

# EIP Water

European **Innovation**  
Partnership on Water

*Boosting opportunities*  
*Innovating water*

PTEA – Asamblea General, Madrid, 14 junio 2016

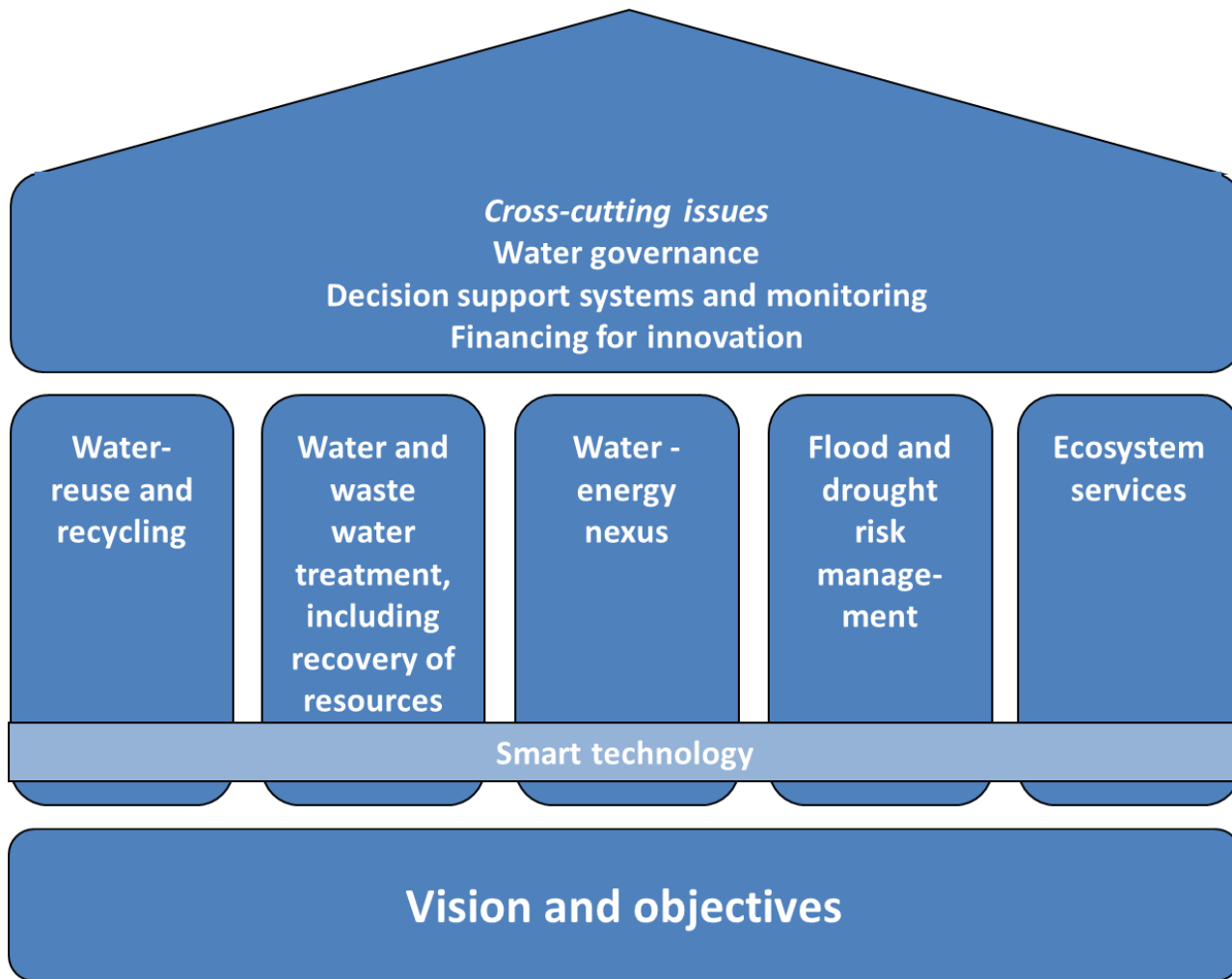
## What is the EIP Water? What are its objectives?

1. EIP Water is an initiative of the “**EU 2020 Innovation Union**” - *the European Union strategy to create an innovation-friendly environment that makes it easier for great ideas to be turned into products and services that will bring our economy growth and jobs.*
2. EIP Water aims to **identify, test, scale up, disseminate and stimulate the uptake of innovative solutions by the market and society** for ten major water related challenges by 2020.
3. EIP Water supports the **creation of market opportunities** for these innovations, both inside and outside of Europe. It also **identifies and addresses barriers and bottlenecks** to water innovation.

## Why water innovation? – Challenges and drivers

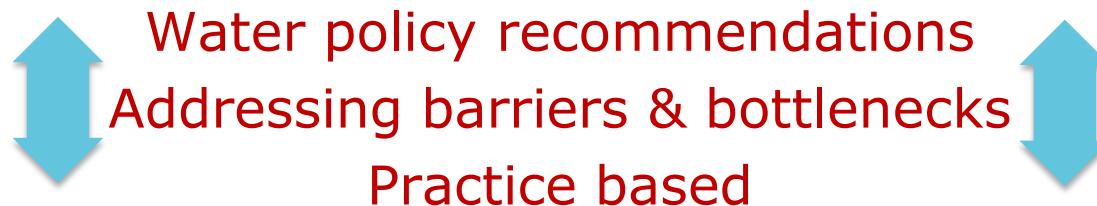
- Water as **global risk** for economy; scarcity and pollution
- Complexity of water-food-energy-biodiversity **nexus**
- **Circular Economy**, resource consumption
- **Renewal** of outdated infrastructure
- Cost-recovery and **financing** policies, e.g. polluter-pays principle
- Investment into **pilots** and mainstreaming
- **Problem identification** and recognition in governance
- **Need for paradigm shift**; post business-as-usual governance
- Dissemination **best practices**

## Thematic EIP Water Priorities



## Organization and structure

### Steering Group and ad-hoc expert group



### 29 Action Groups, FP7 + H2020 Projects:

- **Development of innovative solutions** involving the entire innovation value chain
- **Application, implementation, commercialization** and dissemination of innovative solutions
- **Identification of barriers** to innovation (practise based) translated into policy recommendations
- Support **implementation of water policy**
- **Connect with relevant/adjacent initiatives**

## Priority barriers & bottlenecks to water innovation

- **Financing**
- **Procurement**
- **Partnerships**
- **Regulation**
- **Showcases, demonstration sites**

## Innovation Barrier **Financing**

- **Match** Action Groups + H2020 projects + inno finance **with WFD Implementation challenges**
- **Export market** exploration (CEWP, IEWP)
- **Action Groups**
  - **25% did acquire new funds** specifically for the AG work or through accompanying R&I projects
  - 12% do not need additional financial resources to achieve their objectives
  - **13% are preparing** accompanying projects to finance their work
  - 50% do still need additional financing

## Innovation Barrier **Regulation**

- **Water re-use** guidance document (finalised)
- Water re-use minimum standards (ongoing)
- **Environmental permitting** procedures (ongoing)
- Harmonizing monitoring requirements (started)
- **Drinking Water Directive** review (started)
- Urban Wastewater Treatment Directive review (upcoming)
- Water Framework Directive assessment (upcoming)
- **Sustainable Development Goals** EU implementation (upcoming)



## Innovation Barrier **Partnerships**

- **29 Action Groups**
- **60+ Innovation Hubs** globally
- **Impact training** for Water JPI researchers (Sep 2016)

## Innovation Barrier **Demonstration sites**

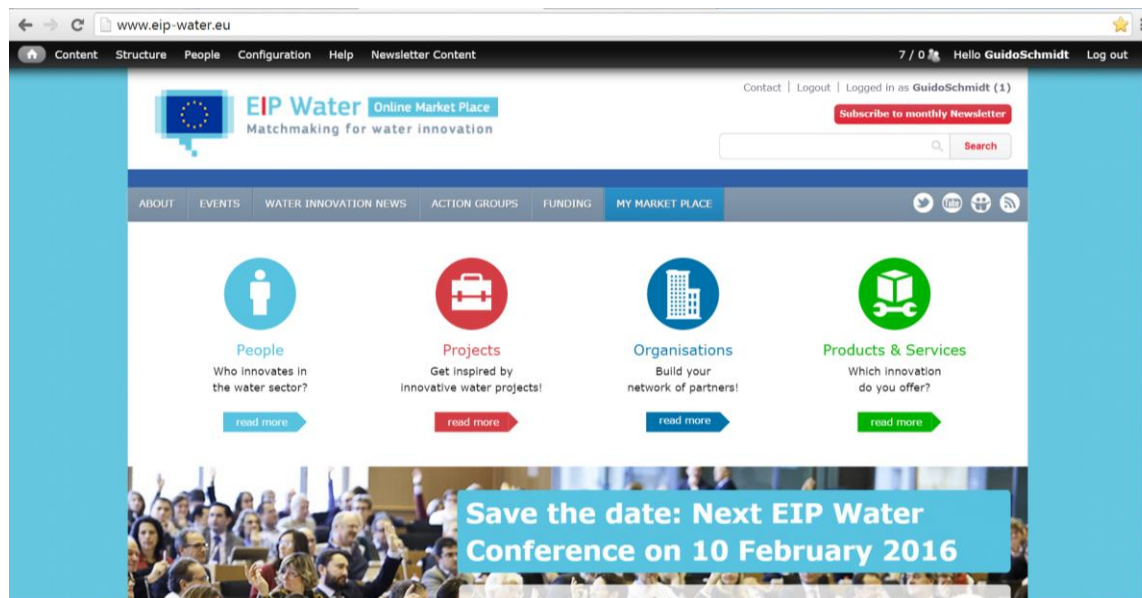
- EIP Water Action Groups are running **more than 100 demonstration sites**, use cases or pilot plants
- Survey among EIP Action Groups shows:
  - sustained **interest in upscaling** and establishing (many) more demonstration sites
  - Need for **appropriate financing mechanisms** (in terms of size, instrument and time horizon)
- Improve visibility of demonstration sites

## Online Marketplace – what does it offer?

Matchmaking, searches, personalised news

2,300 people; 1,400 projects

600+ organisations; 200+ products & services



## Communication and dissemination impact

- **500,000 page views** since publication (**600 daily visits**)
- **14,000** downloads of **documents**
- **35,000** views of **presentations** from:  
[slideshare.net/eip-water](http://slideshare.net/eip-water)
- **Monthly newsletter** sent to over **4,300 recipients**, with continuously increasing subscriber figures



## EIP Water conferences

- **Three conferences** (Brussels, Barcelona, Leeuwarden) **with 1,300 participants**
- Participation in **50 other events**
- **Promotion of further events** (China-Europe Water Partnership, India-EU Water Partnership, FP7 and Horizon 2020 projects)

**EIP Water** Conference 2016

How is water innovation succeeding in Europe?

Leeuwarden, The Netherlands - 10 February 2016

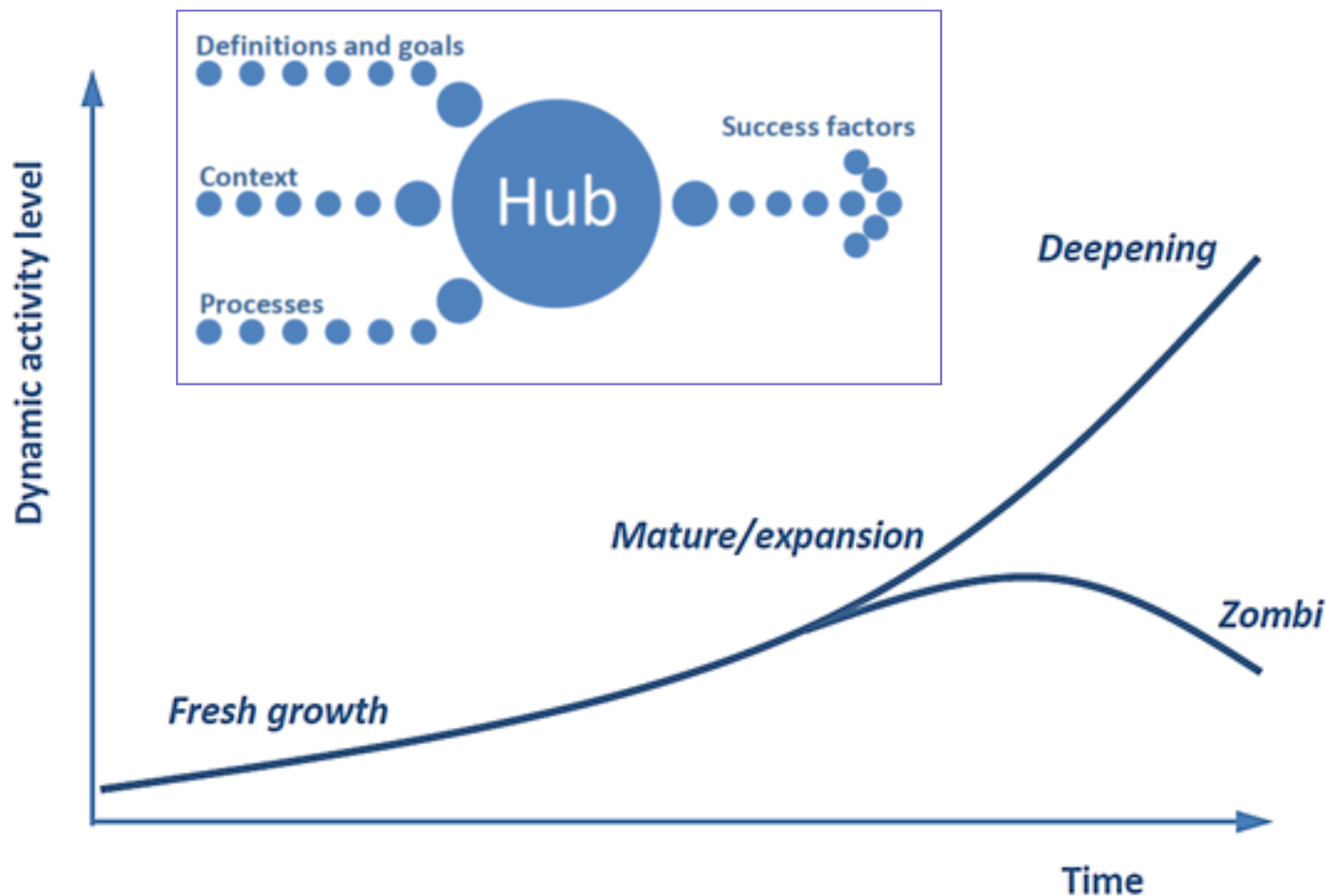
**EIP Water** Conference 2014

Connecting Innovation Supply and Demand

**EIP Water** Conference 2013

Networking & interacting – Innovating water

## Water **innovation** hubs – lessons learned (...)



## Questions and Answers



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