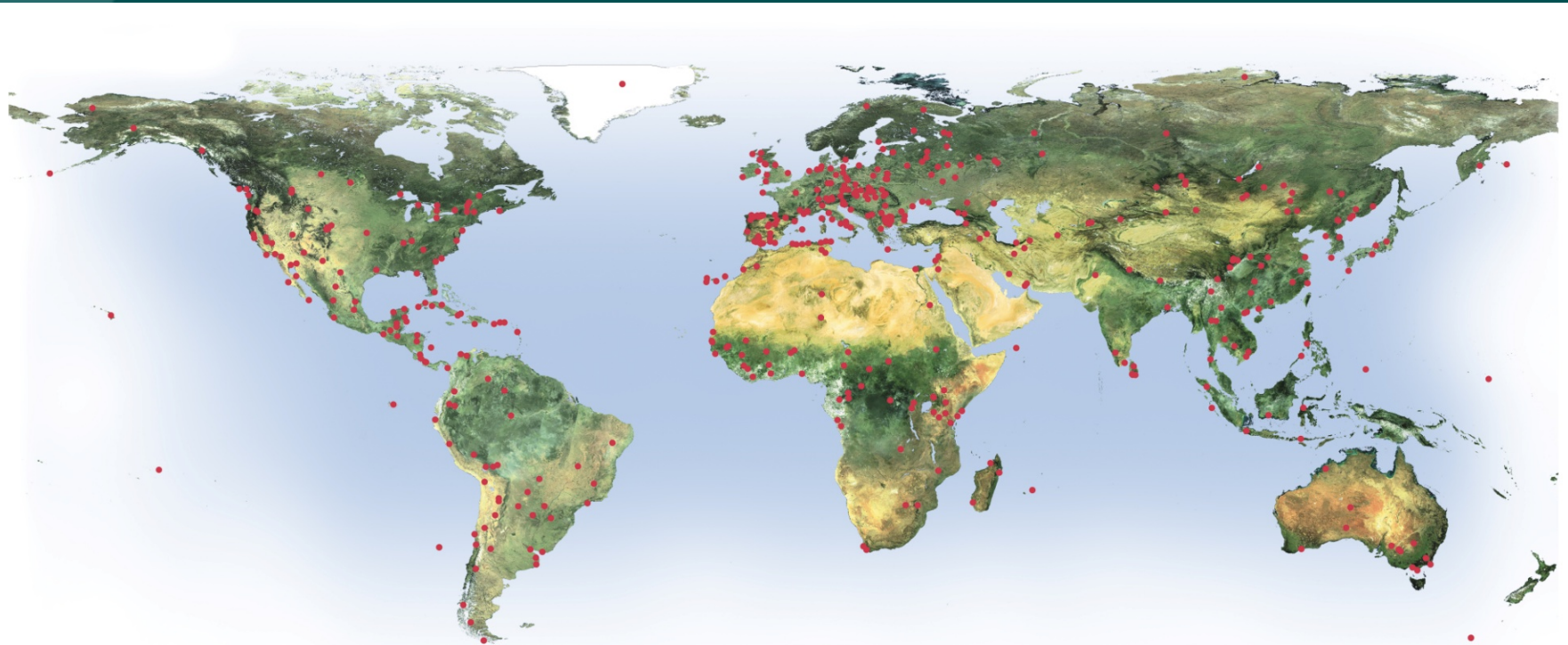
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**Today, the World Network of  
Biosphere Reserves comprises  
621 sites in 117 countries (2013)**







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# Connecting...

- Scales
- Ecosystems
- People
- Knowledge and know-how
- Time .....





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## Connecting ecosystems and scales

→ Delta du Rhone Biosphere Reserve (ex Camargue) in France.

Periodic review : 2000

Extension started in 2004: 13 117 ha to 178 000 ha



Méandre du Rhône aux Saintes-Marie-de-la-Mer

© J.E. Roché, PNR Camargue



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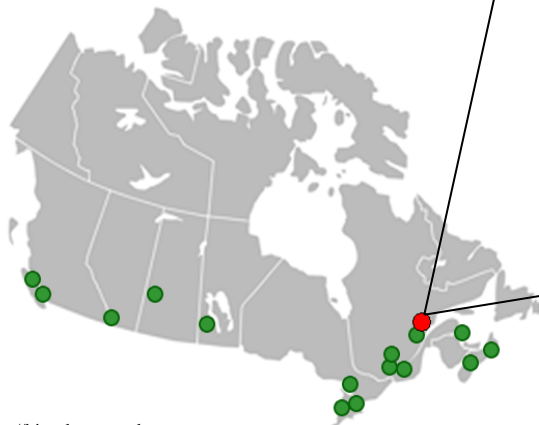


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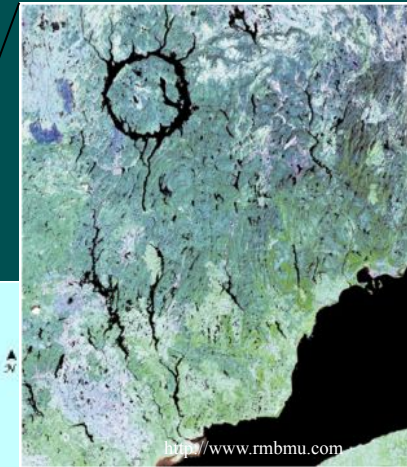
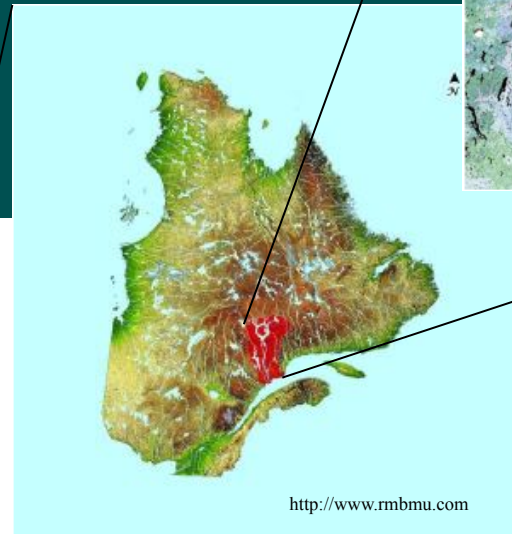
# Manicouagan-Uapishka BR, Canada



## Canada's Biosphere Reserves



<http://biospherecanada.ca>





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# Manicouagan-Uapishka BR, Canada

## I Economic activities:

- Hydroelectricity and aluminium production
- forest industries
- mining industries
- commercial fishing and navigation
- tourism

## I Main Challenges :

- Economic diversification
- Urbanisation
- Climate change
- Biodiversity loss
- Cultural diversity loss



@Manicouagan-Uapishka nomination form





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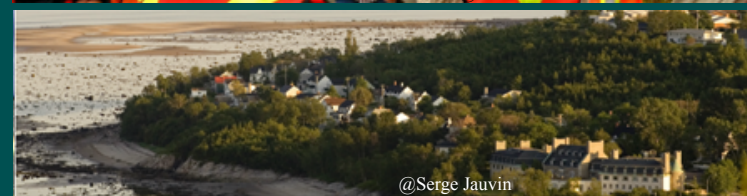
## Some achievements

Successfull partnerships & cooperation plans with local firms

Governing structure involving all stakeholders with an ambitious and innovative management plan

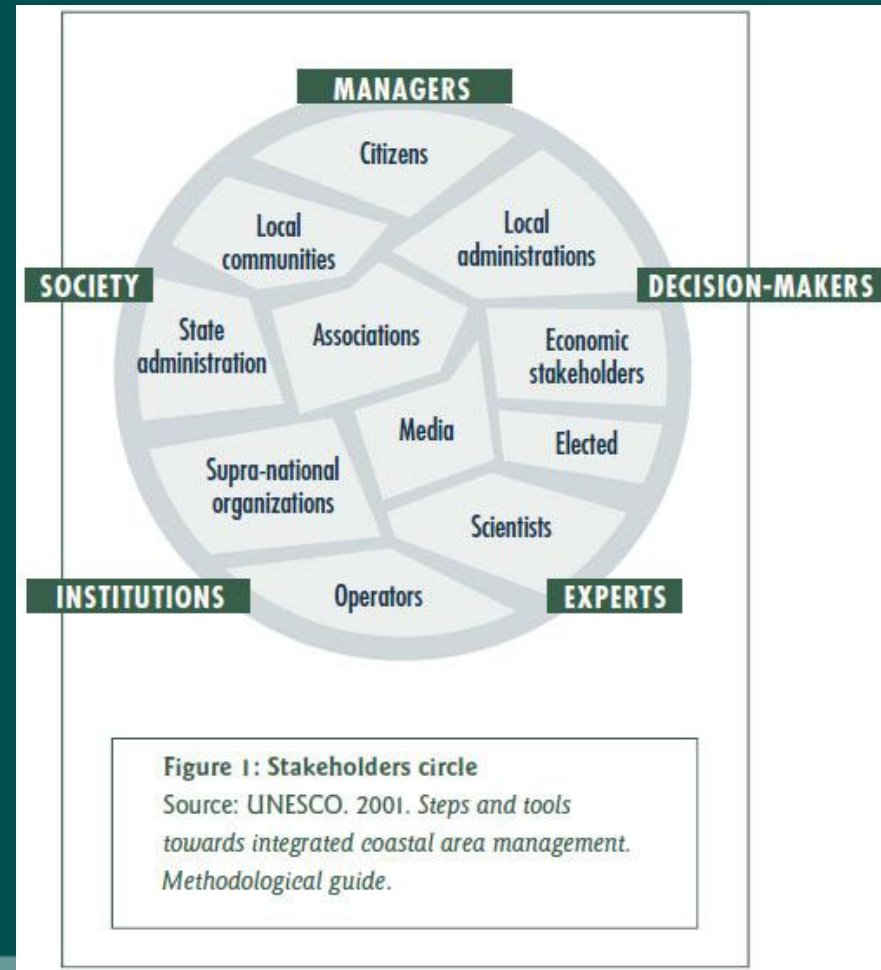
Conservation and learning schemes on the territory

Successfull collaboration with other BRs facing similar challenges in the EuroMAB Network



# Connecting stakeholders and institutions

- Discussion, dialogue methodology and tools for diversity of stakeholders;
- Diversity of management and coordination structures and frameworks;
- Diversity of information and combined knowledge systems (IPBES);





# COMMUNITY of PRACTICE

Communities of practice



Professional Development  
April 30<sup>th</sup>, 2013.  
CTLT, UBC.



## Making Connections



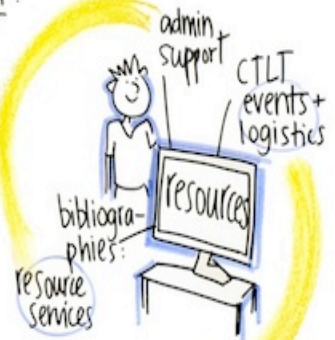
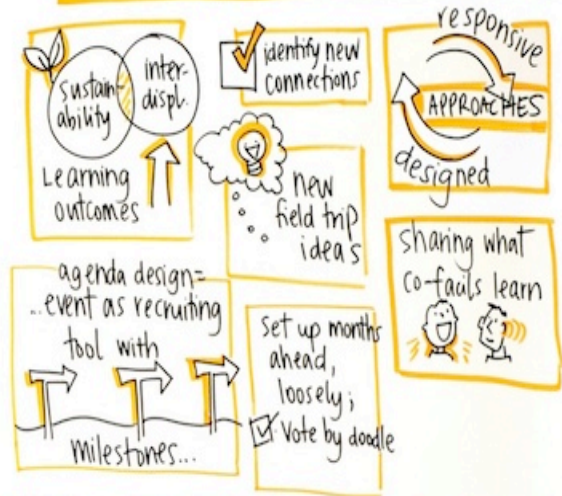
Middle 1 HR of meeting



## AGENDA DESIGN

domains practice community

## CREATING JOINT AGENDAS





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# Connecting knowledge and know-how

- Involving all stakeholders (practitioners, scientists, decision makers, private sector, local and indigenous communities)
- A shared vision for a common place
- A framework for dialogue and concertation
- A tool for sustainable development

« We have a multiplicity of local actors not always sharing the same objectives and ambitions ; our challenge was to bring together all the stakeholders from the territory (...) reconciling the irreconcilable. (...) They learnt to respect each other, work together and jointly build a shared future. »



*Jean Dey, Chair of the management  
association Fontainebleau and Gâtinais  
BR, France*





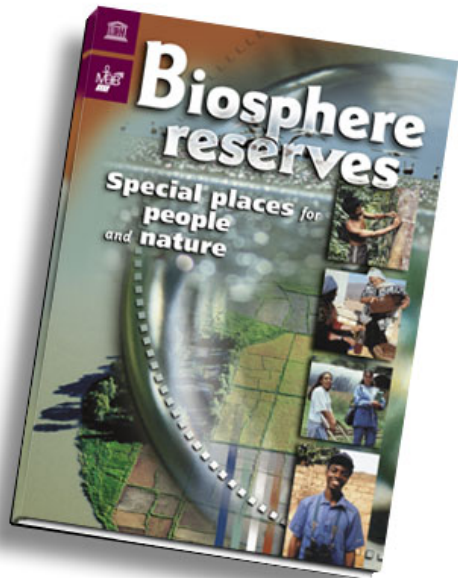
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# Building on the World Network collective action, collective learning, collective wisdom

- Access to information, expertise and practices through national, regional and international networks





Le programme **MAB**  
Vivre dans la biosphère et la protéger



**To be human means to  
live in a world filled with  
significant places  
(Raleph)**



BIODIVERSITÉ

CONSERVATION

RECHERCHE

SURVEILLANCE  
CONTINUE

ÉDUCATION

FORMATION

DÉVELOPPEMENT  
DURABLE





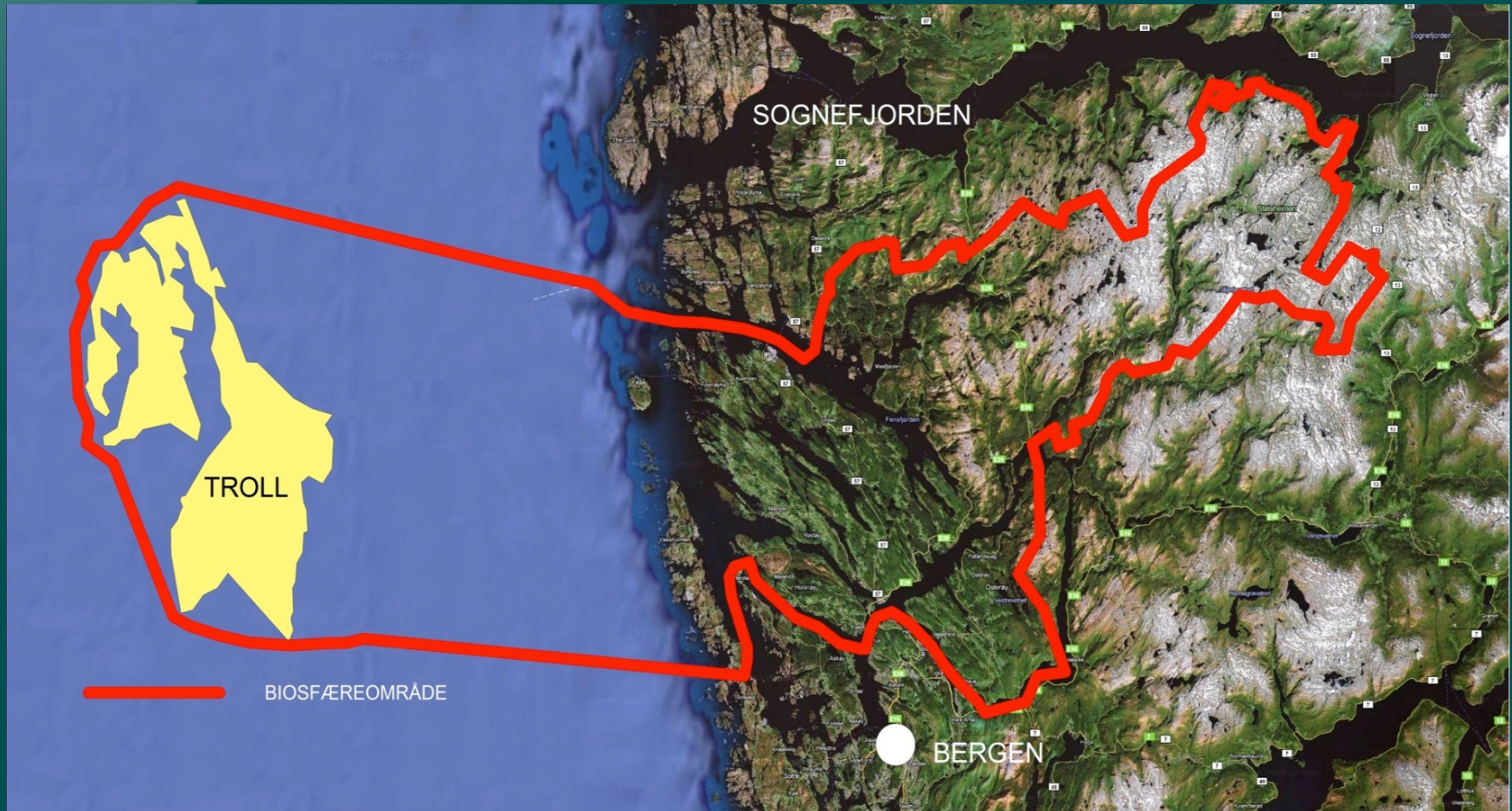


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# Connecting to the future Hordaland, Norway ...





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# Tusen takk !

Thank you    Merci    谢谢    شكرا    Gracias  
Спасибо

**UNESCO Division of Ecological and Earth Sciences**  
**MAB Programme**  
**1 rue Miollis**  
**75015 Paris, France**

**Tel: 33.1.45.68.41.11**

**[http:// www.unesco.org/mab](http://www.unesco.org/mab)**

**Email : [m.bouamrane@unesco.org](mailto:m.bouamrane@unesco.org)**