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# InnWater – Pilot Sites

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Julie Magnier (OiEau)



## INN WATER

Promoting social innovation to renew  
multi-level and cross sector water governance



## Project objective



Support multi-level and cross-sectoral **water governance** for a transition to **sustainable** water systems



By developing a set of digital **tools and services** embedded in a single **platform**

*With a focus on:*

### ➤ Social innovation

Combining technological and non-technological dimensions (governance, capacity building, economics) of innovative products, process or services.

Aim: To give to the **stakeholders** a clear **role** to co-develop and experience governance solutions that they will use in an autonomous manner in the end.

# Demonstration



**Tools and methods will be tested and co-developed in 5 Pilot Sites.**

**Stake:** combining project's tools and services with what is already existing locally

This will lead to:

- the identification of the **policy and regulatory recommendations** at the **local, European and international scales.**
- the **replication** of InnWater solutions.



# Method

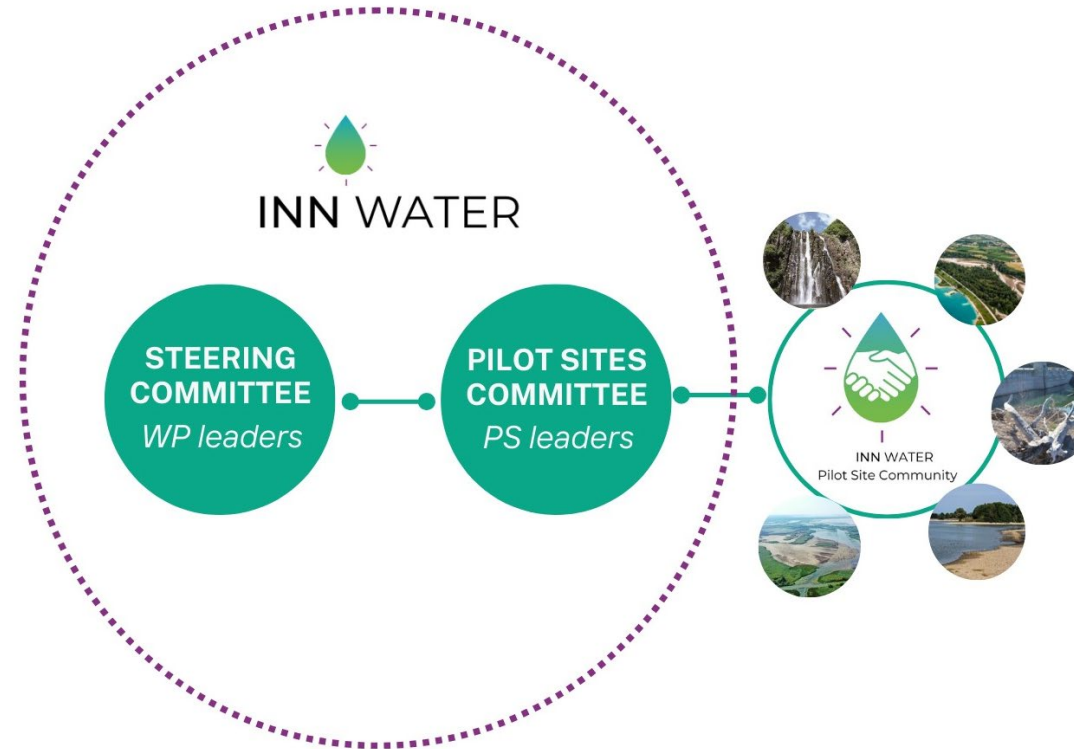
## Pilot Sites Leaders

**A Committee** made of Pilot Sites leaders, dedicated to “Experiencing innovative governance in Pilot Sites”, which:

-sets the framework for Pilot Sites work

-ensures that there is a constant link between the project and the Pilot Sites

-gives feedback (replication, recommendations)



## Pilot Sites Communities

Gather **Pilot Sites stakeholders:**

- Water authorities
- Policy makers
- Cross sectors managers
- Water and environment associations
- Researchers
- Citizens

# Co-developing the tools with Pilot Sites




## INN WATER Pilot Sites



PS#1   
Réunion Island (FR)  
Economic focus



PS#2   
Brenta (IT)  
Ecosystem services & drinking water sector



PS#3   
Figueres (ES)  
Water scarcity



PS#4   
West Country (UK)  
Water quality



PS#5   
Middle Tisza (HU)  
Water allocation

ECONOMIC  
MODELLING

ECONOMIC  
MODELLING

ECONOMIC  
MODELLING

GOVERNANCE ASSESSMENT

CITIZEN ENGAGEMENT





# Pilot Site #1 La Réunion Island (FR)

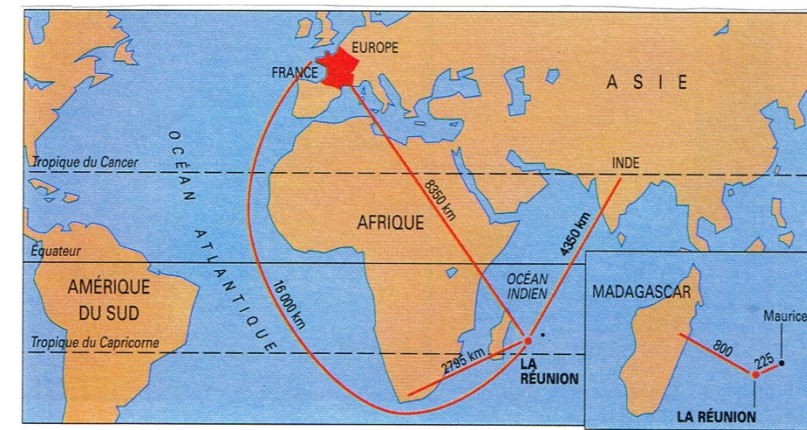
• Led by  UNIVERSITÉ DE LA RÉUNION

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## Stakeholders

- Local Water Agency
- DEAL La Réunion
- Parliamentary Attaché
- Chamber of Agriculture
- Eletricité de France
- Water compagnies
- Representatives of water users



## Challenges

- Improve **pricing policies system** with local stakeholders
- Maintain the quality of **surface water**, fight against **saline untrusions**
- Need of **investment in infrastructures**



## Ambition

- Improve the **socio-economic performance** of local water pricing policies
- Improve the **vertical** (between stakeholders at different levels) and **horizontal** (between local stakeholders) **dialogues**
- Fostering the **co-construction** of public water policies, with a focus on the crossed sectors
- Improving the **citizen engagement** by providing **relevant socio-economic information and tools**

# Pilot Site #2 Middle Brenta Basin (IT)

## • Led by

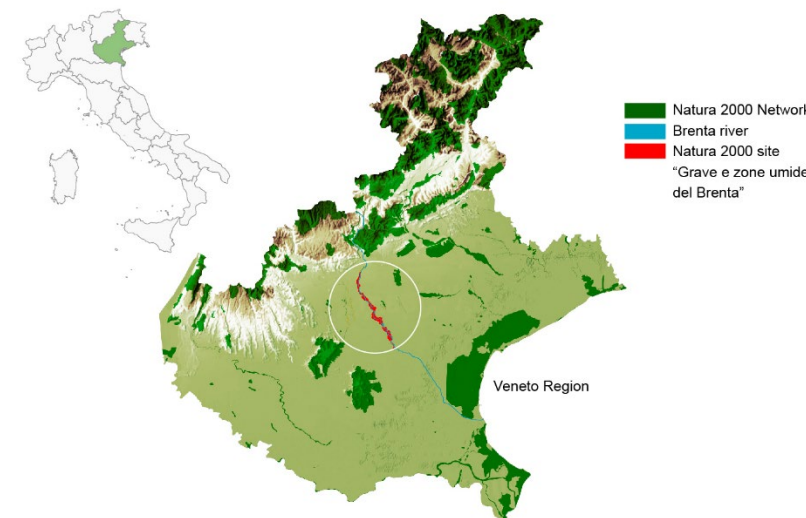


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### Stakeholders

- Drinking Water Board
- Water utilities
- Irrigation consortium for agriculture
- Veneto region
- Local municipalities
- Parco Fiume Brenta
- Environmental association
- Citizens
- Farmers



### Challenges

- Water withdrawals:

Implying new **constraints** in the agriculture sector, the primary economic activity in the area  
Provoking direct **impacts for Natura 2000** (protected areas) ecosystems, by lowering the water table level



### Ambition

- Promote** an integrated governance of water and biodiversity through a participatory and innovative **consultation management Committee**
- Apply the Environmental and Resource Costs (ERCs) in the drinking water tariff** and explore the possibility to apply the polluter/user-pays principle also in other water sectors (e.g., agriculture)
- Develop/improve a smartphone app** for households to create awareness raising, water saving behaviors

# Pilot Site #3 Figueres (SP)

• Led by



Ajuntament de Figueres  
www.figueres.cat

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## Stakeholders

- Figueres city council
- Fisera
- Agència Catalana de l'Aigua
- Irrigation community of Muga river

- Environmental groups
- Local experts



## Challenges

- Droughts** management
- Floods** prevention
- Water as a natural issue: **water quality and quantity**



## Ambition

- Co-creation** of a **global water management plan**, based on a consensus
- Creation of a **new entity** responsible of the **implementation** of the plan
- Citizen awareness** on water issues
- More **information** provided on water management



# Pilot Site #4 Westcountry (UK)



## • Led by

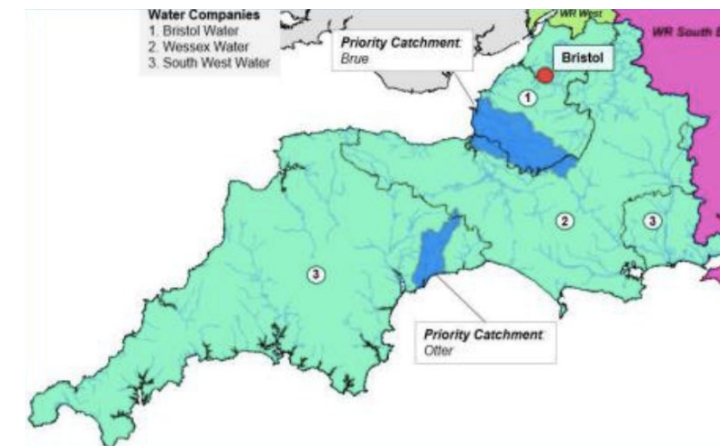


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### Stakeholders

- Water companies
- Local authorities
- Environment Agency & Natural England
- Abstractors
- River interest groups



### Challenges

- Water quality** highly variable, with an impact on treatment costs
- Catchment **Partnerships not collated** at regional scale



### Ambition

- Pull **together different scales of partnerships** to deliver Integrated Catchment Management
- Highlight the **value of collating public, private and community data**

# Pilot Site #5 Middle Tisza (HU)

## • Led by



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### Stakeholders

- Citizens and civil society
- Farmers and their associations
- Municipalities, regional authorities
- Drinking water utilities
- Tourism sector, anglers
- Hydropower plants



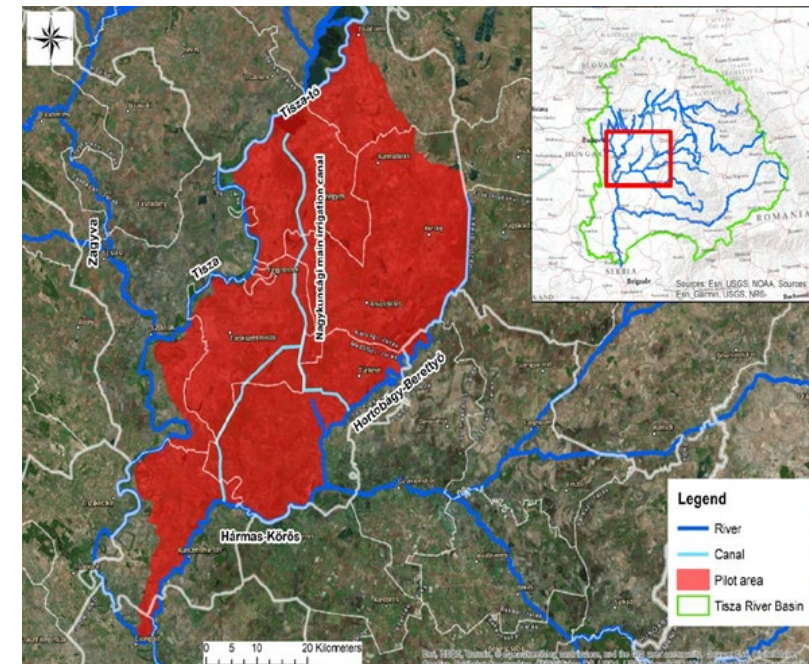
### Challenges

- Seasonal or periodical **water extremities** (floods, droughts)
- Allocation of water resources** among competitive uses



### Ambition

- Test an **improved** water and landscape **management methodology**, based on the resources and technical results of the project, especially **comprehensive information** on competitive water uses
- Implement a **multi-stakeholders** conflict resolution process, towards policy realization





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# Questions



## INN WATER

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attention



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# InnWater : in a nutshell



<b>3</b> Million €	<b>13</b> Partners	<b>1<sup>st</sup> March 2023</b> Starting date
<b>5</b> Pilot Sites		<b>6</b> Countries
<b>3</b> Years		



- ❖ **Funded by the European Commission** under the Horizon Europe Research & Innovation programme
- ❖ **A partnership** made of **stakeholders** with complementary profiles (Research and Technology Organisations (UR, URN, EUI, EUT), SMEs (ETIFOR, REKK), end users (CBB, FIGUERES, WRT, KÖTIVIZIG), associations with EU (WAREG) and international (SIWI, OiEau) coverages).

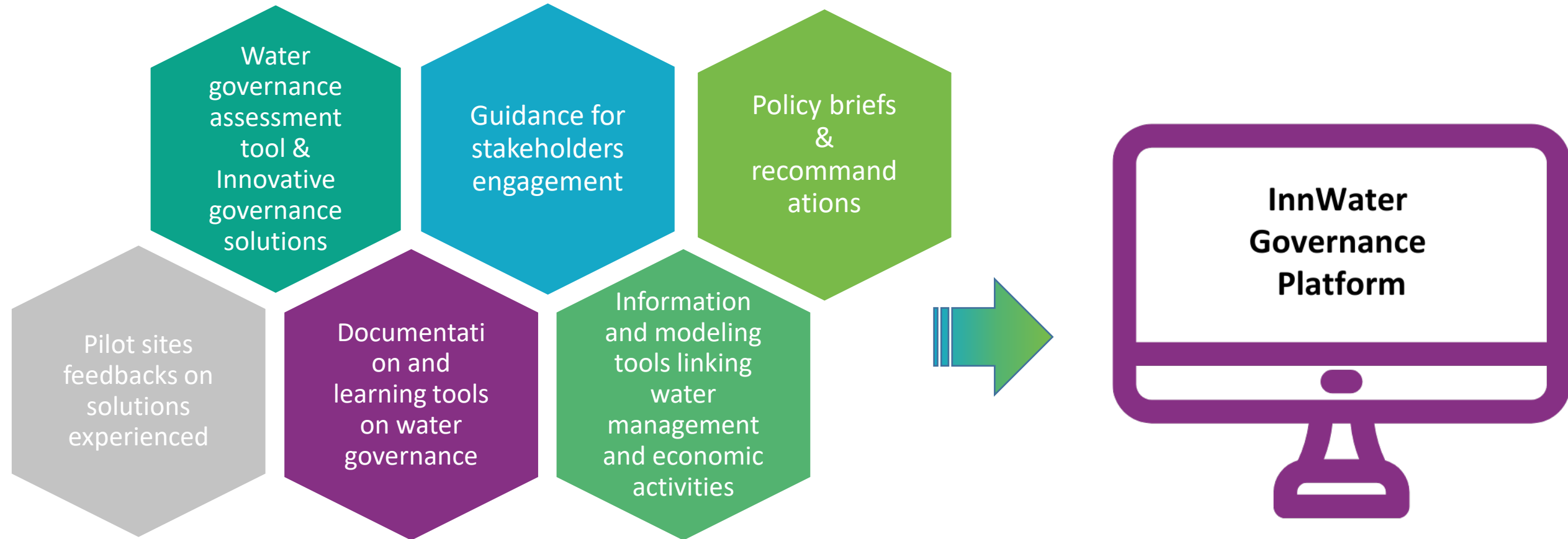


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# Expected results



# InnWater Workplan



WP1 - Project management



**WP2 - Water governance for sustainability and resilience**



**WP3 - Quintuple Helix Trust & Engagement**

**eurecat**  
Centre Tecnològic de Catalunya

**WP4 - Digital tools for water governance**

**STEERING COMMITTEE**  
*WP leaders*

**PILOT SITES COMMITTEE**  
*PS leaders*



**WP5 - Experiencing innovative governance in Pilot Sites**



**WP6 - Impact maximisation**

Events, Training

Publication, Recommendations

Replication, Exploitation