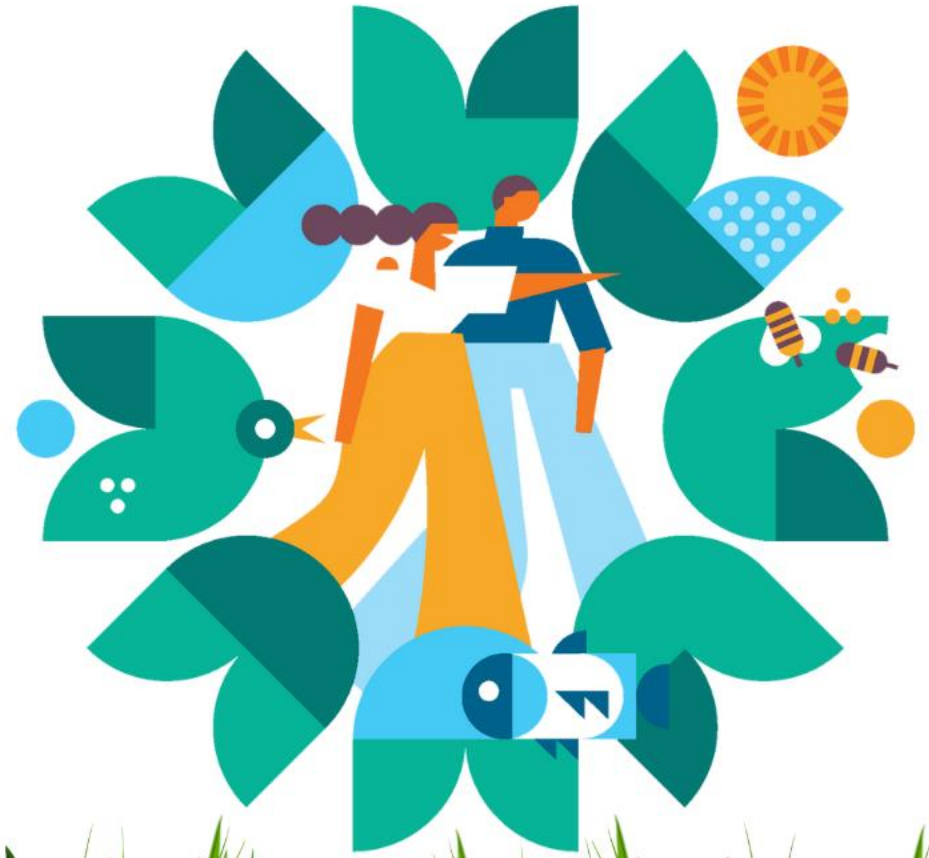


UNESCO Designated Sites

A network of educational hubs for ESD

P. Pypaert
MAB Secretariat, Paris - France

UNESCO’s mission



UNESCO’s mission

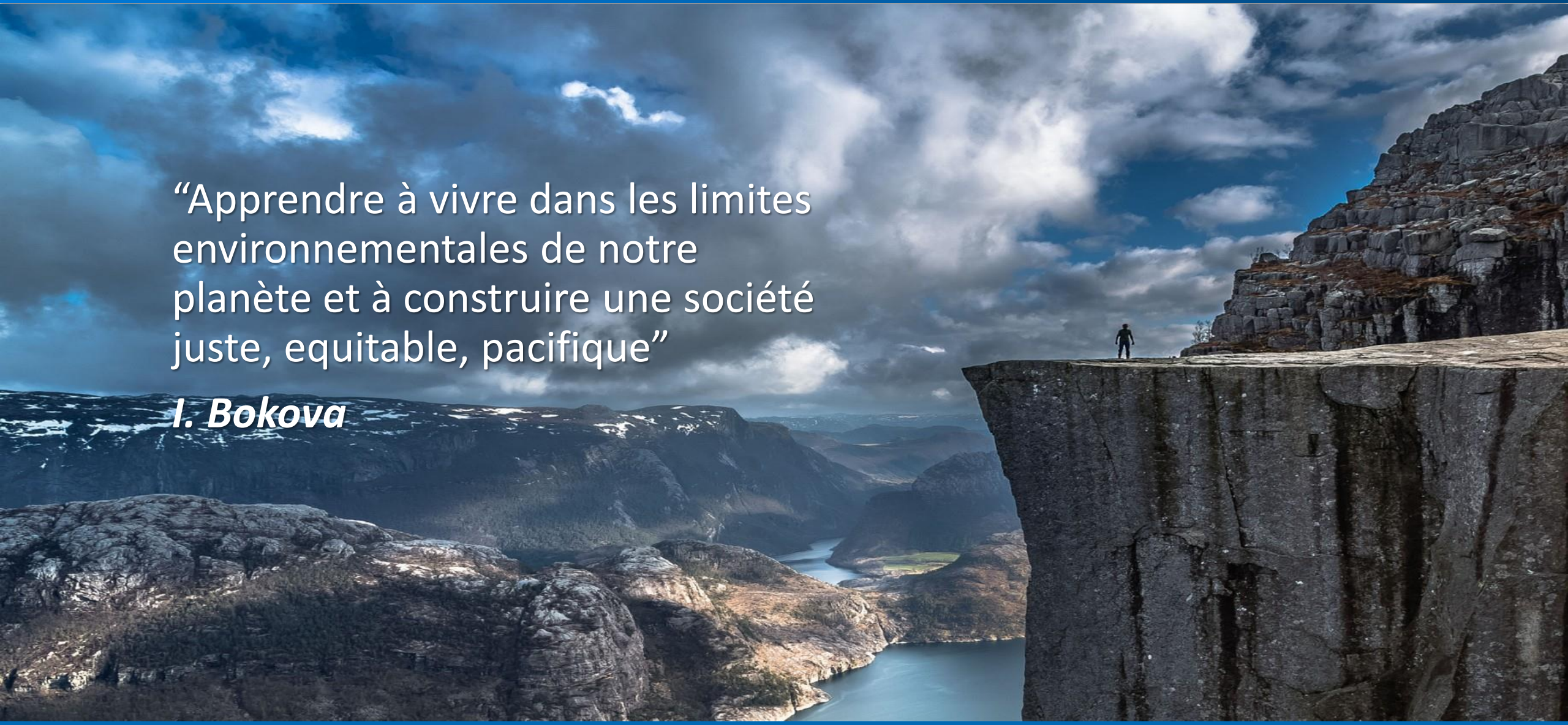
“Since wars begin in the minds of men, it is in the minds of men that the defences of peace must be constructed ”

Preamble to UNESCO Constitution





UNESCO's mission



UNESCO's unique assets



1115 WH Sites in 167 countries





738 BRs in 134 countries





177 UGGPs in 46 countries





27 Ecohydrology demosites





WATER MUSEUMS GLOBAL NETWORK

73 Water Museums in 31 countries



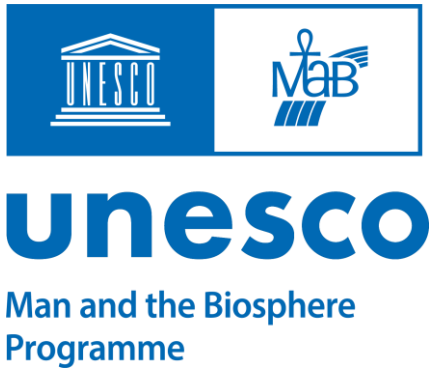
UNESCO Designated Sites and SDGs





















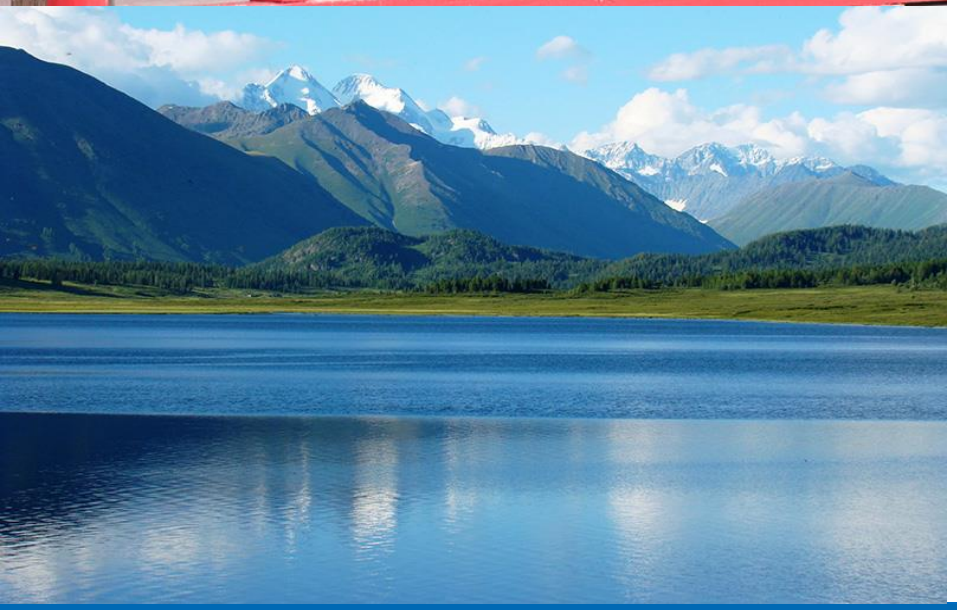


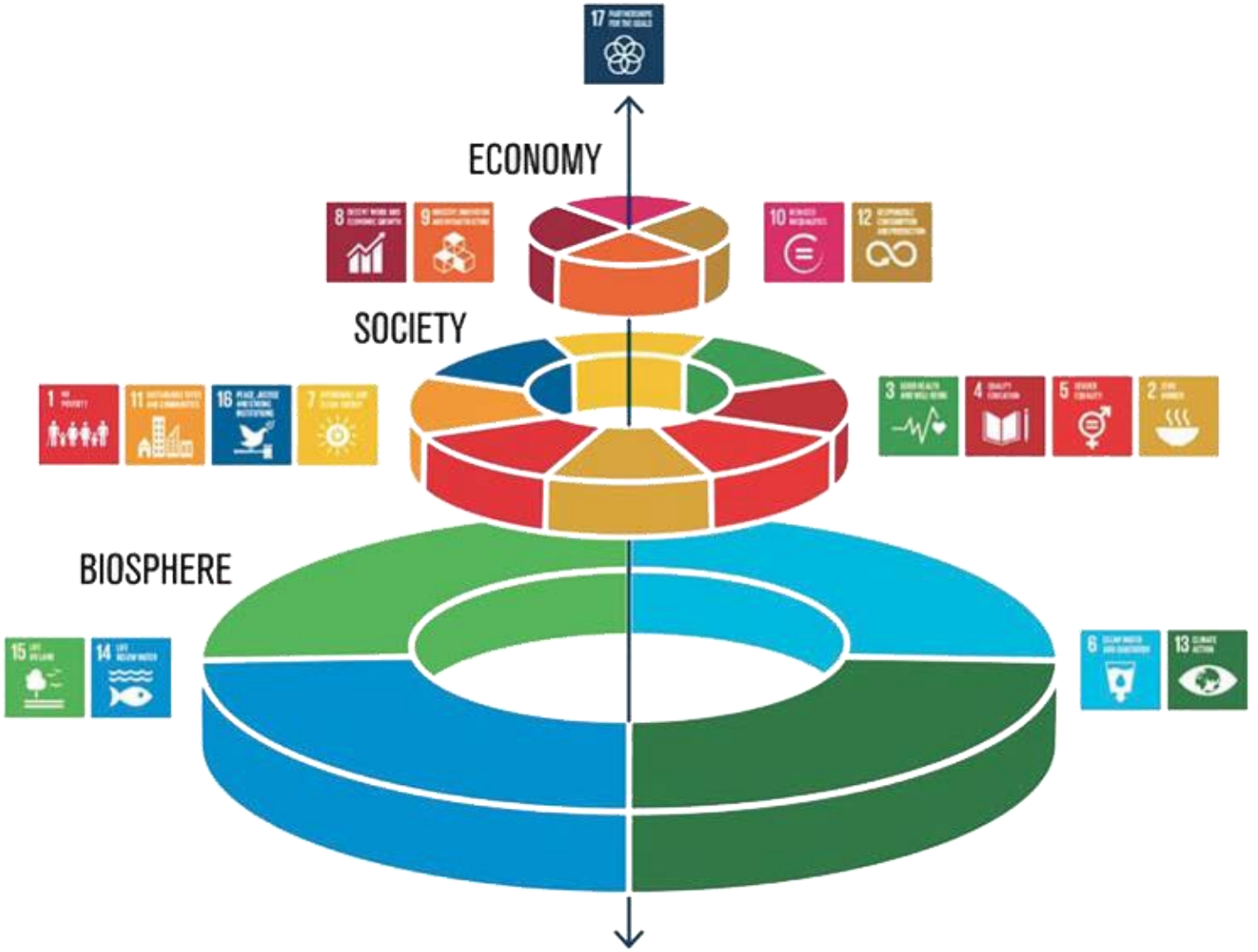




UNESCO Designated Sites and SDGs









Biosphere Reserves :

Tools for participatory natural resource management and learning sites for sustainable development

Why biosphere reserves ?



Biosphere reserves
3 functions & 3 inter-connected zones







The World Network of Biosphere Reserves | 2023-2024

748 Biosphere Reserves

Present in 134 countries

23 Transboundary Biosphere Reserves
4 in Africa, 12 in Europe & North America, 3 in Latin America & the Caribbean

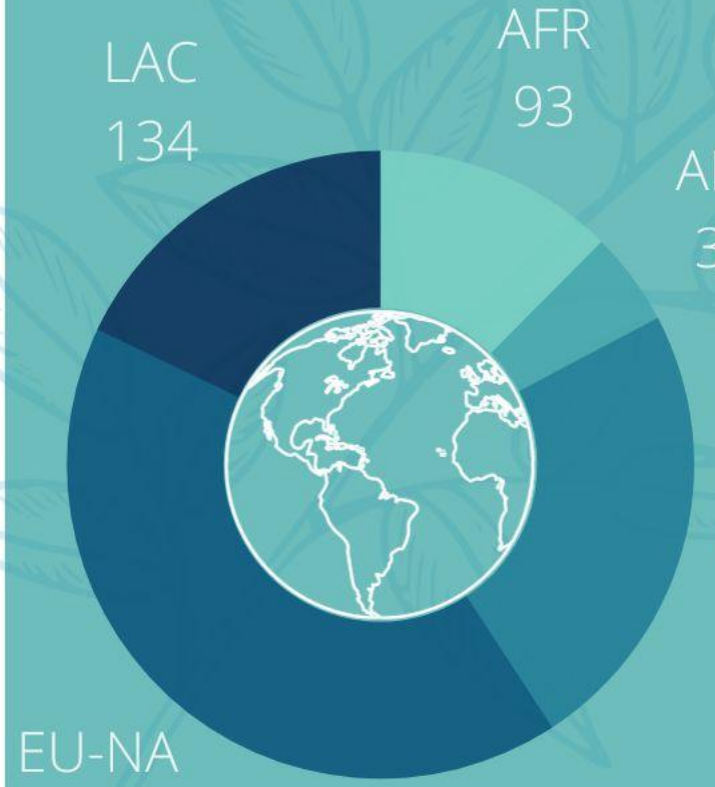
2 Transcontinental Biosphere Reserves
Intercontinental del Mediterraneo (Europe/Arab States) and Great Altay (Europe/Asia & Pacific)

280 million people call Biosphere Reserves their home

5.5% of the world's land surface

Strictly protected core areas, altogether, amount to **1,374,671 km2**, bigger than Peru

Regional distribution



LAC: Latin America & Caribbean; AFR: Africa; ARB: Arab States; EU-NA: Europe & North America; ASPAC: Asia & Pacific

Examples of UNESCO's action in biosphere reserves



Restoring mangroves with nature-based solutions

Together with the Flemish government, UNESCO is analysing the state of the mangroves in certain sites and undertaking their restoration with the communities.

7 biosphere reserves in Latin America and the Caribbean



Data science applications: great apes & their habitats

Development of a database of data and images collected by drones for access and exchange of knowledge between designated sites in Africa on the health of Great Apes and their habitats.

15 countries in Africa, 1 in Asia



Women for Bees

To support pollination and pollinators, UNESCO and Guerlain act within the World Network of Biosphere Reserves to empower women through training and exchange of knowledge and know-how, and dedicated support for sustainable beekeeping activities.

25 biosphere reserves in the world

Examples of UNESCO's action in biosphere reserves



Restoration of a dune to combat desertification

UNESCO, with the support of the African Development Fund and the Lake Chad Basin Commission is restoring 4ha of dune in Lake Chad to facilitate the harvesting of spirulina by women

Lake Chad



Monitoring climate change and biodiversity

UNESCO and the Kingdom of Belgium strengthen the capacities of the Democratic Republic of Congo to transform the Yangambi Biosphere Reserve into a centre of excellence for climate and biodiversity research

Congo Basin Forests



Education for resource management

UNESCO supports the inhabitants of Socotra in the knowledge and management of their water resources. Activities are implemented with children to take into account the issues of water scarcity and quality.

Socotra Archipelago Biosphere Reserve, Yemen

Why biosphere reserves?



Biosphere reserves are learning sites for sustainable development

Sites to test **interdisciplinary approaches** to understanding and managing **changes and interactions between social and ecological systems**, including conflict prevention and biodiversity management.

We present solutions from biosphere reserves around the world on the link between **sustainable development, climate resilience** and **biodiversity conservation**.

Biosphere Reserves and SDGs







Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





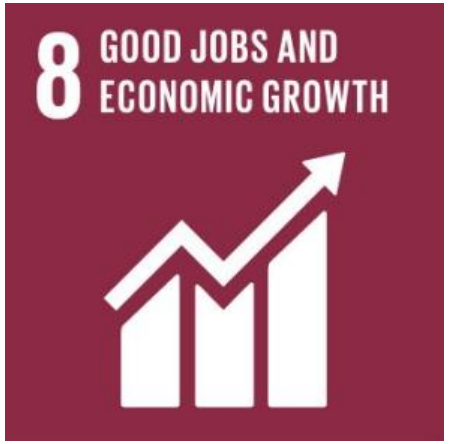
Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





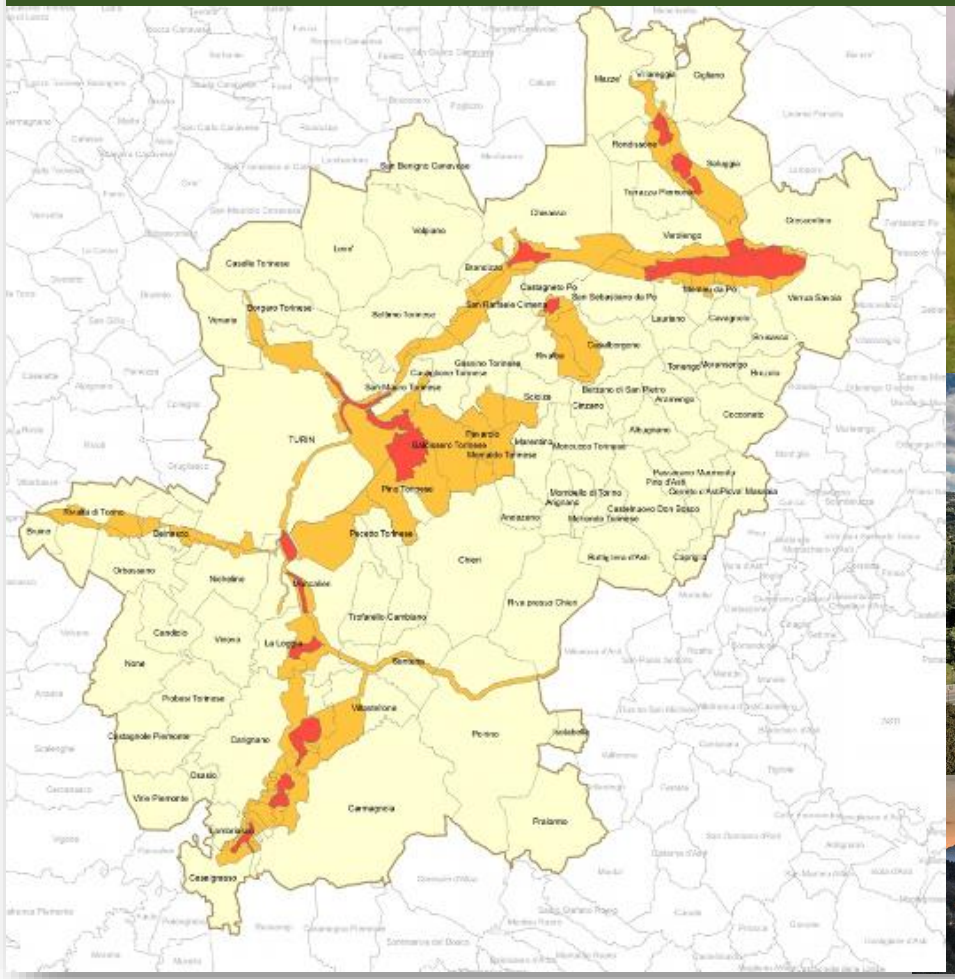
Biosphere Reserves and SDGs





Biosphere Reserves and SDGs

Collina Po - Italy



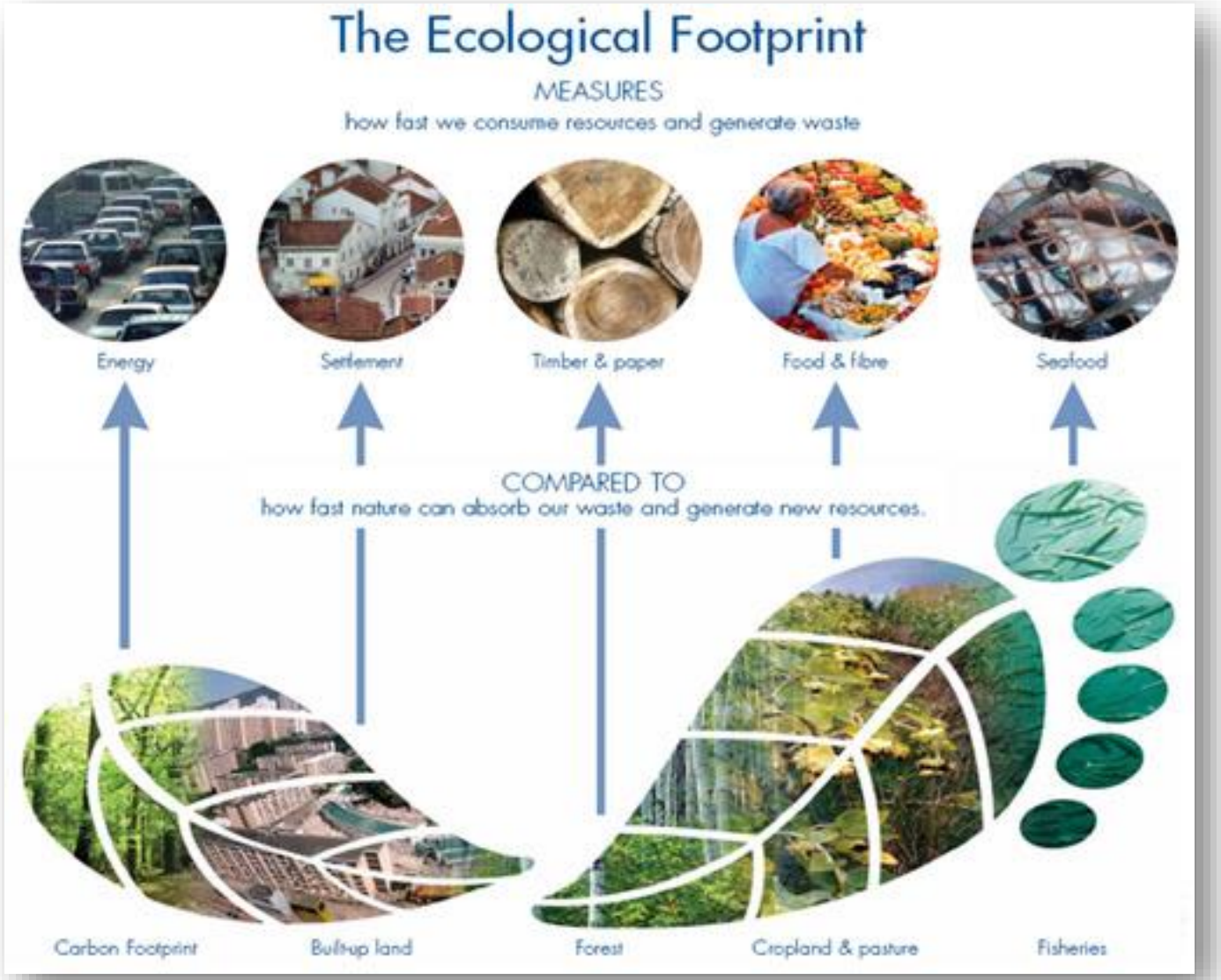






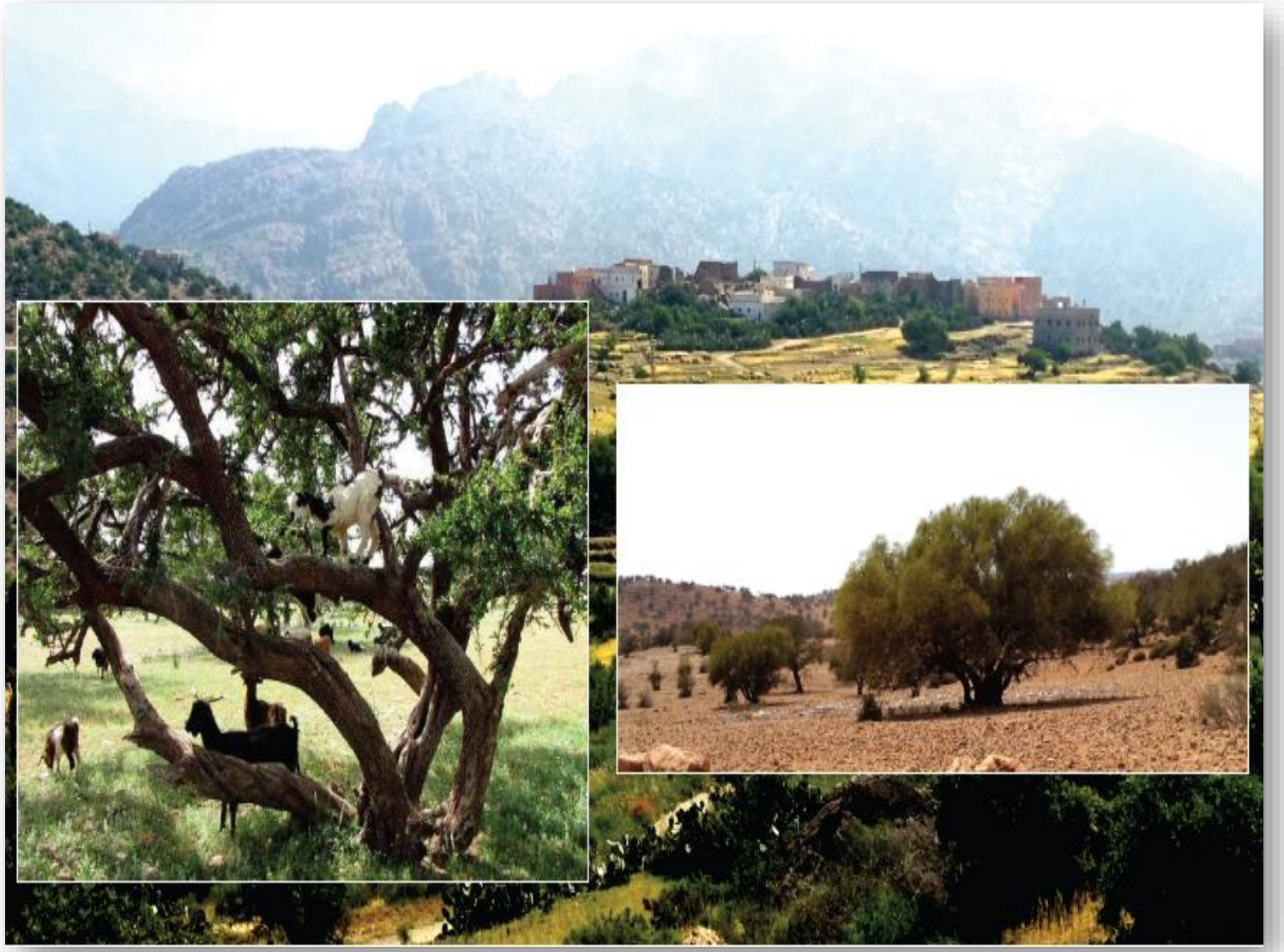


Biosphere Reserves and SDGs



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





Biosphere Reserves and SDGs





Being models of Sustainable Development

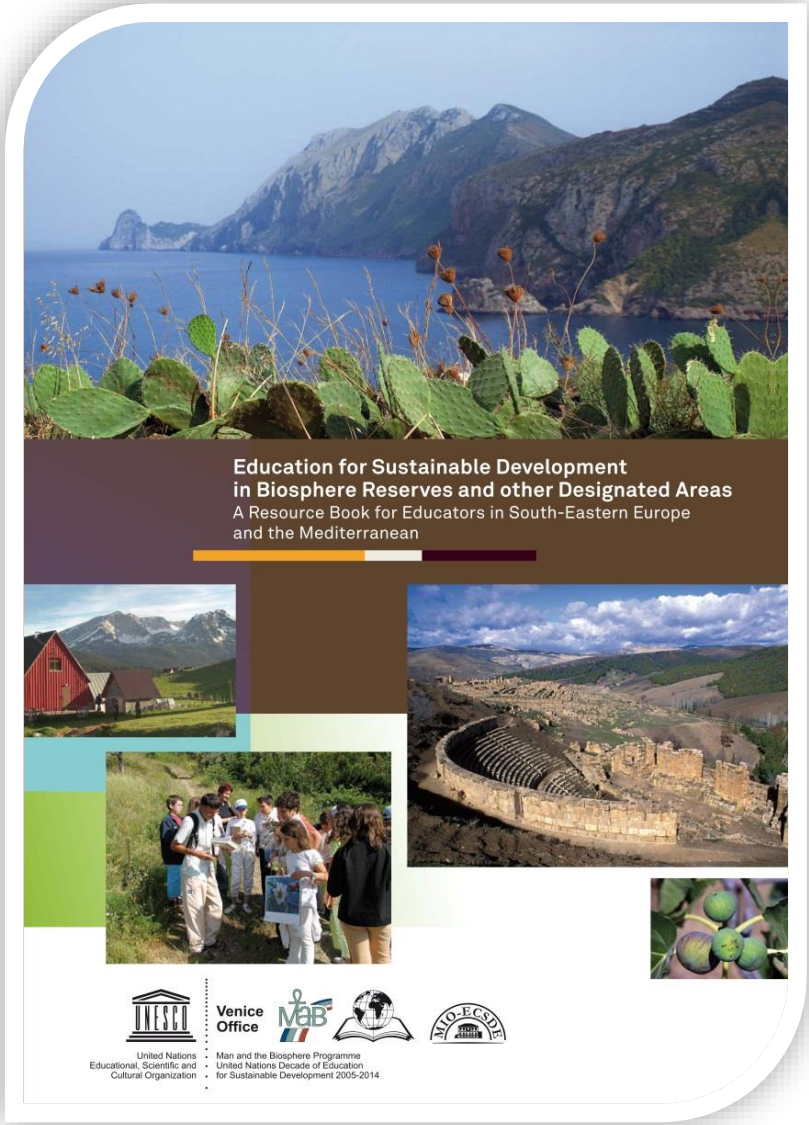


Under the spotlight to be an inspiration to many

Being models of Sustainable Development







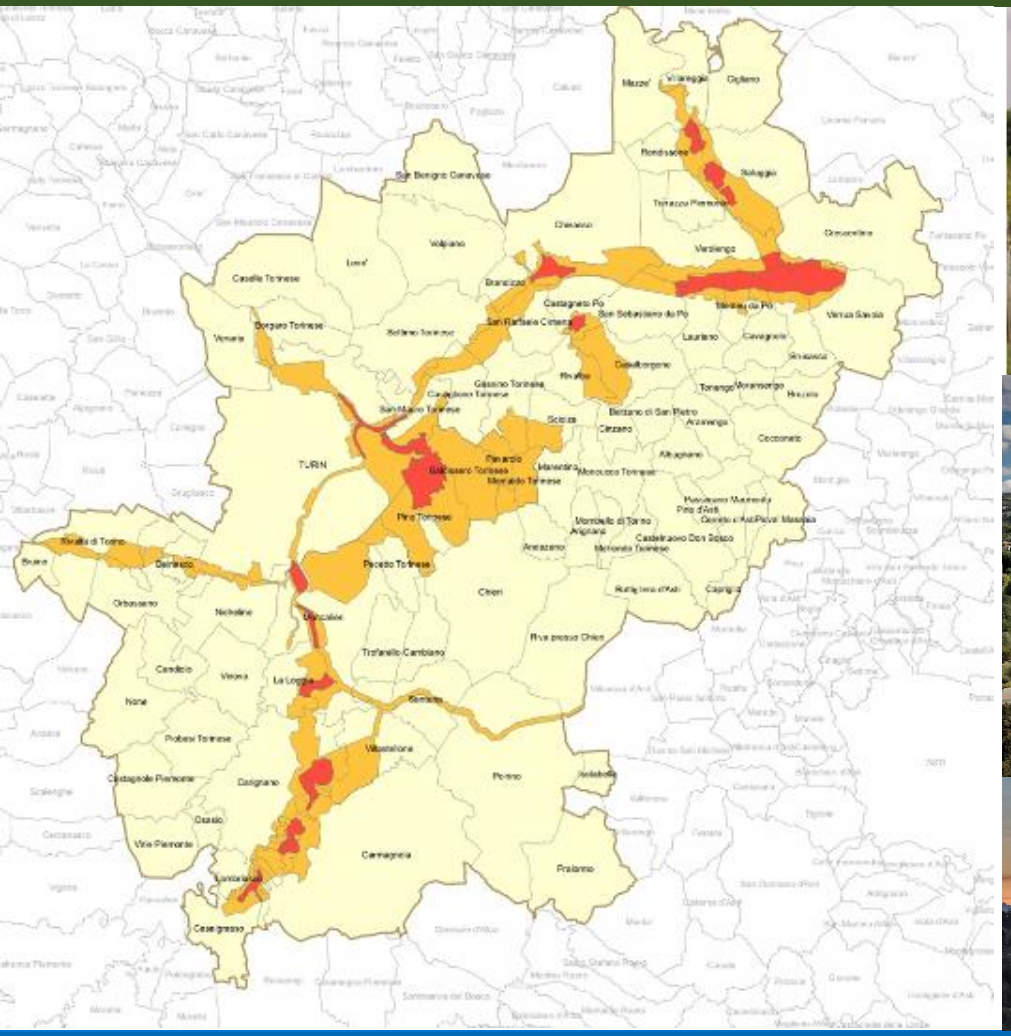




Under the spotlight to be an inspiration to many

Being models of Sustainable Development

Collina Po - Italy













Some resources

Being models of Sustainable Development



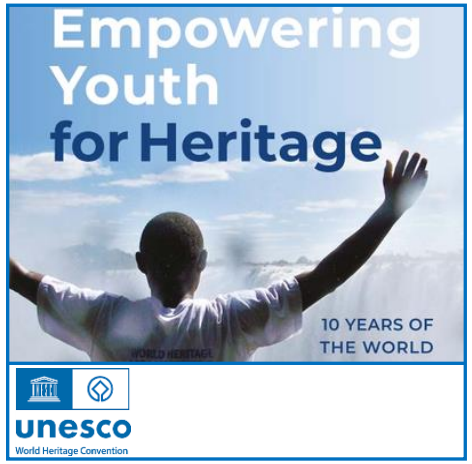




United Nations

Under the spotlight to be an inspiration to many

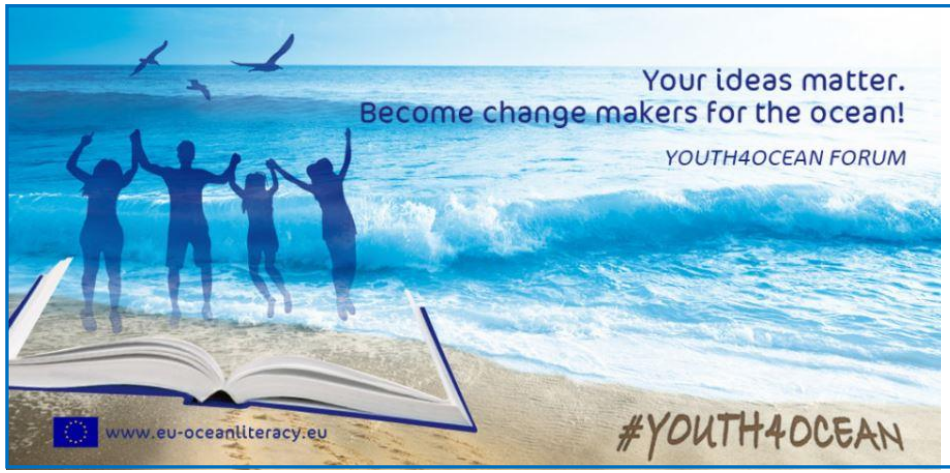
Networks to engage with youth











ECOP
Early Career Ocean Professionals

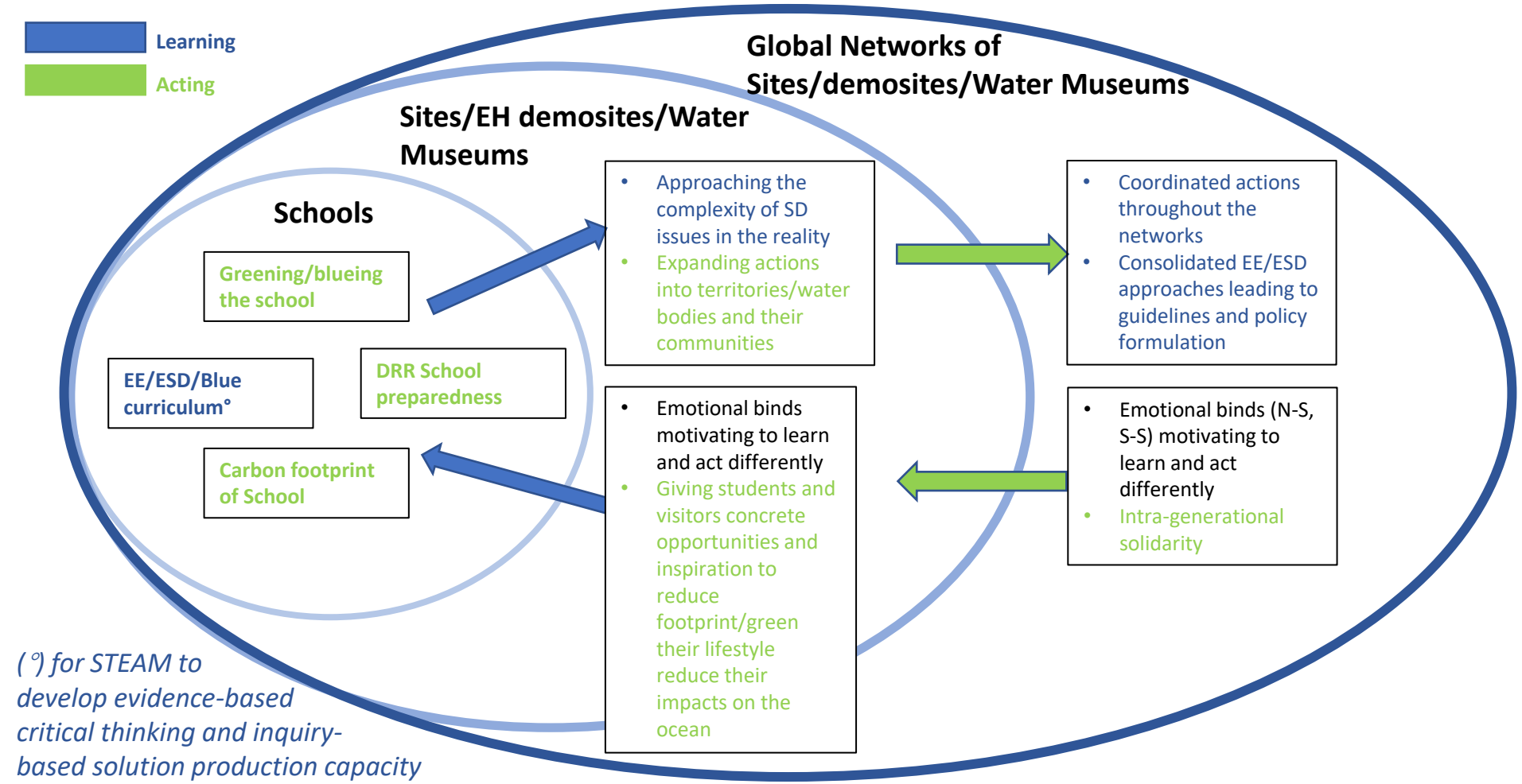
Young ocean professionals group for the Ocean Decade

unesco
Intergovernmental Oceanographic Commission



UNESCO's Intersectoral Programme 2

Environmental Learning and Action: from local to global, and vice-versa...



(°) for STEAM to develop evidence-based critical thinking and inquiry-based solution production capacity


THANK YOU!
MERCI ¡GRACIAS!
GRAZIE
شكرا
谢谢你!