

REsilienT water gOvernance Under climate CHange within the WEFE NEXUS





# of inhabitants 1.9 million

Surface area 63 290 km<sup>2</sup>

GDP per capita 74 pps [1]

Significant bodies of Daugasva; Gaujas; water (RBDs) Lielupes: Ventas

> a parliamentary democracy and Polity

a unitary state

Layers of government central government; 9 cities;

No

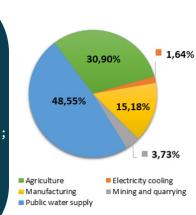
110 municipalities

Legislative powers at the sub-national level

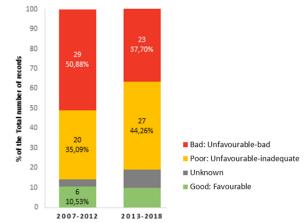
Water Exploitation

Decentralisation index 2.5 (2 out of 27) [2] 0.22% (2017) [3]

Index plus (WEI+)



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



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



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

## Main actors responsible for WEFE nexus relevant governance

### **NEXUS PILLARS**

**™** Water

🕏 Energy

Food

### **POLICY MAKING**

Ministry of Environmental Protection and Regional

Development

# **POLICY EXECUTION**

State Environmental Service; Latvian Environment; Geology and Meteorology Center; Latvian Institute of Aquatic Ecology; municipalities

municipalities Ministry of Economics

Ministry of Agriculture Food and Veterinary Service; municipalities

**Ecosystems** Ministry of Environmental Protection and Regional Development

State Environmental Services; and Meteorology Center; Latvian

Latvian Environment; Geology Institute of Aquatic Ecology; municipalities

[3] The threshold for water scarcity is set at > 20%

[4] https://goodwater.lv/en/home/

## WEFE NEXUS PERSPECTIVE

### **CHALLENGES**

- Improve wastewater management infrastructure
- Address issues of leakage, infiltration and rupture of water supply and distribution
- Integration of biodiversity concerns into other national and local policies
- Reduce emissions and nitrates from agriculture and increase nutrient use efficiency
- Establish conservation objectives and measures for all Natura 2000 sites

### **OPPORTUNITIES**

- · Latvia participates in the LIFE GoodWater integrated project aiming to implement the measures in the Daugava, Gauja, Lielupe and Venta RBMPs[4]
- The Coalition Clean Baltic Experts (Germany, Poland, Sweden, Estonia and Latvia) to exchange experiences on river restoration
- The Latvia LIFE MarshMeadows project[5] aims to restore the local hydrological regime



More information on WEFE nexus governance in the EU [1] EU purchasing power standard

[2] https://portal.cor.europa.eu/divisionpowers/Pages/Decentralization-Index.aspx

[5] https://www.ldf.lv/en/











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