

REsilienT water gOvernance Under climate CHange within the WEFE NEXUS

-Slovakia-



of inhabitants 5.4 million

Surface area 49 702 km2

No

GDP per capita 67 pps [1]

Significant bodies of Danube: Vistula water (RBDs)

Polity

unitary state composed of regions and municipalities

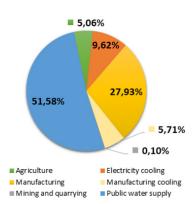
Layers of government

central government; 8 selfgoverning regions; 2 926 municipalities

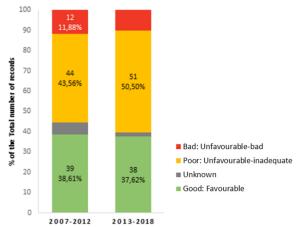
Legislative powers at the sub-national level

Decentralisation index

Water Exploitation Index plus (WEI+)



Water abstraction per sector in Slovakia - Source: EEA (2022)



Conservation status for habitats in 2007-2012 and 2013-2018 in Slovakia - Source: EEA (2021)



Water bodies with less than good ecological status in Slovakia - Source: EEA (2021)

Main actors responsible for WEFE nexus relevant governance

NEXUS PILLARS POLICY MAKING POLICY EXECUTION

1.2 (24 out of 27) [2]

0.39% (2017) [3]

🐪 **W** ater Ministry of Environment state (co-)owned enterprises; municipalities

🌹 **E**nergy

Ministry of Economy

state (co-)owned enterprises

Food

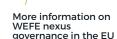
Ministry of Agriculture and Rural Development

state owned enterprises responsible for hydromeliorations in agriculture

Fcosystems Ministry of Environment

State Nature Conservancy; state (co-)owned enterprises; state institutions; municipalities





- [1] EU purchasing power standard
- [2] https://portal.cor.europa.eu/divisionpowers/Pages/Decentralization-Index.aspx
- [3] The threshold for water scarcity is set at > 20%

WEFE NEXUS PERSPECTIVE

CHALLENGES

- Improve the coordinated implementation of water and nature policies
- Safeguard landscape structures and ecological stability in protected areas
- Revitalise watercourses and act against a degradation of available water resources
- Reduce pressure from the agricultural sector and improve water retention in soils
- Improve the absorption of EU funds for investments and reforms

OPPORTUNITIES

- The Slovakian Ministry of Agriculture and Rural Development is currently developing a new nexus-based concept, Soil-the Carbon and Water Bank of Landscape, that aims to protect and restore soil and its water retention capacity
- The Slovakian Recovery and Resilience Plan focuses on the reform of landscape planning, nature protection and water management
- · The country has considerable potential provided by rich biodiversity resources and a high level of protected areas
- Experience is gained with ecosystem services assessments under the EU LIFE programme



Neither the European Union nor the granting authority can be held responsible for them.

























