

The Strategic Research and Innovation Agenda (SRIA)



The Water JPI and the major challenge of achieving sustainable water systems for a sustainable economy in Europe and abroad

Outcomes

- Framework and context analysis
- Water Research, Development and Innovation (RDI) needs in the short, medium and long term: **5 themes, 11 sub-themes** and related key water RDI needs

Methodology

- Mapping thematic priorities
- Review of foresight documents
- Stakeholder consultative workshops with stakeholders (advisory boards, JPI partners, additional experts)
- Public consultation online

Five theme areas

1 Maintaining ecosystem sustainability

- Assessing and optimising ecosystems services
- Ecological engineering and ecohydrology
- Hydro-climatic extreme events and multiple pressures



2 Safe water systems for citizens

- Emerging pollutants: assessment, behaviour and treatment opportunities
- Minimising risks associated with infrastructure and natural hazards



3 Competitiveness in water industry

- Developing market oriented solutions
- Enhancing the regulatory framework



4 A water-wise bioeconomy

- Improving water use efficiency
- Reducing soil and water pollution



5 Closing the water cycle gap

- Enabling sustainable management of water resources
- Strengthening socio-economic approaches to water management



For each theme

- Assessment of expected impact (social, economic, technological, environmental and policy)
- Currently identified needs, objectives and time frame