

WATER4ALL
PARTNERSHIP

Water4All

Water security for the Planet

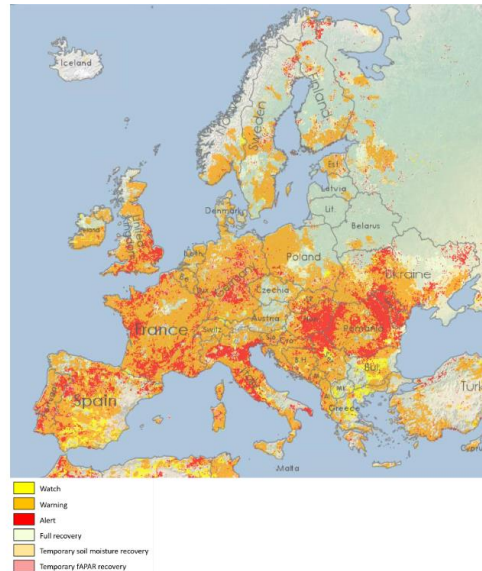
Generic presentation

Why Water4All ?

- Major issue for life on Earth, ecosystems and human activities...
- Droughts, floods, ...water pollution, water and soil salinization...
- Global Water Demand : +55% from 2015 to 2050
- Annual freshwater resources per inhab. shows a large decrease for most Eastern and Southern EU countries over the 1997-2017 period (e.g. Spain -65%, Malta -54%, ...)



Pô Valley, Summer 2022, Italy



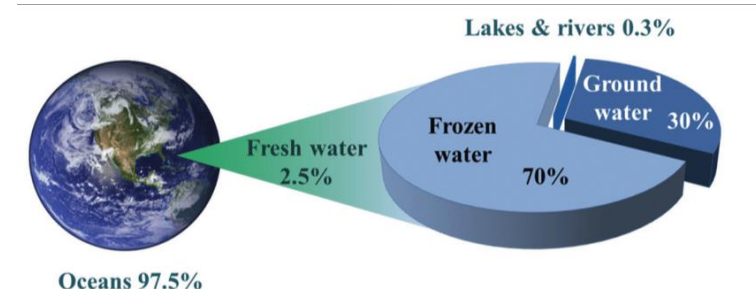
- Climate change effects already increase damage on water resource
- More than 90% disasters worldwide are water-related (UN, 2023)
- Between 2010 and 2020, human mortality from floods, droughts and storms was 15 times higher in highly vulnerable regions (IPCC, 2023)
- Drought in Europe 2022 : 50% of the territory, only 19% of normal annual rainfall in many parts (impact on soil, ecosystems, biodiversity...)



Nîmes Flood, 1988, France

Drought in Europe - August 2022

JRC Global Drought Observatory (GDO) of the Copernicus Emergency Management Service (CEMS) - 22/08/2022



Why Water4All ?

■ Water Framework Directive 2000/60/CE

- 52% of the EU surface water are in poor chemical status and 40% in poor ecological status
- 30% of the EU groundwater

● 85% of wetlands disappeared (COP15, 2023) : EU Biodiversity Strategy for 2030 (published in 2020), Nature Restoration law 2022

■ A lot has already been done (decades of EU and national water research)

→ *With Horizon Europe: to give a fresh boost to the European Research, Development and innovation for water*

→ **CO FUNDED PARTNERSHIP**

HORIZON EUROPE PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, ...
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	Water4All
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*
Rare diseases*	Photonics	Batteries	Accelerating Farming Systems Transitions*
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Agriculture of Data*
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food System*
Pandemic Preparedness* <small>Co-funded or co-programmed</small>	Processes4Planet	Built4People	
	Global competitive space systems**	Clean Energy Transition	
		Driving Urban Transitions	

PILLAR III - Innovative Europe

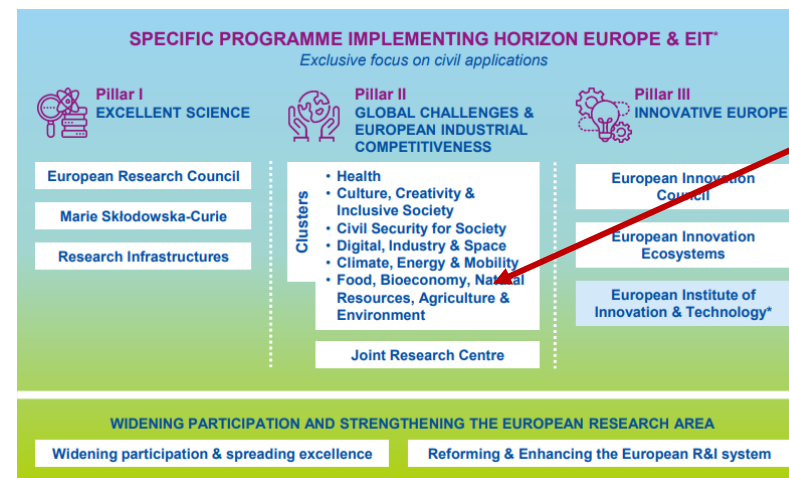
EIT (KNOWLEDGE & INNOVATION COMMUNITIES)	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-PILLARS II & III

European Open Science Cloud

- Institutionalised Partnerships (Art 185/7)
- Institutionalised Partnerships / EIT KICs
- Co-Programmed
- Co-Funded

* Calls with opening dates in 2023-24
** Calls with opening dates not before 2022



Partnerships
Pillar II, Cluster 6



What is Water4All ?

82 partners (34 research funding agencies, 15 sectoral ministries, 18 research organisations, 3 EU networks, 3 local authorities, 8 national / regional networks representing economic actors)

31 countries (23 Member States and 8 non EU countries)

**June 2022 – May 2032, Phase 1 (86M€, 26M€ from the European Commission)
420M€ expected for the decade (126M€ from the EC)**

A “new” way of supporting Research

- Gathering our funds
- Cross-sectoral approaches (researchers, policy makers, citizens, economic actors)
- Continuum development to the transfer and practice to the actors from knowledge
- Accelerating the impact of Research on water management (EU, SDGs objectives, WFD and others EU regulations and laws ...)



What is Water4All ?

Focus on the Spanish partners....

Water4All vice chair : Miguel-Angel Gilarranz-Redondo (University of Madrid)

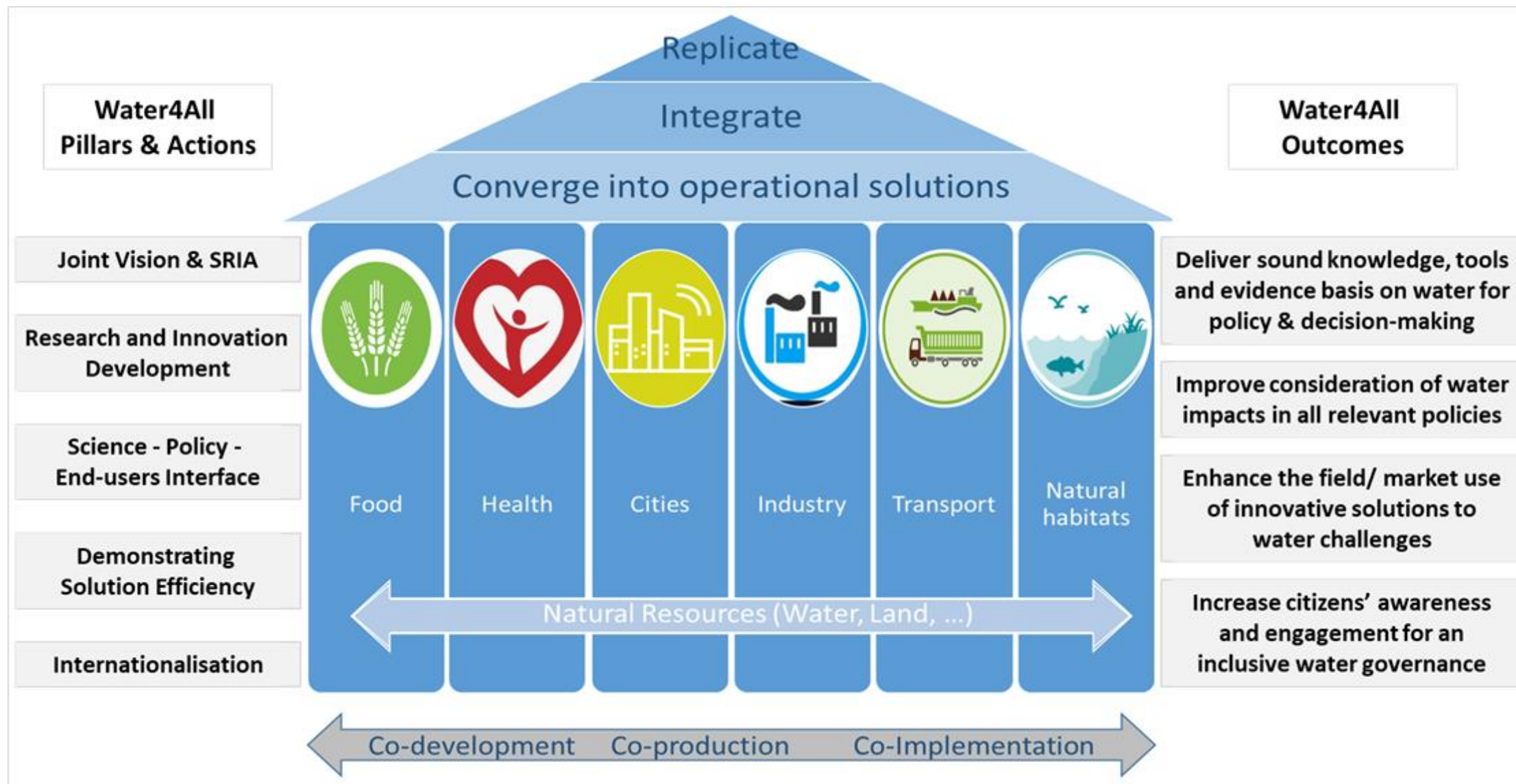
Actual consortium



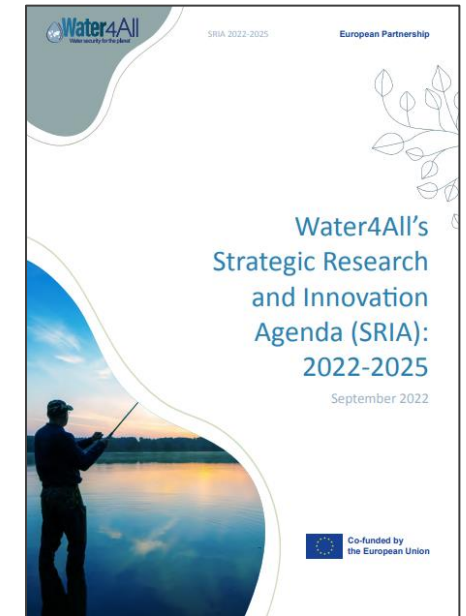
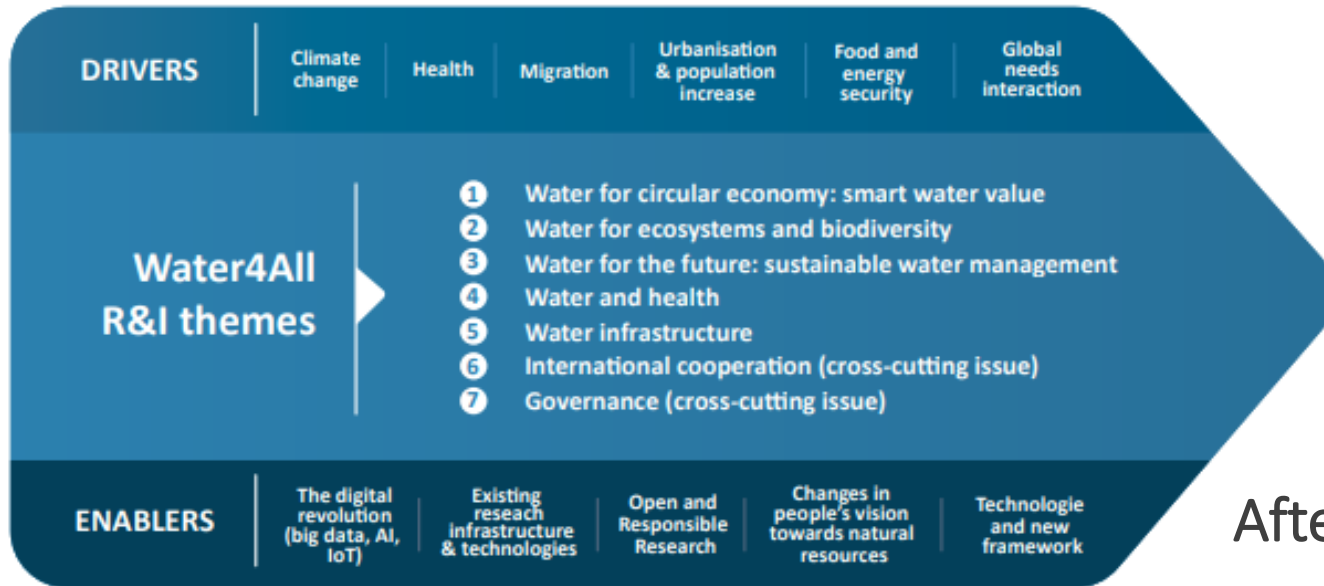
From 2024



Water4All holistic approach...

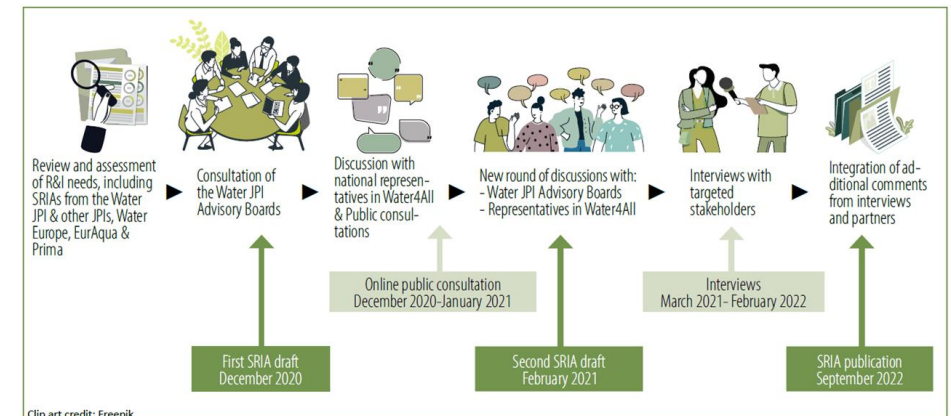


Water4All RDI themes and Strategic Research Innovation Agenda



After a large consultation process

7 core themes and 25 sub-themes
Research gaps and Policy needs



The SRIA as a living document



- New SRIA version to be published in **2025**
 - review of additional strategic documents
 - new consultation process – including two stakeholders' consultative workshops and exchanges with Water4All Advisory Boards
 - public consultation
 - interviews with target stakeholders
 - exchanges with other EU partnerships and Missions

What are we doing ?

6 Annual Joint Transnational Calls (2022-2028)

1st Water4All Joint Transnational Call
 (open in September 2022, results in september 2023)
 Budget: 34M€ (6M€ from the European Commission)
 “Management of water resources: resilience, adaptation and mitigation to hydroclimatic extreme events and management tools”

2nd Water4All Joint Transnational Call
 (open September 2023, pre-announcement July 2023)

Aquatic Ecosystem Services
 (link with Biodiversa+ Partnership next call on Nature Based Solutions)
 Including : Knowledge Hub, Young Researcher Call

3rd Water4All Joint Transnational Calls
 Budget ~32M€ (open September 2024)
 Water for Circular Economy

4th Water4All Joint Transnational Calls
 Open September 2025
 Water and Health



“In kind” scientific activities

Identification of Research gaps, needs

International Cooperation

Training and capacity buildings, PhD Schemes

Water Oriented Living Labs

Platform of solutions for water management (including ecosystem restoration)

Support to SMEs (market, EU incubator...)

Open data, open science (knowledge hub, open database) with a transdisciplinary approach

.....

Addressed through a variety of actions

E. Internationalisation (CNR, GSRI)

Developing international cooperation agreements
Engaging with UN Water and other international stakeholders
Developing innovative tools for cooperation

B. Research and innovation Development (AEI / FECYT)

Joint transnational calls
Thematic annual programming
Young researchers calls
Demo/transfer calls

A. Joint vision & SRIA (ANR)

SRIA Development
Mapping of programmes and impacts
Development of synergies
Dissemination

(Water Europe)

D. Demonstrating Solution efficiency

Water Living Labs (LLs) & demos atlas
Network of LLs/demos and roadmap for demonstration implementation
Support to development of new LLs
Market uptake support
Liaising with investors

(FORMAS, ISPRA)

C. Science – Policy - End-users interface

Knowledge hubs, policy WGs
Support to start-ups creation
PhD scheme; mobility scheme
Vocational training
Capacity building on systemic thinking
Link to research infrastructures
Toolbox for managing water data

About the Joint Transnational Calls

- 3 years RD&I projects
- Call and evaluation process
 - Step 1 (2 months, 7 pages pre-proposal), 3 evaluations / pre-proposal
→ ranking list → decision of the Call Steering Committee
 - Step 2 (2 months, full proposals)

Ex. JTC1 : 168 pre-proposals submitted in step 1, 65 invited in step 2



- Eligibility criteria
 - Minimum of 3 eligible partner from participating countries
 - Minimum of 2 independent legal entities for 2 different EU Member States or Horizon Europe associated countries
 - Maximum of 7 partners
 - Coordinator from an eligible country
 - No partner with more than 50% of the person-months

- The topic of each JTC is chosen by the participating Funding Agencies (Pillar B partners) on the basis of the SRIA

Water4All updates and on going activities

Example of others activities (beyond the SRIA revision and the calls)



■ Science Policy interface (Pillar C)

- Contribution to the Knowledge Hub (call for experts and consortia to draft policy briefs etc...)
- Support to **Research infrastructures and observatories** (1st collaborative Workshop, 5 June 2023)
- Open data / open science platform
- Development of a matchmaking platform (2025)

Target audience

- 'problem-owners' (primarily water utilities and public administrations)
- 'solution-developers' (research institutions, SMEs, water utilities, public administrations, etc.)



■ Demonstration activities (Pillar D)

- Atlas of existing Water Oriented Living Labs (May 2024)
- New living labs (citizen engagement...)



■ Internationalisation (Pillar E)

- Participation to important international conferences (UN Water conference, Groundwater Summit, GSIC Rio, WWF Bali...)
- International cooperation
- Contribution to the SDGs



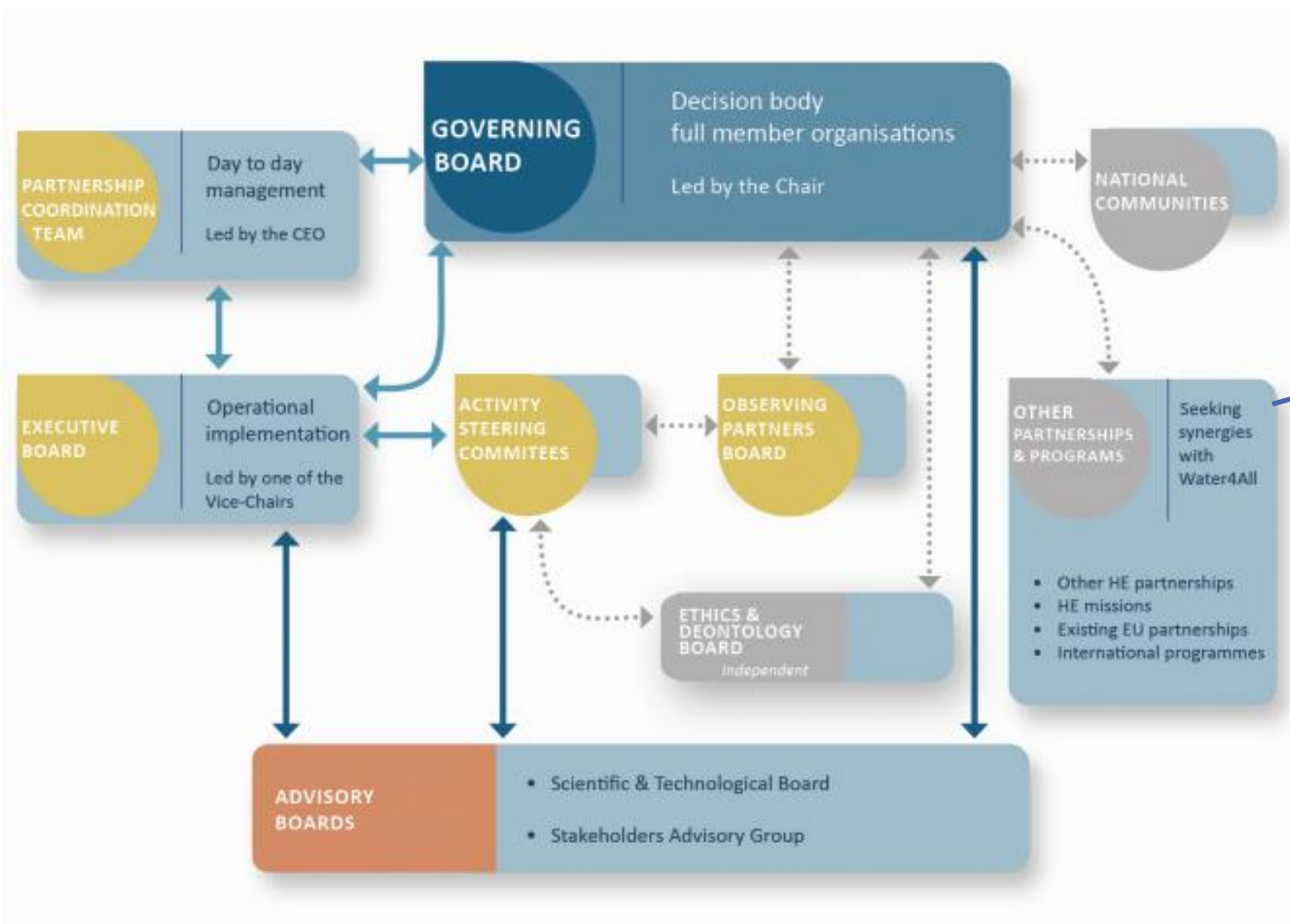
On going discussion with Cuba
Importance of Latin American Countries (LAC)
→ Target for the widening of the consortium



Sustainability Research + Innovation Congress 2023
26-30 JUNE 2023 | ONLINE & PANAMA CONVENTION CENTER | PANAMA CITY, PANAMA

Water4All governance

DG RTD
REA



EU MISSIONS
RESTORE OUR OCEAN AND WATERS

biodiversa+
European Biodiversity Partnership

Sustainable Blue Economy Partnership

Future Partnerships
Agro-Ecology
Food Systems
OneHealth AMR
.....

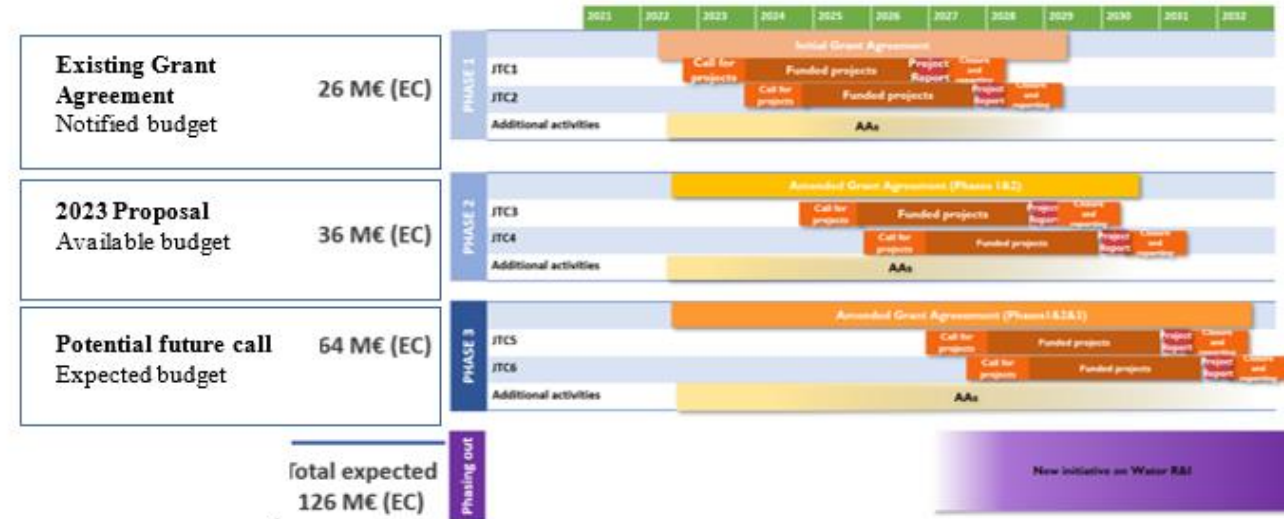
Collaboration opportunities and financial conditions

- If you are a **public institution, a research organisation, a public / private network**
 - **Apply to annual Joint Transnational Calls**
 - AND / OR
 - **Join the partnership and contribute to the scientific “in kind” activities** under Pillars A, C, D, E
 - *Both are possible with specific conditions to avoid any Conflict of Interest (different teams, sign a commitment about the risk of Col, ...)*
 - **How?**
 - Joining the Observing Partners Board from now
 - Joining the Consortium in June 2026 (Proposal to be submitted to the European Commission around Spring 2025) by signing the Grant Agreement and the Consortium Agreement as Full partner or Associated partner
 - Financial contribution from the European Commission if you are eligible to Horizon Europe
 - Contribution to several pillar activities and to the Water4All governance, strategy and dissemination
 - **Financial conditions**
 - If your country is in the list of “Participating Countries in Horizon Europe” and you are Full partner, you are eligible to the EC contribution for your participation in the different activities
 - See detailed costs on the next slide

Water4All financial rules and planning



- A budget allocated in 3 phases by the EC
- EC contribution = 30% of the estimated eligible costs of ALL partners
- All partners have to provide in-kind contribution
- Water4All principles for the distribution of the EC contribution
 - For “Beneficiaries” and “Associated entities” only. “Associated partners” (not eligible to Horizon Europe) and “Observing Partners” don’t receive an EC contribution and contribute on their own budget
 - Internal funding rate by cost (tentative estimation to be confirmed)
- Possible synergy with other EU fundings (e.g., [ERDF](#))



Pillar	EU contribution to eligible costs				
	(U _a) Funding rate on Personnel costs/%	(U _b) Funding rate on Subcontracting costs/%	(U _c) Funding rate on Purchase costs/%	(U _d) Funding rate on Other costs/%	(U _e) Funding rate on Indirect costs/%
Pillar O	100%	100%*	100%*	21%**	30%
Pillar A	50%	100%*	100%*	21%**	30%
Pillar B	50%	100%*	100%*	21%**	30%
Pillar C	50%	100%*	100%*	21%**	30%
Pillar D	50%	100%*	100%*	21%**	30%
Pillar E	50%	100%*	100%*	21%**	30%

(*) the subcontracting costs should not represent more than 50% of the planned EC contribution of the Beneficiary and/or Affiliated Entity, otherwise the reimbursement rate for subcontracting costs drops to 30%.

(**) Equivalent to 27.14% top-up.

Thank you for your attention



Contact us!
Follow us!



April 2023

Progress on Water4All



First Consultative Water4All SRIA Workshop for Experts
Water4All held its first Stakeholder Consultative Workshop on the 16th and 17th of February in Helsinki (Finland). This workshop gathered 30...



Review - First Water4All Joint Call
The Water4All partnership, co-funded by the European Union within the frame of Horizon Europe research and innovation programme, launched in...



Interview of Andrea Rubini - Pillar D Coordinator
In this interview for the Water4All newsletter, Andrea Rubini - Director of Operations at Water Europe - presents Water Europe as an important...



Review of Water4All at the G-STIC conference, Rio de Janeiro (February 2023)
4,200 participants from 140 countries joined the 6th G-STIC Global Sustainable Technology & Innovation Community conference in Rio de Janeiro...



Give your opinion on the water policies, stakeholders & networks to be targeted as part of the Water4All Task C1.2
Give us your opinion until April 25 on the water policies, stakeholders & networks to be targeted as part of the Water4All Task C1.2 on...

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