

REsilienT water gOvernance Under climate CHange within the WEFE NEXUS



# -Austria-



# of inhabitants 9.1 million

Surface area 82 159 km2

GDP per capita 125 pps [1]

Significant bodies of **Danube** water (RBDs)

> federal state Polity

central government; 9 federal Layers of government states; 95 districts (including 15

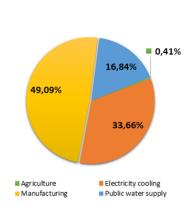
Yes

cities); 2 098 municipalities

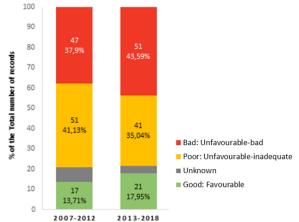
Legislative powers at the sub-national level

Decentralisation index 1.5 (18 out of 27) [2]

Water Exploitation Index plus (WEI+)



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



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



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

# Main actors responsible for WEFE nexus relevant governance

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

1.78% (2017) [3]

🐪 **W** ater Federal Ministry of Agriculture, Forestry, Regions and Water

Provinces; municipalities

Management

Federal Ministry of Climate Action, Environment, Energy, Mobility, Innovation and

Environment Agency Austria; provinces; municipalities

Technology

Federal Ministry of Agriculture, Forestry,

provinces

Regions and Water Management

**Ecosystems** 

🌹 Energy

**✓** Food

Federal Ministry of Climate Action, Environment, Energy, Mobility, Innovation and Technology

Environment Agency Austria, provinces, 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%
- [4] https://info.bml.gv.at/en/

### WEFE NEXUS PERSPECTIVE

## **CHALLENGES**

- Improve conservation objectives and measures for species and habitats in Natura 2000 sites
- · Restore river and floodplain habitats and improve river connectivity
- Adapt existing infrastructure, such as sewerage systems, to manage heavier rainfall events
- Identify and address sources of nutrient pollution in agricultural areas
- Support ecosystem services' assessments and natural capital accounting

# **OPPORTUNITIES**

- · The Austrian government has executed the Austria's Water Treasure study (2023) as a guide for water management until 2050[4]
- A Biodiversitätsdialog 2030 has been held about measures to restore and protect wet habitats, and agricultural landscapes
- Austria's Recovery and Resilience Plan supports climate and environmental objectives to further the green transition
- A new biodiversity fund has been created to finance nature protection and restoration measures that will receive a top-up of EUR 50 million from Austria's RRP.
- · 77 local action LEADER groups have been set up to advance a bottom-up approach that engages local actors in developing rural areas



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