

# European Partnerships

#HorizonEU

candidate European Partnership

**Water4All: Water security for the planet**

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# Portfolio of candidates for European Partnerships (49)

## HEALTH

EU-Africa Global Health

Innovative Health Initiative

Chemicals Risk Assessment

Fostering an ERA for Health research

Large-scale innovation and transformation of health systems in a digital and ageing society

Personalised Medicine

Rare Diseases

One Health AMR

## DIGITAL, INDUSTRY AND SPACE

High Performance Computing

Key Digital Technologies

Smart Networks and Services

AI, data and robotics

Photonics Europe

Clean Steel - Low Carbon Steelmaking

European Metrology

Made in Europe

Carbon Neutral and Circular Industry

Global competitive space systems

European Geological Service

## PILLAR III AND CROSS-PILLAR

EIT Climate KIC

EIT Health

EIT Manufacturing

EIT Food

EIT InnoEnergy

EIT Manufacturing

EIT Raw Materials

EIT Digital

EIT Urban Mobility

EIT Cultural and Creative Industries

EIT Digital

EIT Urban Mobility

Innovative SMEs

EIT Cultural and Creative Industries

European Open Science Cloud (EOSC)

## CLIMATE, ENERGY AND MOBILITY

Transforming Europe's rail system

Integrated Air Traffic Management

Clean Aviation

Clean Hydrogen

Built environment and construction

Towards zero-emission road transport

Mobility and Safety for Automated Road Transport

Batteries

Batteries

Clean Energy Transition

Sustainable, Smart and Inclusive Cities and Communities

Smart and zero-emission waterborne transport

## FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

Accelerating farming systems transition

Animal health: Fighting infectious diseases

Environmental Observations for a sustainable EU agriculture

Rescuing biodiversity to safeguard life on Earth

A climate neutral, sustainable and productive Blue Economy

Safe and Sustainable Food System for People, Planet & Climate

Circular bio-based Europe

Water4All: Water security for the planet

# European Partnership Water Security for the Planet (Water4All)

Cluster 6

**Form:** Co-funded partnership

**Partners:** National/regional research funders and policy makers as core members, in association with other research and economic actors

**Lead DG(s):** R&I, ENV

**Predecessor:** Building on the work of the Water JPI, the EIP Water and the Water Europe Technology Platform

**Proposal** elaborated by partners:

- 1st draft February, reviewed in March, 2<sup>nd</sup> draft April 2020
- Relatively good first draft, progressing well.

**SRIA** development process:

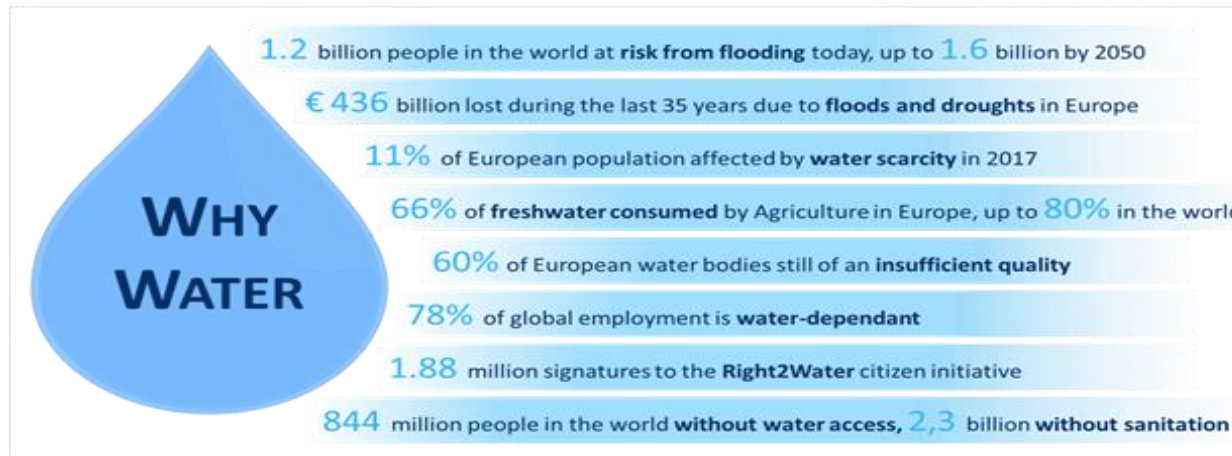
- Under preparation,  
building on the predecessors

**Launch:** WP 2021/22 (2022)

# Problem, Drivers and Opportunities

- ***What are the problems?***

- ✓ **Water emergency crisis, out of track to achieve important EU water policies and SDGs and show impacts**



- ***What are the drivers of the problem?***

- ✓ **Complex challenges, R&I fragmentation, insufficient alignment between funders programs and timelines, knowledge transfer, no continuity of funding from research to implementation**

- ***What are the strategic opportunities?***

- ✓ **Have EU, Member States, European platforms and private sector collaborating efficiently, increase R&I impacts, strengthen EU international role**

# Water4All acting



## ▶ At the Water Security Challenges:

- ▶ Prioritising Water in Political Agenda
- ▶ Too often focus on small changes (address priority steps-changes, Global perspective)
- ▶ Working on the interconnections
- ▶ Synergistic solutions between sectors

## ▶ At the implementation challenge level

- ▶ Aligning funders programmes and timelines
- ▶ Continuity of funding from research to implementation
- ▶ Investing in innovative approaches and solutions
- ▶ Innovation opportunities versus policy compliance

# Objectives

**Vision:** Boosting the systemic transformations and changes across the entire research – water innovation pipeline, fostering the matchmaking between problem owners and solution providers for ensuring water security for all in the long term.

## General objectives:

- Provide solutions to the current and increasing water crisis in the context of global changes
- Strengthen scientific evidence for new policies or update existing ones
- Supporting efficient collaboration and integration of EU, MS and international R&I activities in a multi-actors innovative approach
- Increase implementation of solutions and therefore global impacts.

## The major expected impacts are:

- Increased protection of water resources and ecosystems and strengthening of biodiversity
- Enhancing resilience, mitigation and adaptation of water systems to climate change.
- Pooling resources (EU, Member States, European platforms and economic sectors) and aligning a shared and co-developed SRIA and related implementation plans.
- Develop new instruments for cooperation, across stakeholders, sectors and scales for developing future actions.
- Greater cooperation across sectors, with multi-stakeholder engagement and empowerment.
- Reinforcing the EU's role in the international water agenda.

# Water4All Implementation Actions

Considering pertinent actors' eligibility conditions

## **Pillar B. Research and innovation Development**

- Generate new knowledge and innovation
- Up to operational scale

## **Pillar C. Science – Policy - End-users interface**

- Connect Science and innovation to policy-makers and operators

## **Pillar A. Joint vision & SRIA**

**For actions at all levels**

## **Pillar E. Internationalisation**

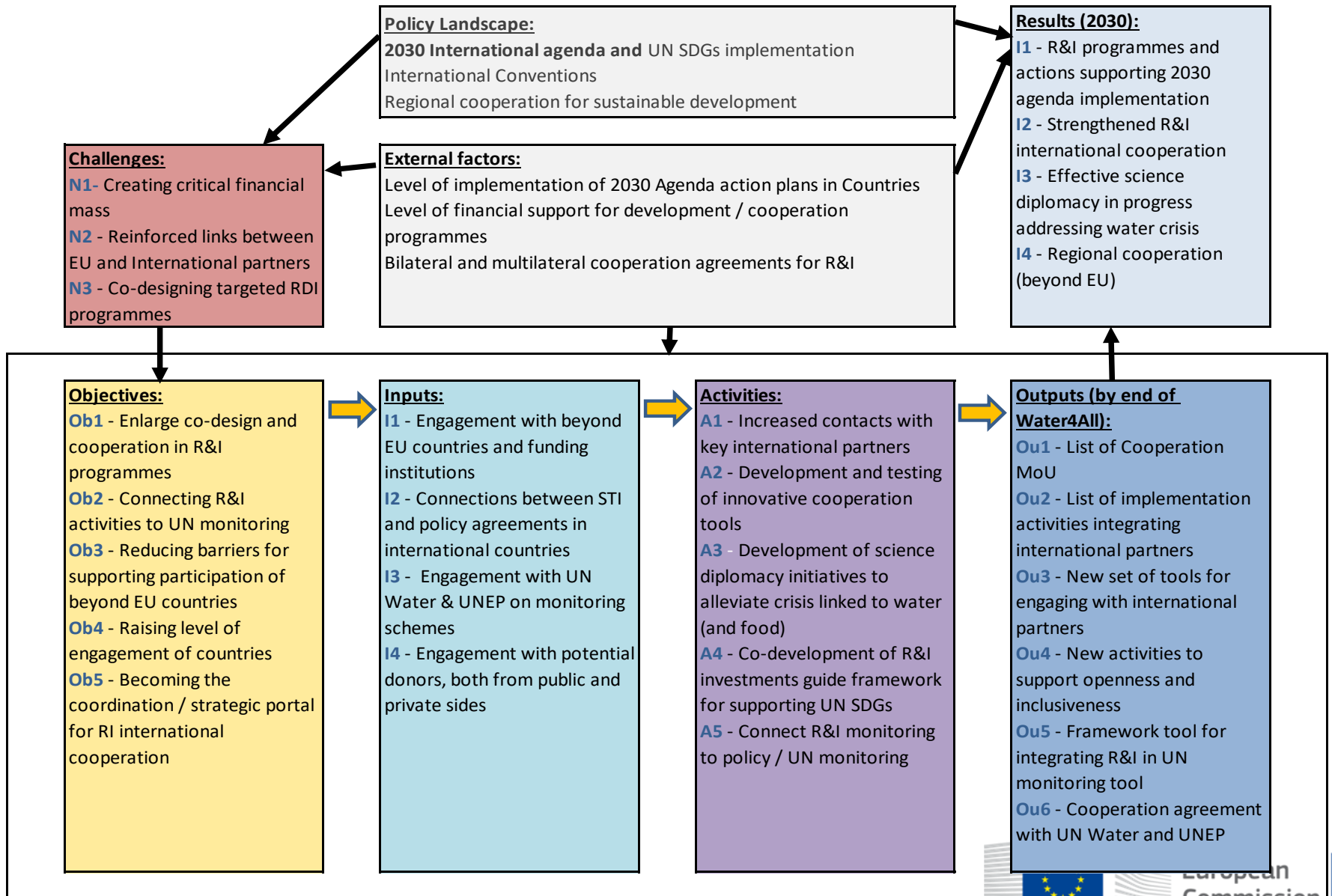
- Global dimension – critical mass
- Strategic collaboration

## **Pillar D. Demonstrating Solution efficiency**

- Deploying at local scale, with the relevant actors
- From pilot to full implementation



## Pillar E - Internationalisation





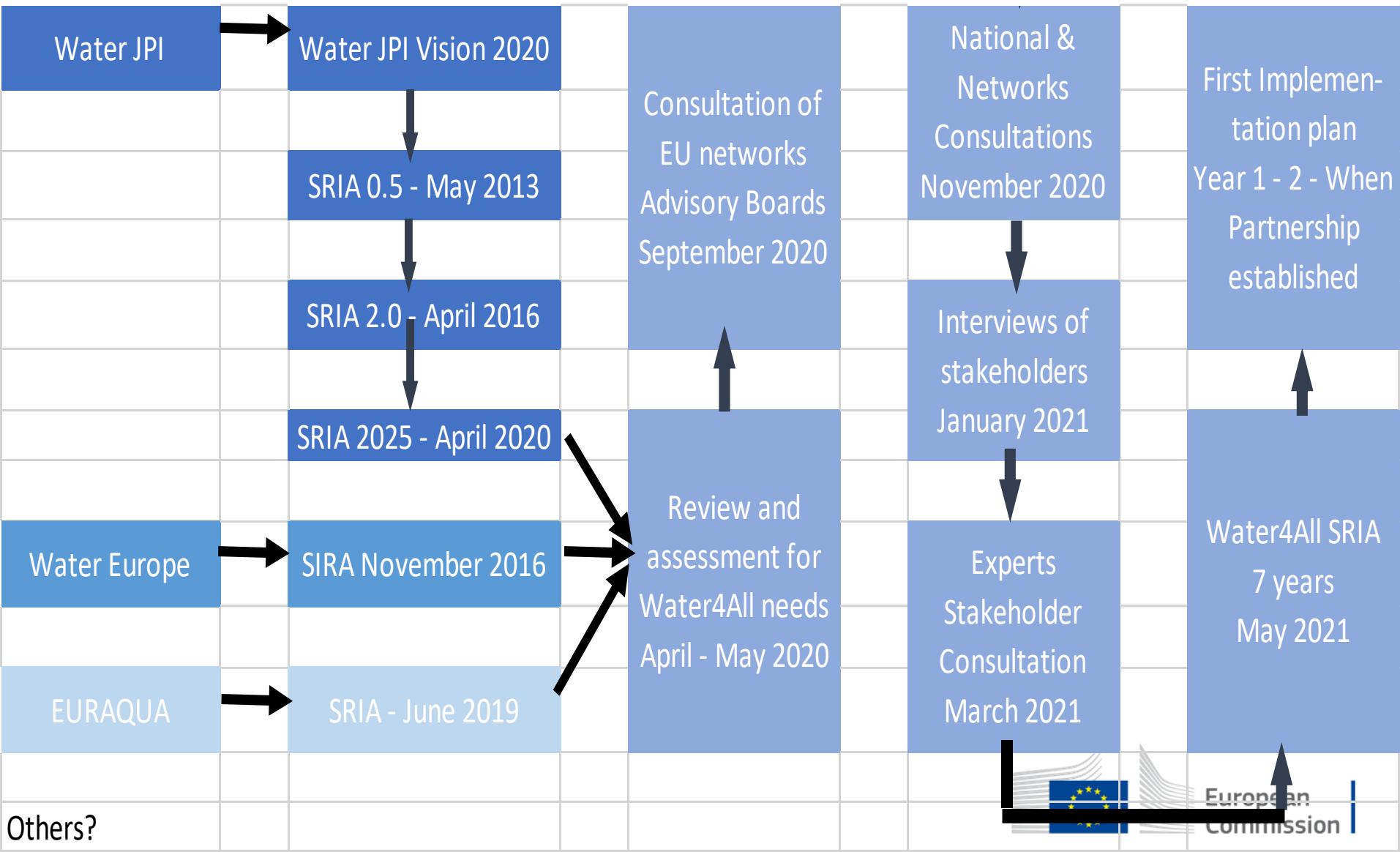
# Implementation of targeted international cooperation action in Horizon 2020

- ✓ **Joint or coordinated calls**
- ✓ Contribution to **multi/bi-lateral initiative**
- ✓ **Twinning** activities
- ✓ **Exceptional funding** of participants from non-associated third countries
- ✓ **Joint programming**

# European Partnership – Next steps

- Revised and agreed draft partnerships proposals online starting in late May to ensure transparency of preparation and better alignment and planning through mutual access among partnerships, and by Member States.
- SRIA/Roadmaps be finalised, with the necessary open and transparent consultation of stakeholders/Member States, by the time the Commission commits to a partnership.
- Commitments from partners will be requested at the earliest in mid-June, with the timing depending on impact of Covid-19 pandemic and the progress on MFF negotiations.
- Ensure coherence and collaboration among partnerships, and synergies with other programmes,

# Proposal os SRIA process



# Thank you!

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