



Bayerisches Staatsministerium für
Umwelt und Verbraucherschutz



*Support to EU Danube Strategy
Danube Land and Soil Nexus*

*Workshop to develop 250,000 soil database for Danube Basin using
eSOTER methodology*

Soil in the EUSDR – PA 06

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Territorial coverage of the Danube region
for the Danube region strategy

The Danube Region

14 Countries
more than 110 Mio. inhabitants.

The EU Strategy for the Danube Region refers to the entire Danube Region and addresses four thematic pillars:

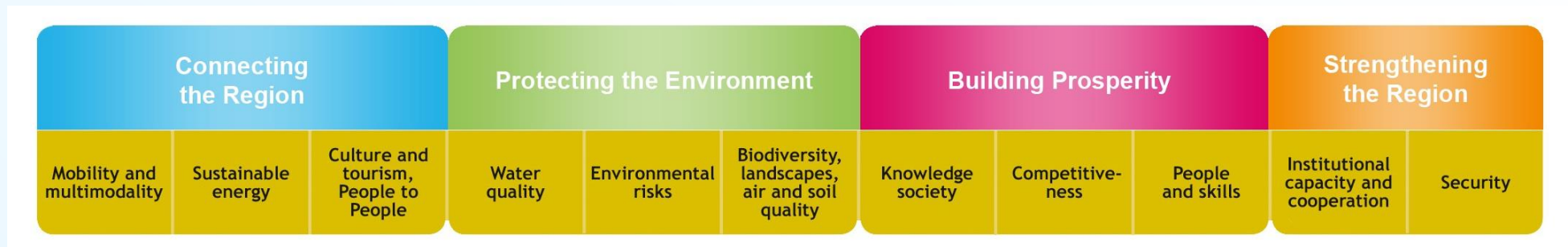
1. Connecting the Region
2. Protecting the Environment
3. Building Prosperity
4. Strengthening the Region

„Macro-regional Strategy“ (MRS) for cooperation in common and region-specific thematic fields



EUSDR

4 Pillars – 11 Priority Areas



- Coordination of implementation of the **11 Priority Areas** by two **Priority Area Coordinator (PAC)** from two countries.
- **Bavaria** (Bavarian State Ministry for the Environment and Consumer Protection) together with **Croatia** (Ministry for Environment and Nature Protection) is PAC for Priority Area 6: Preserving biodiversity, landscapes and the quality of air and soils

PRIORITY AREA 6

Preserving biodiversity, landscapes and the quality of air and soils

Targets of Priority Area 6

To **halt the deterioration** in the status of **all species and habitats** covered by EU nature legislation and achieve a significant and measurable improvement, adapted to the special needs of the Danube Region by 2020.

By 2020, **ecosystems and their services** are maintained and enhanced by establishing **green infrastructure** and **restoring at least 15%** of degraded ecosystems, **including degraded soils**.

By 2020, **Invasive Alien Species** and their pathways are identified and prioritised, priority species are **controlled or eradicated**, and pathways are managed to prevent the introduction and establishment of new IAS.

Secure viable populations of **Danube sturgeon species and other indigenous fish species** by 2020.

PRIORITY AREA 6

Preserving biodiversity, landscapes and the quality of air and soils

Action Plan identifies 16 actions for Priority Area 06 – three actions related to soil

Action 10 - “To ensure appropriate treatment of solid waste”. **Integrated waste management systems should be established and implemented on national, regional and local level.**

Action11 - “To create standardized and compatible information on land cover on transnational basis”.
(former GMES).

- Land monitoring service as part of the Copernicus Programme, however limited information on land resources available for the Danube Region. Actions should thus focus on the possibilities to collect **harmonized land cover information** from national sources and to create **standardized and compatible information on land cover** on transnational basis.
- Connected to **Corine Land Cover** datasets. CLC mapping is being regularly updated in European countries every six years so changes in land cover could be monitored.
- **Danube GIS** by ICPDR could also bring additional elements.

PRIORITY AREA 6

Preserving biodiversity, landscapes and the quality of air and soils

Action Plan identifies 16 actions for Priority Area 06

Action12 - “To raise awareness about soil protection”.

In cooperation with European Land and Soil Alliance (ELSA). Further partnerships in the Danube Region should be initiated on communal level and in the educational domains.

- Current **main activity** on soil within PA6
- Close cooperation with SONDAR (“Soil Strategy Network in the Danube Region”) (Lower Austria)
- Activities focus on exchange of best practice in quantitative and qualitative soil conservation
- Creates links between Science, authorities and public.
- Expansion of the network foreseen.

Implementation of the EUSDR by PA 06

- **Coordination**
To seize ideas and project (proposals), networking with relevant actors in the Danube Region. *PA6-related stakeholder network in preparation.*
- **Concentration**
Consolidation of implementation activities in the Danube Region for raising efficiency
- **Integration**
horizontal = cross-sectoral cooperation via platform EUSDR
vertical = connection to policy level
- **Implementation** of the EUSDR generally by projects and single activities, funded by EU- and national funding programmes.



Examples for activities of PA 06

- Bavarian Stakeholder-Network, Development of a **Masterplan** for securing and development of **biodiversity** at Bavarian stretch of the Danube River.
- Initiation of international **Danube Sturgeon Task Force – DSTF** with members from science, NGO´s, intern. Organizations and public authorities. Elaboration of Strategy and Action Plan „**Sturgeon 2020**“ with comprehensive Work Plan for implementation.
- Initiation of international **Danube Invasive Alien Species Network – DIAS** with members from science, NGO´s and authorities. Strategy and Action Plan in preparation.
- Networking of protected areas alongside Danube River **DANUBEPARKS**, development of follow-up activities.
- **Cooperation** with other Priority Areas (e.g. PA1a, PA4, PA5...)



Reflection & Questions related to JRC / DLSN initiative on harmonized dataset

- A) Areas of application – B) target groups
- Interfaces to EUSDR and decision making level, e.g. concerning hotspots to be tackled (erosion, contamination, degradation, ...) – horizontal approach within EUSDR
- Involvement of target groups – relation to EUSDR governance
- Matching of dataset and its application with Priority Area ´s targets and objectives (PA 4, 5, 6, 1a)
- Soil Workshop with JRC/ EUSDR-Stakeholders in 2nd half of 2015?
 (“UN international year of soils”)



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