

EIP Water

European **Innovation**
Partnership on Water

European Innovation
Partnership on Water

Boosting opportunities
Innovating water

Structure of the presentation

1. What is an EIP, what is the EIP water?
2. The need for innovation in the water sector;
 1. economic dimension and
 2. demanding conditions
3. Contributions and Plans of the EIP water?

What is an EIP? – The big picture

- Europe 2020 strategy



- **Seven flagship initiatives**



- 1) Youth mobility, 2) digital agenda, 3) resource efficiency, 4) industrial policy, 5) new skills/jobs and 6) poverty AND 7) Innovation Union



- **Within the innovation Union 34 commitments**



- Among them European Innovation Partnerships

Which EIPs do exist?

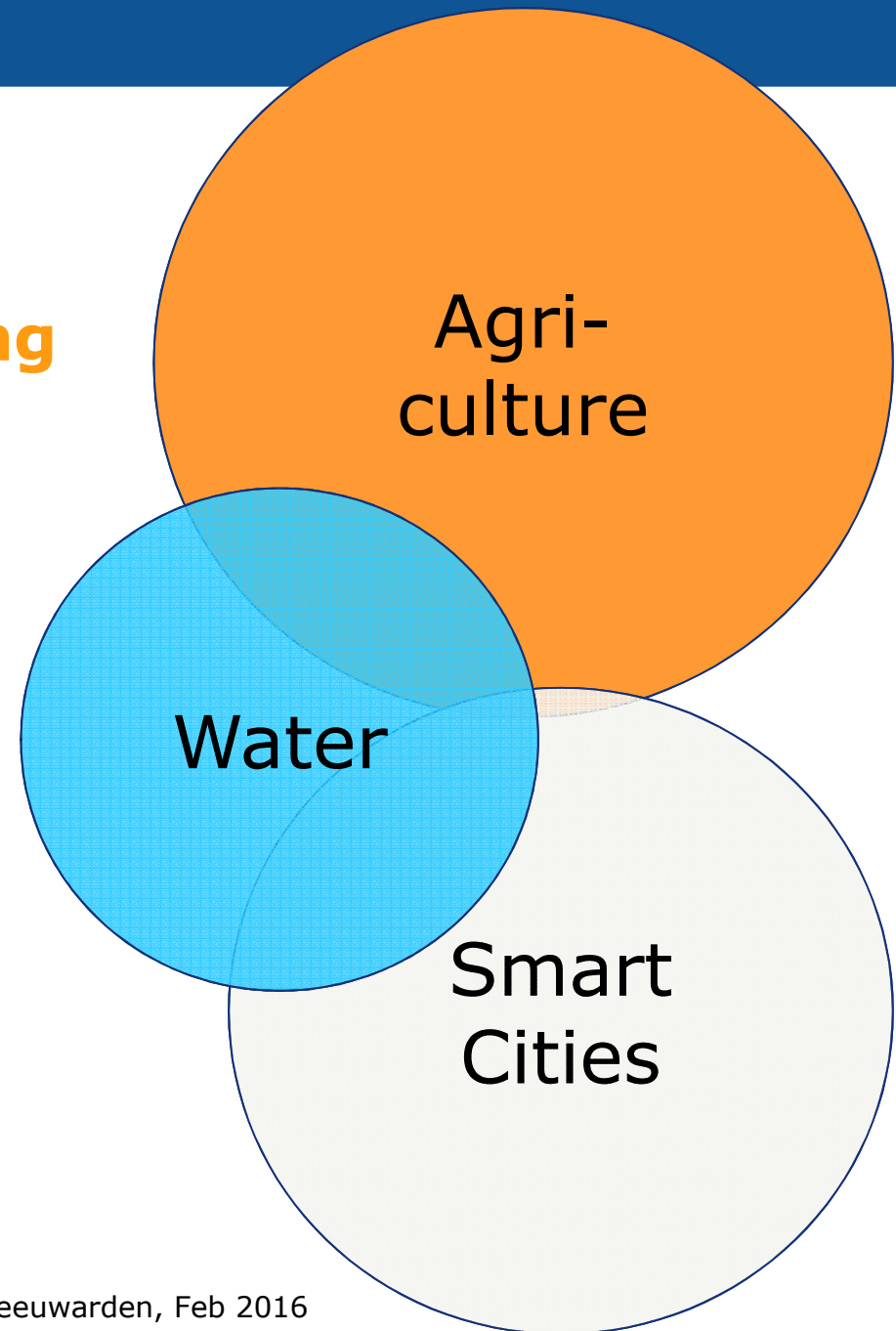
1. Active & healthy ageing

2. Agriculture

3. Smart cities

4. Raw materials

5. Water



Water sector innovation needs

- European urban water infrastructure asset value ~2 000 billion EUR¹
- Global infrastructure investment needs to 2030 ~

The water sector represents already now remarkable infrastructure asset values and requires considerable investments

→ innovation has significant economic effects

1 EWA manifesto, 2 EIB 2013, 3 Booz Allen Hamilton (2007), WEF (2012)

Water sector innovation needs

Other factors calling for innovation:

- Policy

• European Water Policy, second WFD cycle

Demanding environment for the Water Sector

→ business as usual will not work, innovation is needed

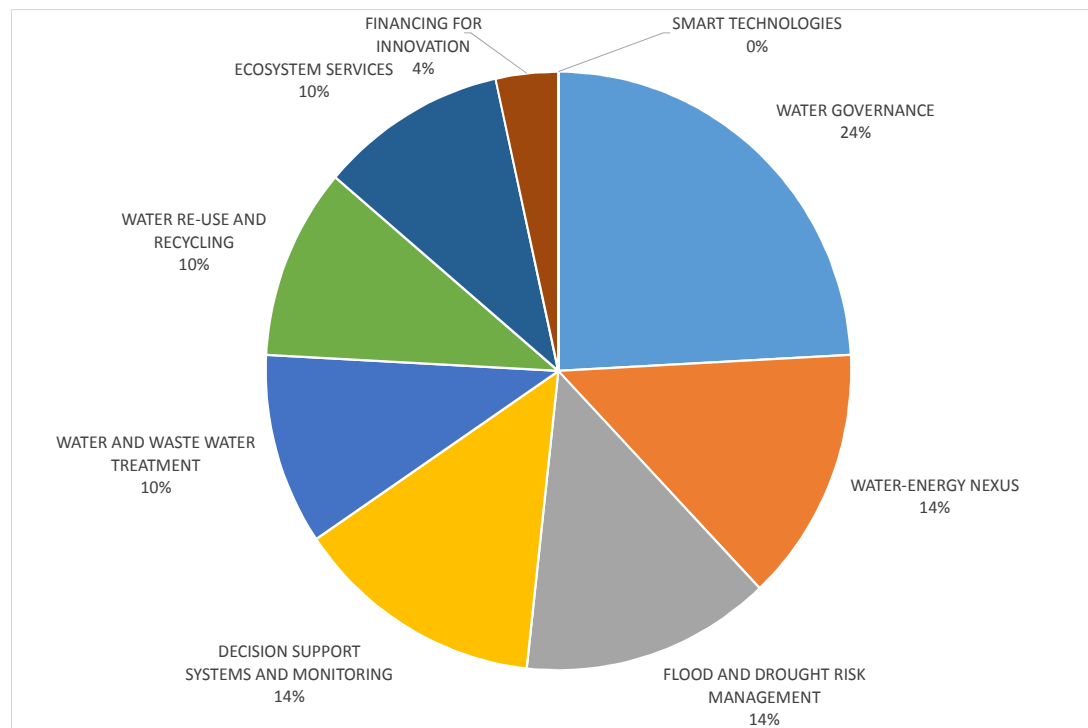
Water sector innovation needs

The European Innovation Partnership on Water was initiated in 2012 to **acknowledge the innovation needs** of the water sector and to **respond to the demanding situation**

EIP priority areas - Themes of Action Groups

- Almost all topics have a more or less strong (potential) link to regions municipalities etc.

- increased emphasis on implementation and demonstration in full scale



What support can be provided? In general terms

Any activity related to

- new approaches to EU research and innovation
- challenge-driven innovation focusing on
 - societal benefits and
 - economic dimension (jobs and growth).

General approach:

EIPs are highly integrative

- act across the whole research and innovation chain,
- bring together all relevant actors at EU, national and regional levels

What support can be provided? Ongoing, planned

- Liaise Action Groups with the political water dialogue at the European and Global level
- Networking and access to the water community
 - Innovation Directories, Matchmaking tool; search for partners, projects, products
 - EIP Water newsletter
 - EIP Water Marketplace Release 3 to come
- Support in financing and commercialisation of innovations
- Water Innovation hubs; a mapping and cooperation exercise
- Monitoring and Evaluation report

Involve Action Groups in the European Dialogue Policy papers under preparation

The SEC will provide written inputs on relevant topics for the EU water policy. The first wave of documents includes:

- **R&I projects to address WFD challenges.**
- **Water Reuse**
- **Water pricing**; cooperating with OECD on their study for “economics of water quality”
- **Harmonised monitoring**
- **Circular Economy**; Description of business cases and good practices
- Revolving funds for the water sector; **Water Thematic Project Pipeline** targeted to EIB

Policy papers under preparation continued

- Efficient and sustainable **use of water in agriculture**, targeted to EIP AGRI and CAP reform (tbc)
- The following documents might be developed later:
- Water in **RIS3 Funds**, with WssTP, ERRIN and JRC, SEC to check first relevance for AGs
- **SDGs**

Conclusions and summary

Possible next steps:

Ask for MARsolution's input to

- Reuse guideline development and discussion
- Revolving Funds and project pipeline preparation
- Efficient and sustainable use of water in agriculture renewal
- Intensify the dissemination of MAR case studies
- Intensify the search for new case studies
- Compile a best practice manual; promotion via the MP

The secretariat is happy to receive additional and alternative suggestions.



Thank you for your attention!

Further information

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Secretariat EIP Water

