

## 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 consultations online

### Five theme areas

#### 1 Improving ecosystem sustainability and Human well-being

- Assessing and optimising ecosystems services
- Ecological engineering and ecohydrology
- Managing the effect of hydro-climatic extreme events



#### 2 Safe water systems for citizens

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



#### 3 Competitiveness in water industry

- Developing market-oriented solutions for the water industry
- Enhancing the regulatory framework



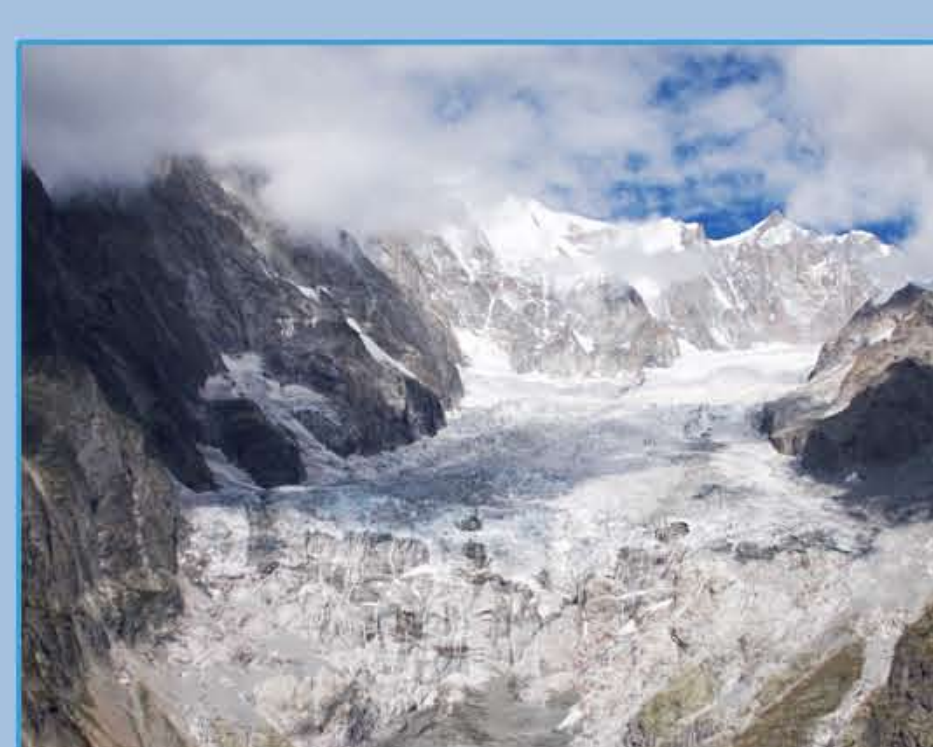
#### 4 A water-wise bio-based economy

- Improving water use efficiency for a sustainable bio-economy sector
- Reducing soil and water pollution



#### 5 Closing the water cycle gap sustainable water resources management

- 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