



NATURE-BASED SOLUTIONS FOR WATER RESOURCES

UNECE

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Water resources management benefiting from NbS

NBS for water resources:

- enhancing water availability (soil moisture retention, groundwater recharge),
- improving water quality (natural and constructed wetlands, riparian buffer zones),
- reducing risks associated with water-related disasters and climate change (e.g., floodplain restoration, green roofs).

NbS provide **multiple benefits** to the society, to the economy and to the environment: food security, raw materials, carbon storage, biodiversity, medicinal materials, pollination, recreation, etc.

Adequate valuation of all benefits: "**no-regrets** solutions".

























Water Convention and NbS

Over 60% of the global freshwater flow occurs in transboundary basins. Transboundary water cooperation is thus a prerequisite for ecosystem and climate resilience and sustainable water management.

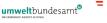
The Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention) addresses conservation and restoration of ecosystems as well as application of the ecosystem approach.

Nature-based solutions are often effective from a **basin perspective** bringing benefits for all riparians. They offer an opportunity to initiate and strengthen transboundary cooperation.

























Prerequisites of successful NbS

Key elements of successful planning and implementation of nature-based solutions:

- adequate knowledge
- appropriate policy and planning
- · sufficient funding
- adopting a landscape approach
- engaging in multi-stakeholder processes at the basin level (communities, governments, civil society and development agencies)























NbS in the EU4Environment Water and Data

Support in better understanding, identifying, implementing and monitoring NbS:

- raise awareness
- identify opportunities for NbS
- promote mainstreaming of NbS into the countries' policy and planning frameworks
- support integration of NbS into River Basin Management Plans and national water policies
- facilitate access to financing for NbS including operational, maintenance and monitoring costs
- engage public and private sector actors in design and implementation
- initiate pilot projects and enhance learning





















THANK YOU







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Implementing partners









