

Workshop SMART WATER MONITORING
**“What low-cost sensors solutions for high efficiency water
monitoring networks”**

Challenges in Water Services



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Digital is not a trend, it is how we live and mostly, it is not an option!

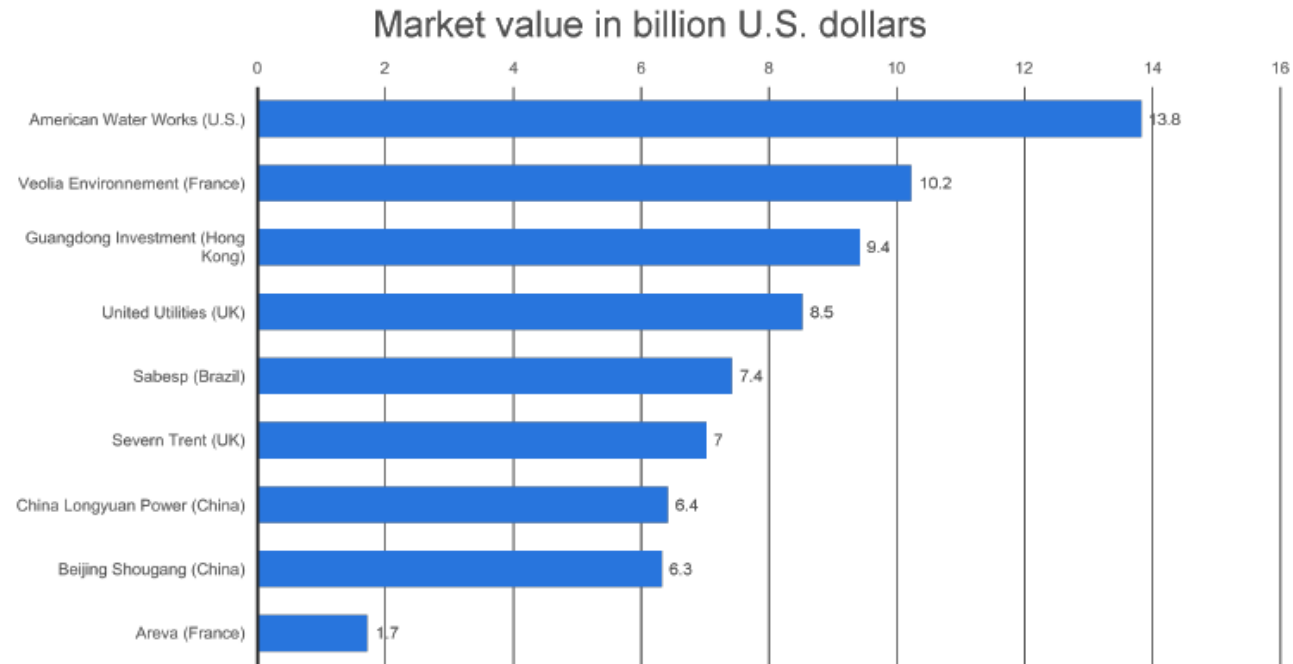


Moving forward Big Data, Internet of Things, Artificial Intelligence, 5G will be the key drivers for the digital transformation.

Water Market Value

World's largest diversified utilities as of April 7, 2017

World's largest diversified utilities as of April 7, 2017, based on market value (in billion U.S. dollars)



Note: Worldwide; As of April 7, 2017

Further information regarding this statistic can be found on [page 28](#)

Source: Various sources; Forbes [ID 260675](#)



Why ICT4Water cluster?

Challenges

- **Fragmented markets**
- **Lack of new business models and financing solutions**
- **Need for knowledge sharing and capacity building**

Opportunities

- **Increase cooperation among water regulators, operators and users**
- **Improving water management, competitiveness and sustainability**
- **Exporting European knowledge in a strong growth market**



What we do

Together we

- Focus on Water management and ICT
- Maximize Dissemination & Exploitation
- Develop and implement solutions
- Facilitate networking and partnering
- accumulate and share knowledge
- Investing in innovation

It is all about scale, acceleration, impact, common solutions, integrated approaches and collaboration.



Members

Partners



EIP Water

Ctrl + SWAN
EIP Water Action Group
Pooling resources - Innovating water

WssTP

Life

IWA
the international water association



Stakeholders

- Cities & Regions
- Industry
- Research
- Associations
- etc. ...

H2020 and FP9

Innovation,
Implementation &
replication with EU
funding



ICT4Water
cluster in EU
Context

Initiatives

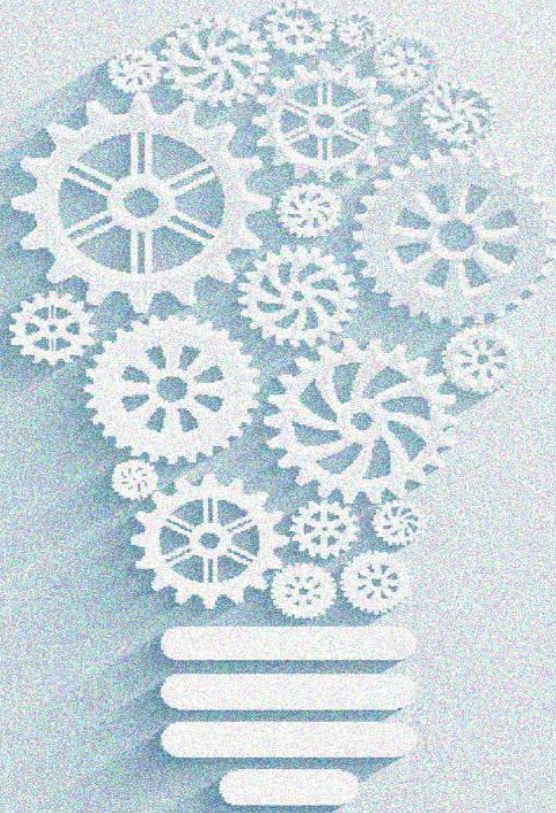
- Video
- Discussion Platform
- Website
- Roadmap
- Action Plan

Water Directive

Implementation
Legislation

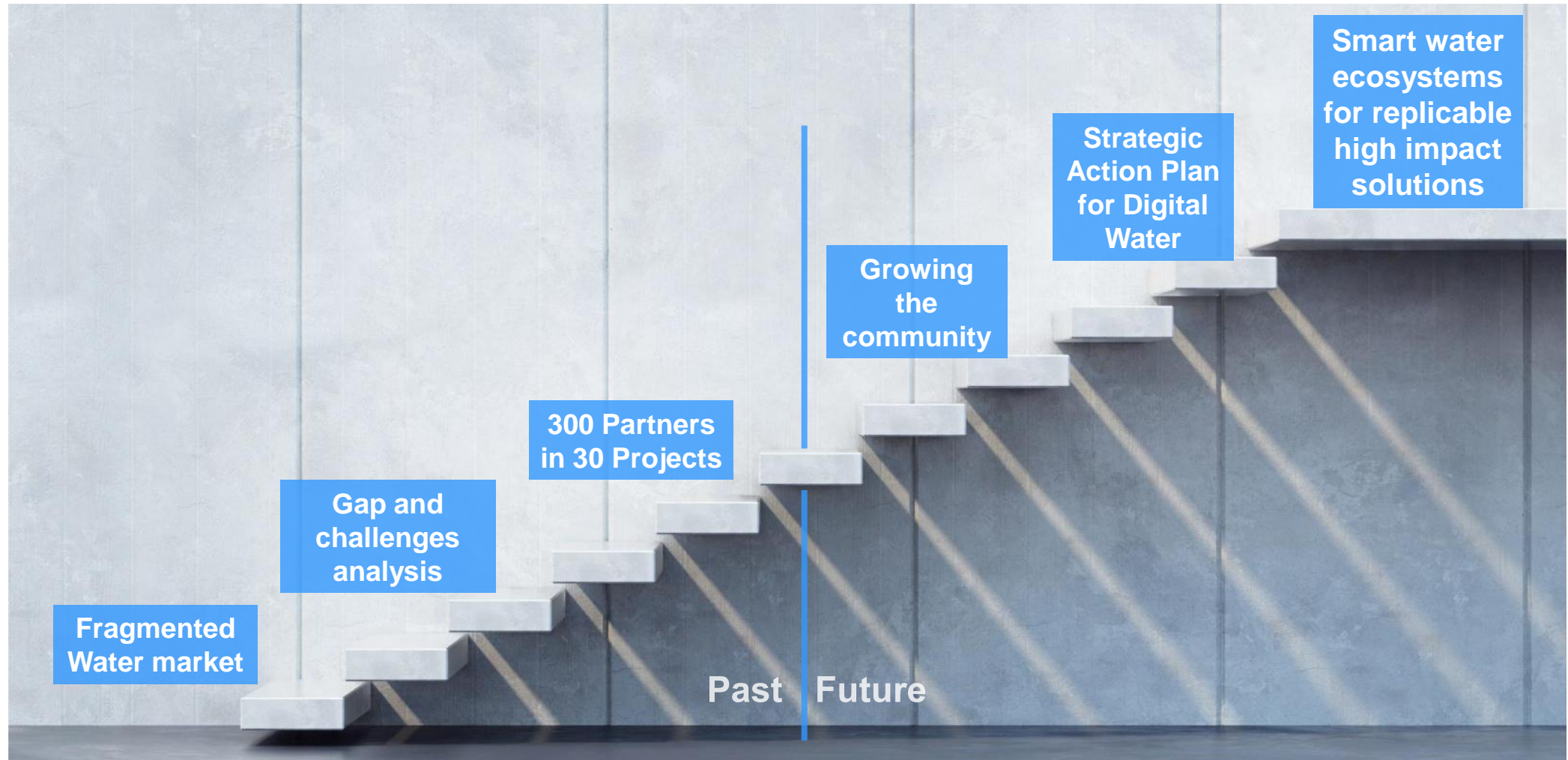


Why being involved



- **Common topics: data management, standardisation and interoperability**
- **Practical knowledge sharing**
- **Smart Water metering and monitoring**
- **Advise EC on Roadmaps, Action Plan and new policies**
- **Gaining visibility for your city, project, association, company, etc.**

General roadmap



More Information

➤ *ICT4Water website:*

- <http://www.ict4water.eu/>

➤ *ICT4Water video*

- https://www.dropbox.com/s/ibyv8yqdp5rm2tg/ICT4WATER_20170606.mp4?dl=0

➤ *Roadmap 2016:*

- <https://ec.europa.eu/digital-single-market/en/news/emerging-topics-and-technology-roadmap-ict-water-management-august-2016>

➤ *Future Action Plan - Discussion Platform On Futurium*

<https://ec.europa.eu/futurium/en/>

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