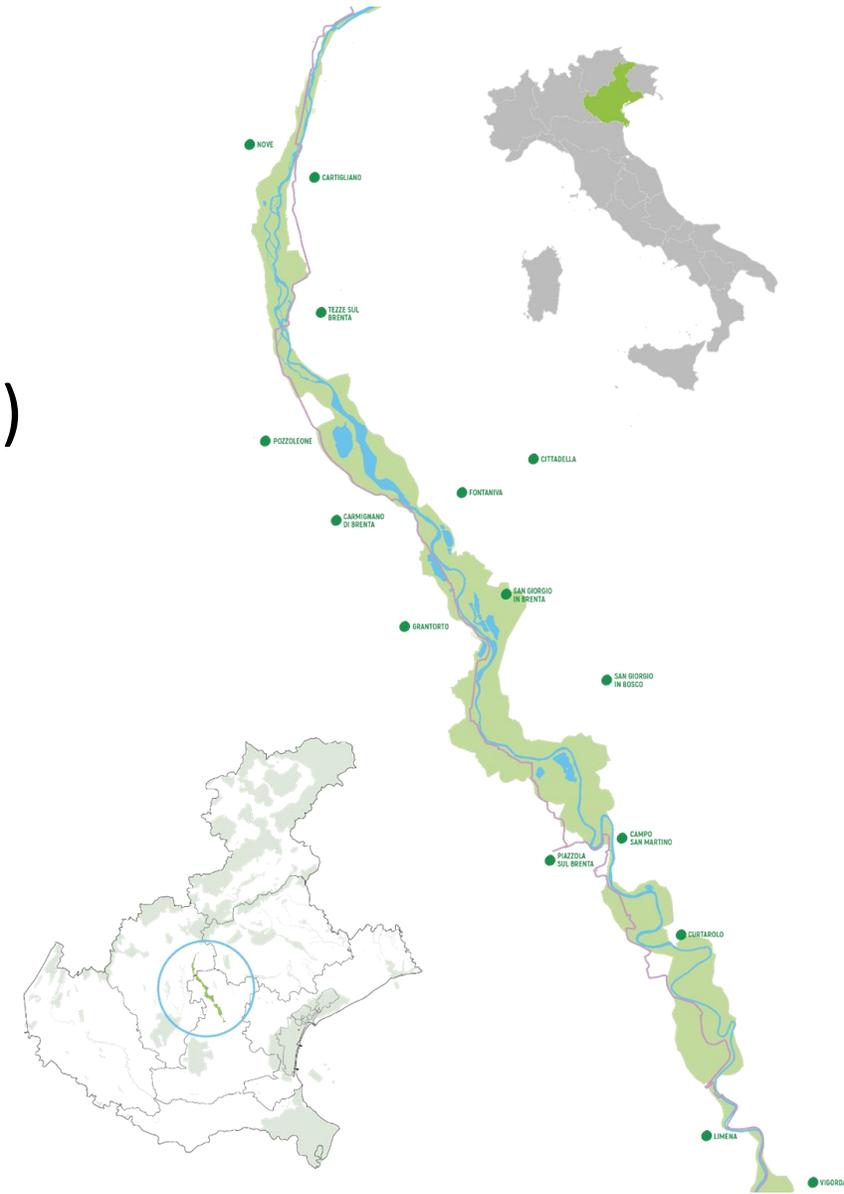


# Environmental and Resource Costs into water tariff in Italy (INN WATER)

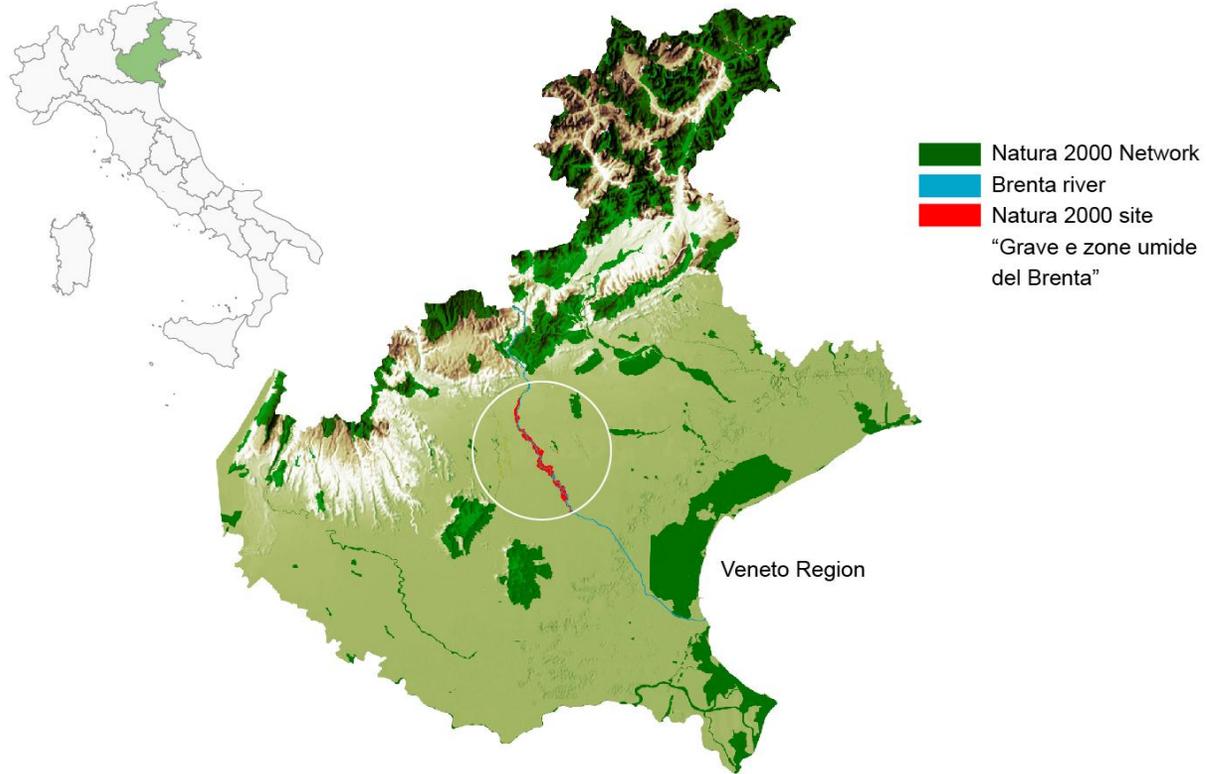
**Juan Diego Restrepo**  
**Etifor | Valuing Nature**

# The Middle Brenta Area

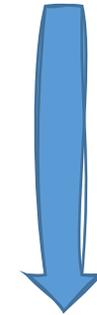
- **56** km of river (from Bassano del Grappa to Padua)
- **2** provinces, **15** municipalities
- 1.5 million people (**30%** of the Veneto Region) served by the Medio Brenta well field
- **1** Natura 2000 site
- "Grave and Wetlands of the Brenta"



# Context

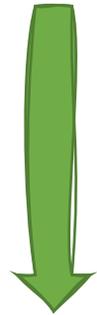


## Brenta River



**Freshwater provisioning**  
(30% at regional level)

ECOSYSTEM SERVICES

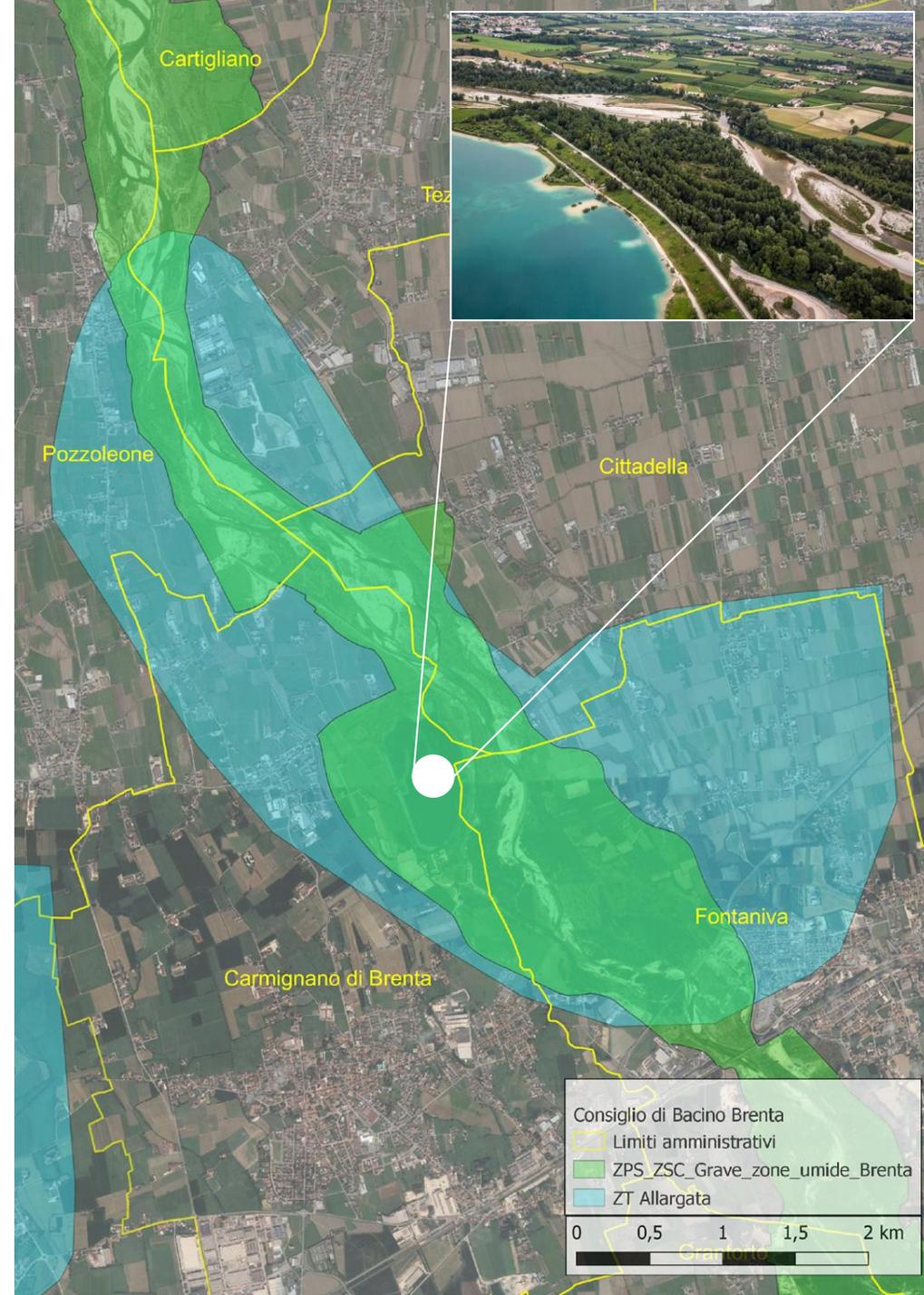


**Biodiversity conservation**  
(Natura 2000 site)

# Governance aspects

	Water resources (IWRM)	Biodiversity
<b>European regulatory frameworks</b>	Water Framework Directive	Habitats and Birds Directives
<b>Protected areas</b>	Protection areas for drinking water collection	Natura 2000 Network (SAC/SPA site)
<b>Protection measures</b>	Restrictions, Measures for Qualitative and Quantitative Improvement	Site-specific conservation measures
<b>Regulator/ local manager</b>	Brenta River Basin Council (ATO) / Etra (Water utility)	<b>Lack of operational management</b>
<b>Management plan</b>	Area Management Plan	
<b>Financing instruments</b>	Water service tariff	

"Synergistic" overlaps



# Path undertaken (2019 - 2026)



“Developing good governance via **financing schemes** for biodiversity and water conservation for the Brenta river”



Integrating the drinking water planning with Natura 2000 through the application of the **Environmental and Resource Costs (ERC)**

This project has received funding from the LIFE Programme of the European Union  
LIFE18-NAT\_IT\_000756



“Promote innovative and **inclusive governance across all sectors** for a transition to sustainable water systems”



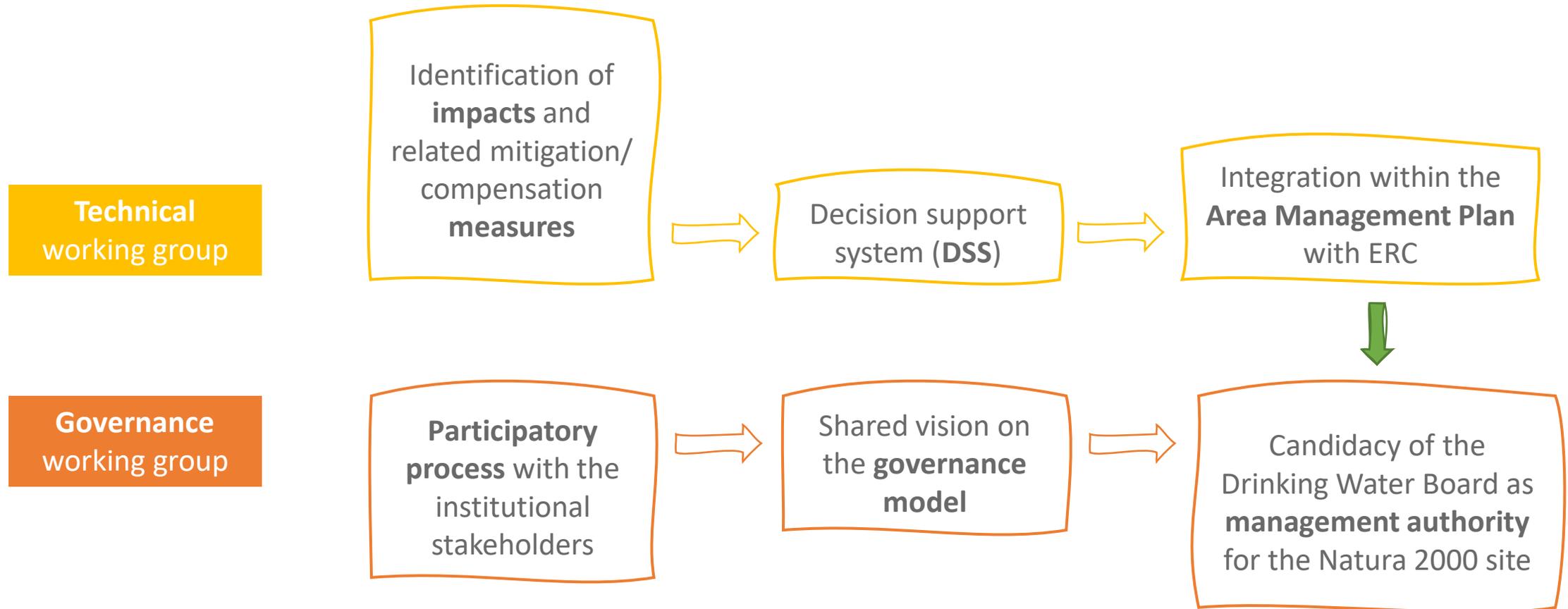
Stakeholder engagement and **governance model for the new** management body (River Basin Council)



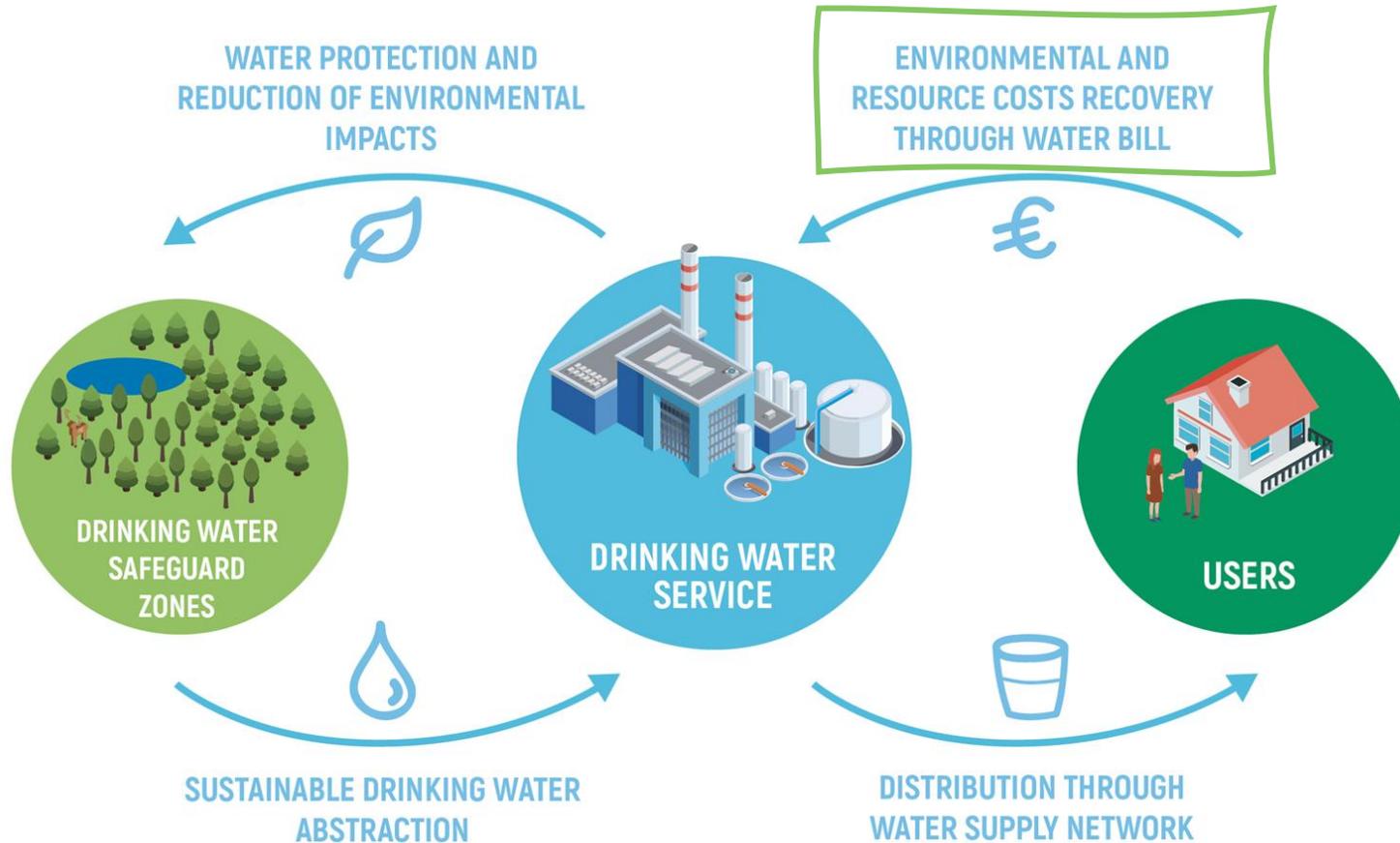
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# Methodology



# Environmental and Resource Costs (ERC)



Environmental and resource costs:

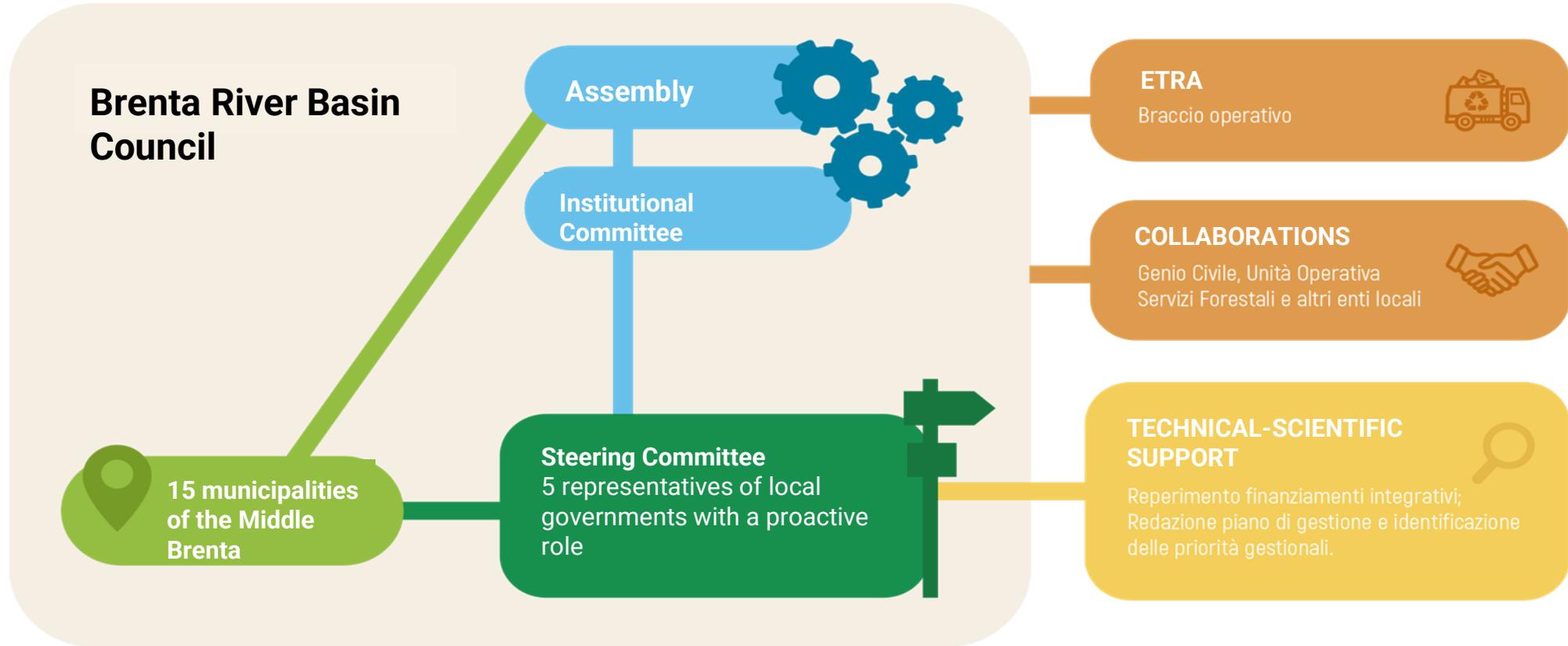
the **economic valuation** of reducing and/or altering the **functionality of aquatic ecosystems**, and the missed opportunities (current and future) resulting from a specific use of a resource

Delibera ARERA  
639/2023/R/idr

Zanetti C.,  
Leonardi A.,  
Cristofani G.,  
Amato G.  
(2021)



# The new water-biodiversity governance



# Process documentation within InnWater



This project has received funding from the European Union's Horizon EUROPE research and innovation program under grant agreement No. 101086512.



This project was funded by UK Research and Innovation (UKRI) under the UK government's Horizon Europe funding guarantee [grant number 10066637].

Call: HORIZON-CL6-2022-GOVERNANCE-01  
Project 101086512



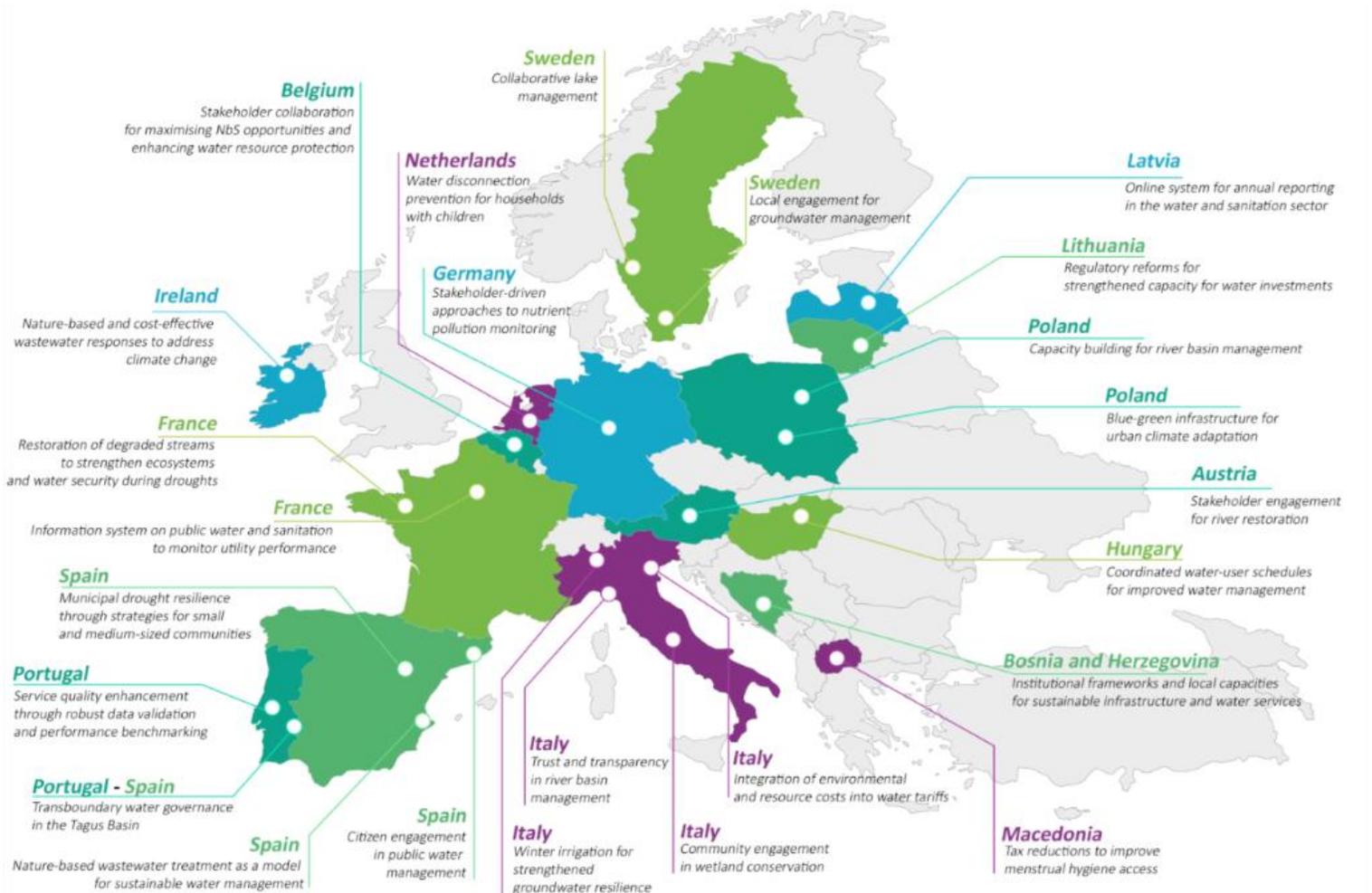
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## D2.2: Advancing Water Governance: Reference Guide for Programming

Florencia RIEIRO, H el ene LeDEUNFF, Alice JARAISEH, Gustav THUNGREN, Ricard GINE (SIWI)

Delivery date: 31/03/2025



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