

WATER4ALL
PARTNERSHIP

Water4All

Water security for the Planet

What contribution to achieving good ecological status?

Benjamin Lopez - ANR (Water4All CEO)

22nd EURO-INBO INTERNATIONAL CONFERENCE, Parma, Italy –
Friday, May 22nd

Partners



Coordinator



Budget

Phase 1: 86M€, 26M€ from the EC

Phase 2 : from June 2024: 103 M€, 31M€ from the EC

For the decade : 420 M€ expected (130 M€ from EU)

33 countries

- 23 EU Member States
- 10 non EU countries

*Discussions with: Slovenia, Western Balkans, China, **India**, Cuba...*

Water4All holistic approach and objectives

Pillars and Actions



Strategic Research Innovation Agenda



1. Deliver sound knowledges, tools and evidence basis for policy and decision making
2. Improve consideration of water impact in all relevant policies
3. Enhance the field / market use of innovative solutions to water challenges
4. Increase citizens awareness and engagement for an inclusive water management

6 ANNUAL JOINT TRANSNATIONAL CALLS (2022-2028)



1

2022

27 projects
27 M€
KO Apr. 24

“Management of water resources: resilience, adaptation & mitigation to hydroclimatic extreme events and management tools”



□ 3 projects directly linked to emerging pollutants ([DIME](#), [MARSURE](#), [WATERGREENTREAT](#))

2

2023

23 projects
27 M€
KO Apr. 25

“Aquatic Ecosystem Services”



□ 2 projects directly linked to emerging pollutants ([DEEPTHOUGHT](#), [WETREAT](#))

3

2024

34 M€
Selections in progress

“Water for Circular Economy”



4

2025

32 M€

“Water and Health”



5

2026

Themes to come.....

DOWNLOAD THE BOOKLETS
OF THE FUNDED PROJECTS!



“In kind” Scientific Activities

- Identification of Research gaps, needs
- International Cooperation
- Training and capacity buildings, PhD Schemes
- Observatories and R&I infrastructures
- Support to SMEs (EU incubator, transfer...)
- Water Oriented Living Labs

Focus on the MARSURE project (April 2024 – March 2027)

Hybrid Managed Aquifer Recharge as an Adaptation Tool for Resilient and Sustainable Groundwater Management

Objective

Develop hybrid processes for **Managed Aquifer Recharge (MAR)** using reclaimed water to enhance **resilience and water quality in groundwater management**.

Approach

- **Hybrid MAR** = Pre-treatment (e.g., ultrafiltration, ozonation) + Controlled infiltration + Retention time in the aquifer to remove Trace Organic Chemicals TOCs (e.g. **antibiotic residues, industrial chemicals, biocides and pesticides**, etc.)
- ⇒ Enhances biodegradation via bioaugmentation and biostimulation strategies

Methods

- Lab and column experiments to assess pollutant degradation
- Pilot and field-scale implementation
- Analysis of microbiomes, transformation products, and biodegradation pathways

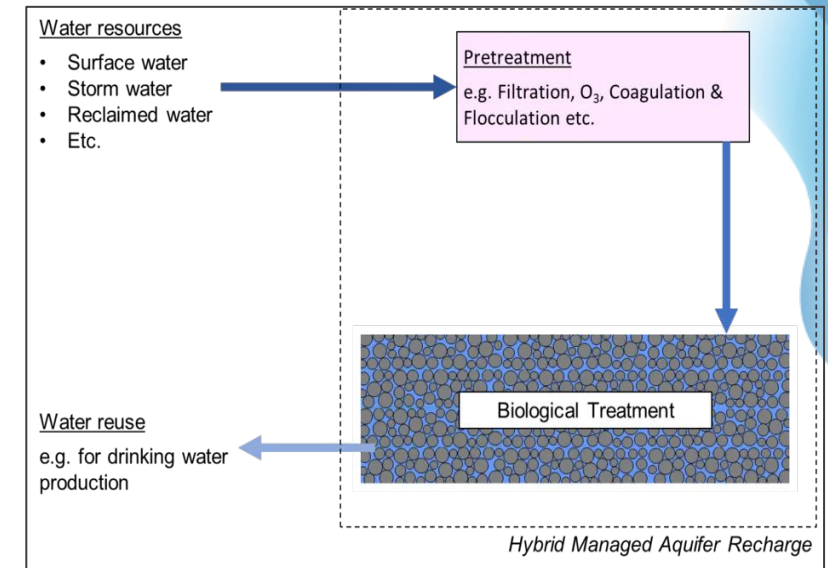
Consortium

Coordinator: Prof. Jen Aamand – GEUS (DK)

Partners: Berliner Wasserbetriebe, KU Leuven (BE), TUM (DE), Univ. Bordeaux & Poitiers (FR), Univ. Granada (ES)

Funded by Water4All 2022 Joint Transnational Call

Topic: "*Management of water resources: resilience, adaptation & mitigation to hydroclimatic extreme events and management tools*"



<https://www.cee.ed.tum.de/en/sww/research/water-reuse/marsure/>

Upcoming 2025 Joint Call “Water & Health”



CALL TOPIC

- **Water4All SRIA theme 4 “Water and health”**
 - sub-theme 4.1 on “Behaviour and effects of contaminants of emerging concern, plastics, endocrine disruptors”
 - sub-theme 4.3 on “Innovative water tools and technologies for water quality monitoring and water treatment, remediation and disinfection”
- Links to other SRIA themes will be explored
 - sub-theme 3.3. “Groundwater management” and to the cross-cutting themes on governance
 - sub-theme 7.1 “Developing methods for more efficient citizen and wider stakeholder engagement”
 - sub-theme 7.3 “Supporting the adoption of innovations”
- Potential budget: 32 M€
- 2-step evaluation
- Tentative call timeline
 - **Opening mid-September 2025**
 - Submission deadline pre-proposals (step 1): mid-November 2025



More and more actions...

□ to engage scientists

- TAP Actions
- SRIA revision: National WS, Public consultation...
- **Knowledge hubs**

□ to transfer research results to policy

- Policy support group and forum

□ to connect problem owners with solution providers

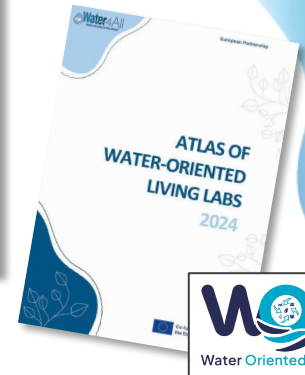
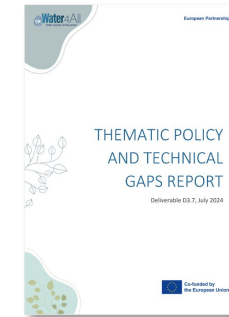
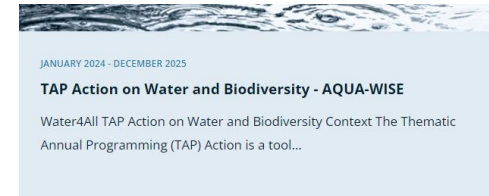
- Water Oriented Living Labs (WOLLS)
- Matchmaking platform

□ to communicate with society and economic actors

□ to educate young people

- Early Career Researchers
- “Engage generation Z” activity - 360° Water Experience Tour for Bachelor students
- New Water4All MBA programme

□ to increase international visibility



□ MoU with the UNESCO-IHP signed in November 2024



Join the Water4All Knowledge Hub on **Aquatic Ecosystem Services**

A collaborative platform with hands-on working sessions (both online and in-person) that turns the outcomes of 23 projects into actionable policy and practice.

Until the end of 2025:

You support the development of a shared understanding of the root causes and solutions for restoring aquatic ecosystem services.

From 2026 onwards:

You support the acceleration of mutual learning and the co-creation of systemic recommendations.

Picture: workshop during the kick-off of the KH-AES in Montpellier.
[Water4All transnational projects](#) · [Nexus Learn](#)



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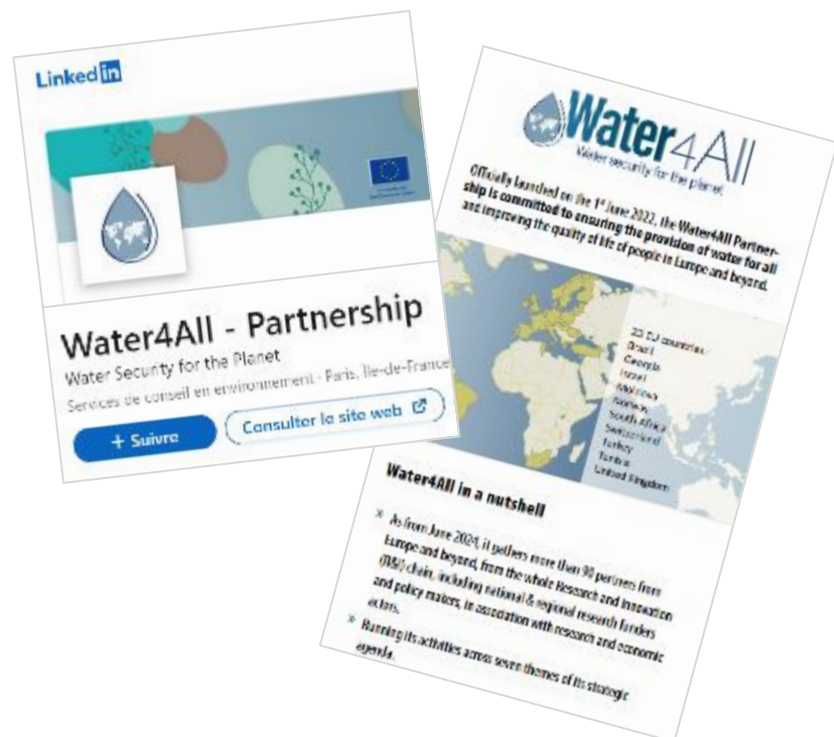
For more information

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WATCH THE PRESENTATION VIDEO!