

# THE STRATEGIC RESEARCH AND INNOVATION AGENDA: THE BACKBONE OF THE WATER JPI

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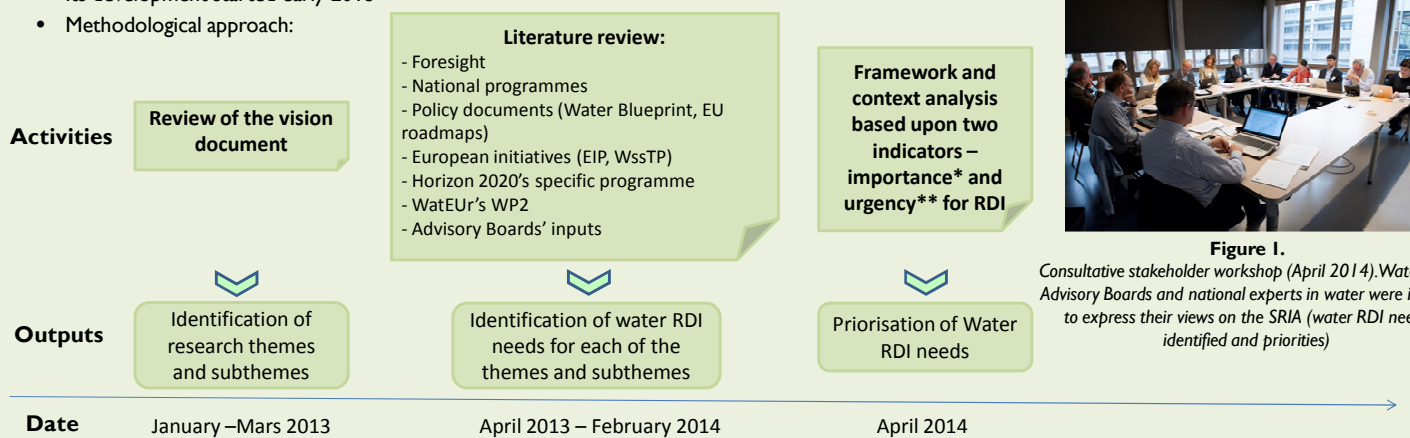
## An introduction to the Water JPI's Strategic Research and Innovation Agenda (SRIA)

- The SRIA lays out water RDI needs in the short, medium and long term.
- Its purpose is to guide Water JPI's Member States and the European Commission on the identification of research and innovation items in the water sector.
- The Governing Board of the Water JPI, made up of representatives of partner countries, is responsible for its endorsement. The SRIA therefore results from the consensus of Water JPI's Member States.
- A version 0.5 was adopted in May 2013. Elements from the agenda were then considered by the Commission as an input for the preparation of the 2014-2015 work programme of Horizon 2020. The version 1.0 was adopted in May 2014.

### The way TOWARD the SRIA 1.0

- Based upon a participatory and bottom-up approach, the views of the Water JPI's Advisory Boards and national experts in Water have had a key role in its development.
- Its development started early 2013
- Methodological approach:

*"The Water JPI's SRIA results from a collective, shared and forward-looking exercise that identifies and prioritises RDI directions"*



**Figure 1.** Consultative stakeholder workshop (April 2014). Water JPI's Advisory Boards and national experts in water were invited to express their views on the SRIA (water RDI needs identified and priorities)

### Main features of SRIA 1.0

- 5 RDI themes:
  - Maintaining Ecosystem Sustainability
  - Developing Safe Water Systems for the Citizens
  - Promoting Competitiveness in the Water Industry
  - Implementing a Water-Wise Bio-Based Economy
  - Closing the Water Cycle Gap
- 11 RDI sub-themes
- 45 water RDI needs listed (62% of them short-term priorities; 27% medium-term; 1% long-term)
- Specific water RDI objectives classed by RDI theme, subtheme and research need
- 155 water RDI objectives identified
- Expected impacts of RDI in each of the themes clearly stated

(\*) Importance: Indication of the extent to which RDI in a particular domain will contribute to responding to societal needs at the socio-economic, environmental or policy levels and to answering scientifically relevant questions.

(\*\*) Urgency: Time scale at which an action should be taken (short.; 2014-2016; medium: 2017-2020; or long term: beyond 2020).

### The way FORWARD

- A version 2.0 to be released in December 2015.
- More information sources to be analysed: Strategic agendas of European Technology Platforms (SusChem, Forestry, Sustainable Mineral Resources), River Commissions, strategic agendas of European RDI networks (Euraqua, Norman, EuroGeoSurvey), agendas of the ERA-Nets concerning the research themes of Water JPI, European Water Partnerships...
- A second consultative stakeholder workshop to be held in June 2015.
- The views of the European society at large to be taken into account through a web-based public consultation.

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