

KEY ACHIEVEMENTS

WATER CHALLENGES FOR A CHANGING WORLD

The Water JPI, launched in December 2011, as a ground challenge-oriented research cooperation network, is deeply committed to provide innovative solutions to the Water Challenges faced by the entire world.

Water is at the heart of all aspects of sustainable development (agriculture, food production and security, ecosystem sustainability and biodiversity, and urban area development) or central to several thematic areas (e.g. climate change adaptation or mitigation measures).

MAJOR GLOBAL ACHIEVEMENTS

The **Water JPI membership** resulting in an expanding partnership that accounts for 88 per cent of all European public RDI annual expenditure on water issues.

- ▶ 23 member countries from Europe and beyond – including Israel, Norway, Republic of Moldova, South Africa and Turkey
- ▶ 3 observer countries – Belgium, Greece and Hungary
- ▶ 5 partner countries associated in joint actions – Brazil, Canada, Egypt, Taiwan and Tunisia

JPI activities developed around a **Common Vision** document and a **Strategic Research and Innovation Agenda (SRIA)** shared with multiple stakeholders at national, European and International levels.

High level of partner involvement in **implementing joint activities**: joint transnational calls, knowledge management, synthesis and transfer, cluster of nationally funded projects, water related projects database. The Joint calls addressed:

- ▶ Emerging water contaminants in 2013
- ▶ Waste water treatment and water reuse in 2015
- ▶ Water challenges in agriculture, forestry and freshwater aquaculture in 2016
- ▶ Water related UN Sustainable Development Goals in 2018
- ▶ Sustainable Management of Water Resources in 2019

CONTACT INFORMATION

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JPI OBJECTIVES


- ▶ Aligning national policy priorities, strategies, policies, competences and programmes to build critical mass
- ▶ Driving scientific excellence through mission oriented joint actions
- ▶ Building trust and encouraging new forms of collaboration and partnership between local, regional, national and European policymakers, research funding agencies, research performing organisations, international initiatives and other stakeholders
- ▶ Benefiting from institutional alignment and partnering
- ▶ Providing effective links between research and knowledge on one hand, and global policy on the other, such as UN Sustainable Development Goals
- ▶ Extending links to various challenge related international initiatives for learning from other countries' experiences


WATER JPI JOINT CALLS








ACTING ON THE ENTIRE RESEARCH PROGRAMMING CYCLE

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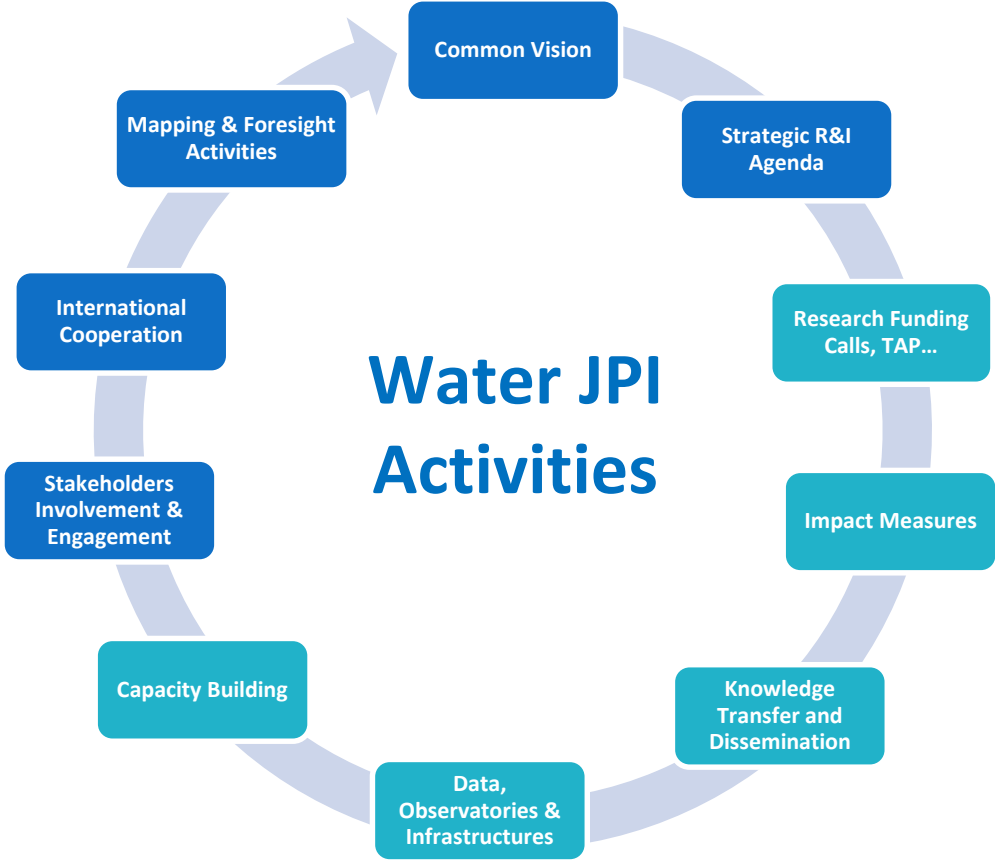
Improving ecosystem sustainability and human well-being
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Safe water systems for citizens
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A water-wise bio-based economy
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Closing the water cycle gap
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Competitiveness in the water industry



FROM NEW KNOWLEDGE TO KNOWLEDGE TRANSFER

- ▶ 5 Joint Transnational Calls, out of which 3 with European Commission co-funding through ERA-NETs, addressing different scientific gaps highlighted by the Water JPI Strategic Research and Innovation Agenda
- ▶ 2 New Joint Transnational Calls planned for 2020 and 2021
- ▶ 3 Exploratory Workshops for discussing in-depth different scientific gaps with scientists, experts and stakeholders
- ▶ 1 Knowledge Hub on Contaminants of Emerging Concern (CECs), for reducing research fragmentation and duplication, developing connection between science and policy setting
- ▶ 1 Thematic Annual Programming, AQUATAP_ES, on approaches for assessing and optimising the value of ecosystem services
- ▶ Exploring Action Plan with the water economic sectors for increasing impact of new RDI programmes
- ▶ 2 International Conferences organized in the past two years, with an average of 220 participants from different stakeholders communities (scientists, policy-makers, water utilities...)

