

REsilienT water gOvernance Under climate CHange within the WEFE NEXUS





# of inhabitants 37.7 million

Surface area 307 236 km2

GDP per capita 79 pps [1]

Significant bodies of Oder; Vistula water (RBDs)

Polity

unitary state with local government (samorzad terytorialny) organised at

three tiers

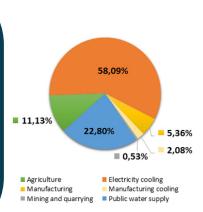
Legislative powers at the sub-national level Decentralisation index Water Exploitation Index plus (WEI+)

Layers of government central government; 16 regions; 314 counties; 2 478 municipalities

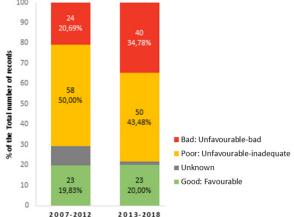
No

1.9 (8 out of 27) [2]

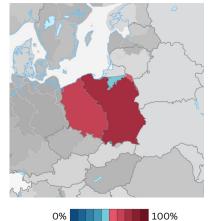
6.87% (2017) [3]



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



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



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

## Main actors responsible for WEFE nexus relevant governance

#### **NEXUS PILLARS POLICY MAKING POLICY EXECUTION**

🐪 **W** ater

Ministry of Environment

State Water Holding Polish Waters; National Water Management Authority; National Water Agency; Regional Water Management Boards; local authorities

🌹 Energy

Ministry of Climate; Ministry of Development; Ministry of State Assets; Ministry of Finance

Polish National Energy Conservation Agency; Energy Regulatory Office; National Atomic Energy Agency; regional and local authorities

Food

Ministry of Agriculture and Rural Development National Center for Support to

Agriculture; Agency for Restructuring and Modernisation of Agriculture and its regional and local offices

Chief Inspectorate of Environmental

Protection; Institute of Environmental Protection; regional, county and local

**Ecosystems** Ministry of Environment

More information on WEFE nexus

- [1] EU purchasing power standard
- [2] https://portal.cor.europa.eu/divisionpowers/Pages/Decentralization-Index.aspx

authorities

- [3] The threshold for water scarcity is set at > 20%
- [4]https://www.kampinoskiebagna.pl/en/home-kampinos-wetlands-1/ & https://www.kampinoskiebagna.pl/en/home-kampinos-wetlands-2/

# WEFE NEXUS PERSPECTIVE

## **CHALLENGES**

- Invest wastewater treatment infrastructure
- Address eutrophication issues caused by agriculture for both inland and marine waters
- Improve the implementation of the Natura 2000 legislation
- Improve knowledge about the Natura 2000 network to promote societal acceptance
- Address threats to the Natura 2000 network, such as urban sprawl, road infrastructure, and intensive forestry and agriculture

#### **OPPORTUNITIES**

- · Poland focuses especially on SDG 6 (increasing available water resources)
- Poland has drafted a list of solutions to overcome water shortages and to cope with drought, both in cities and in rural areas
- The Kampinos Wetlands (2013-2019) and the Kampinos WetLIFE (2020-2026) projects aim to protect and restore wetlands at the 'Puszcza Kampinoska' Natura 2000 site[4]
- Poland will receive major contributions from the cohesion policy funds in 2021-2027 to close implementation gaps of EU legislation
- Poland's <u>Recovery</u> and <u>Resilience</u> Plan focuses inter alia on measures to improve water management in rural areas











governance in the EU



















