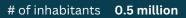


REsilienT water gOvernance Under climate CHange within the WEFE NEXUS

National water governance strategies and institutional settings: A WEFE nexus perspective

-Malta-





Surface area 316 km2

GDP per capita 313 pps [1]

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

Polity decentralised unitary state and parliamentary republic

No

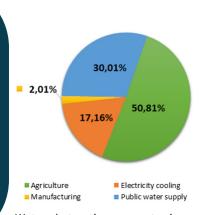
Layers of government central government; 6 regional committees; 68

municipalities

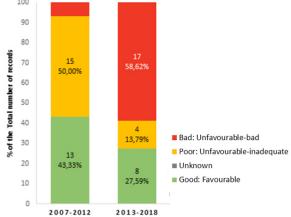
Legislative powers at the sub-national level

Decentralisation index 0.8 (26 out of 27) [2]
Water Exploitation 29.6% (2019) [3]

Water Exploitation Index plus (WEI+)



Water abstraction per sector in Malta - <u>Source</u>: EEA (2022)



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



Water bodies with less than good ecological status in Malta - <u>Source</u>: EEA (2021)

Main actors responsible for WEFE nexus relevant governance

NEXUS PILLARS

POLICY MAKING

POLICY EXECUTION

Ministry for the Environment, Energy and Enterprise Energy and Water Agency; Environmental and Resources Authority; Regulator for Water and Energy Services; Water Services Corporation

擇 **E**nergy

🐪 **W** ater

Ministry for the Environment, Energy and Enterprise

Energy and Water Agency; Regulator for Water and Energy Services

Food

Ministry for Agriculture, Fisheries & Animal Rights

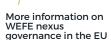
Malta Food Agency

Ecosystems

Ministry for the Environment, Energy and Enterprise

Environment and Resources

Authority



- [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://webgate.ec.europa.eu/life/publicWebsite/project/details/4816

WEFE NEXUS PERSPECTIVE

CHALLENGES

- Address water scarcity issues and degrading quality of groundwater
- Prioritise the designation of Natura 2000 sites and implementation of conservation measures
- Diminish the pressures from development, construction, and infrastructure
- Reduce nitrates pollution from agriculture and continue monitoring
- Involve the agricultural sector in maintaining biodiversity through voluntary payment schemes

OPPORTUNITIES

- Malta
 - develops baseline assessments on water demand and supply
 - explores water efficient technologies
 - elaborates master plans for 16 valley catchments[4]
- Investments are made to stimulate water reuse and reduce pressures on groundwater
- Ambjent Malta agency has now a new role in habitat restoration projects and dissemination of information on protected areas
- Malta is involving <u>business plans</u> in protecting biodiversity and promoting natural capital assessments































