

Abengoa Water experience on the European Innovation Partnership on Water

Seville, 21th of January 2013



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- Structure
- Priorities
- How to participate

EIP on Water

- Background

- Selected sectors (for competitiveness and leadership)

Water Efficiency

Healthy Active Ageing

Agricultural sustainability

Raw Materials

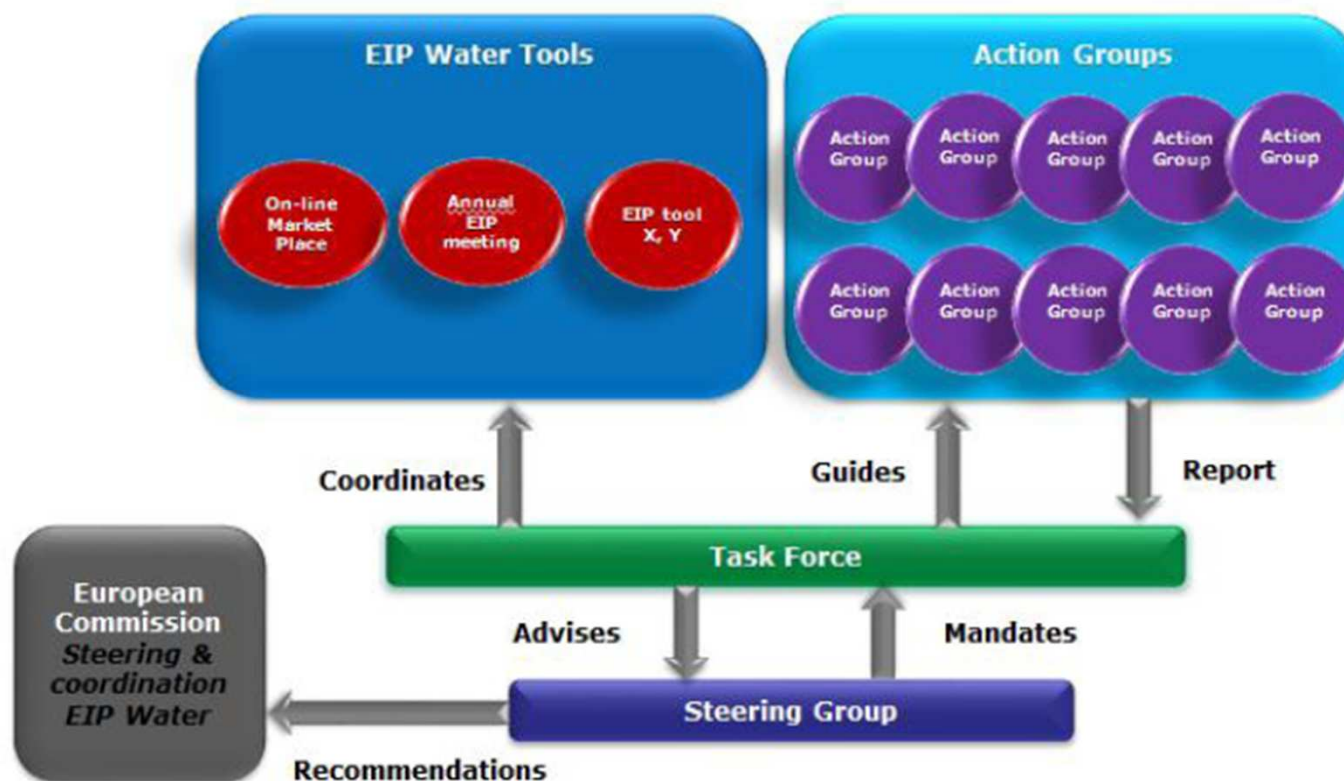
Smart Cities

Smart Mobility

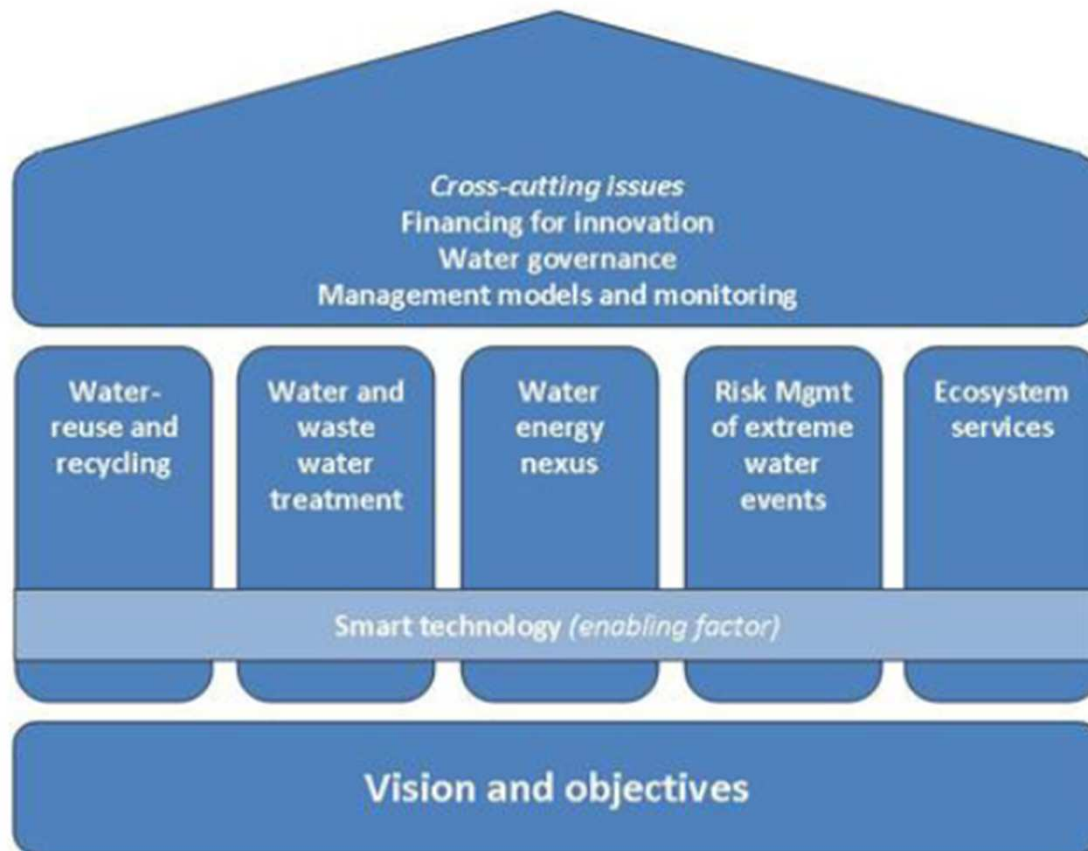
- Aim

- To speed up innovations that contribute to solve societal challenges, enhance Europe's competitiveness and contribute to job creation and economic growth.
- Market opportunities!

EIP on Water: structure



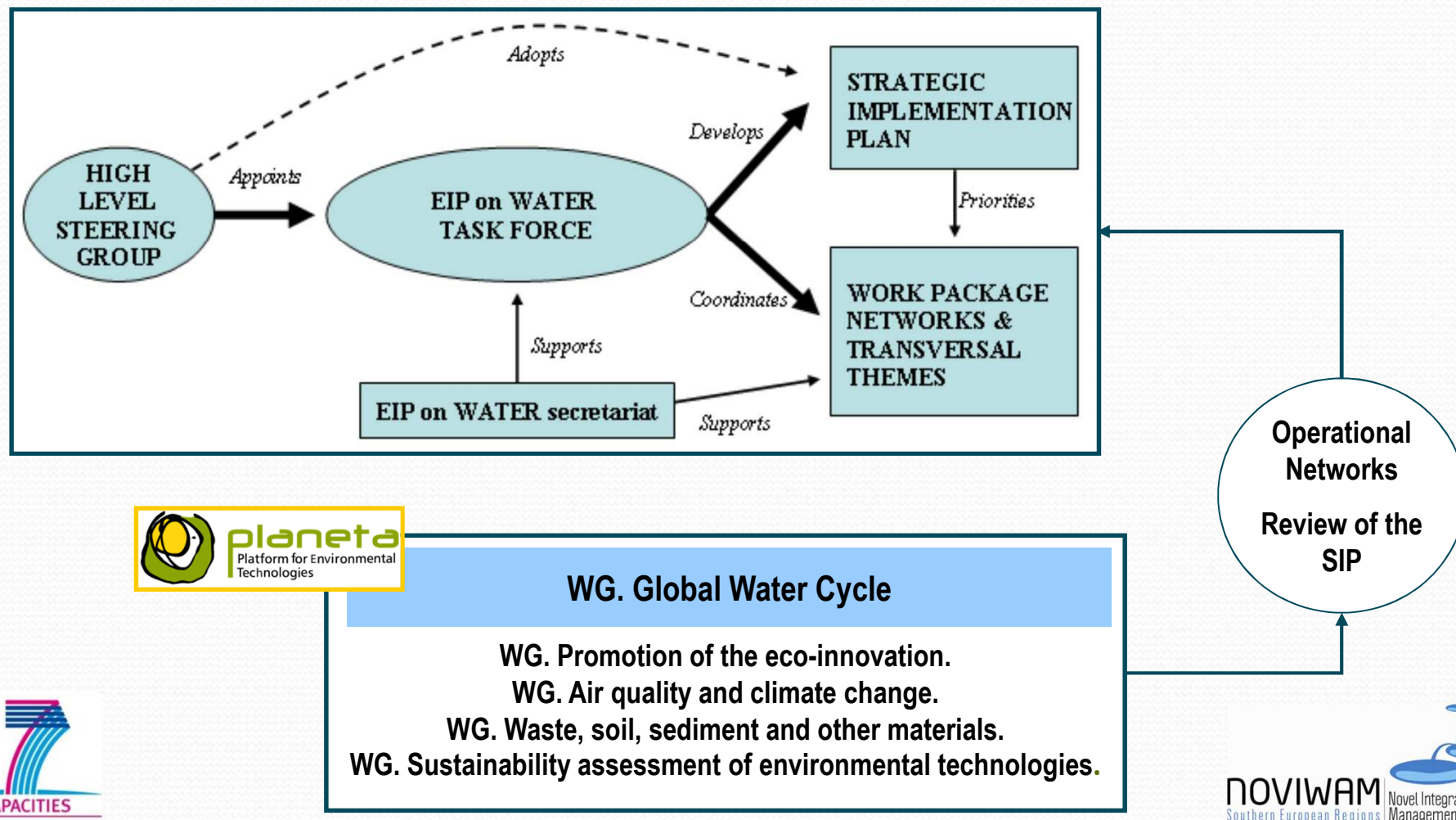
EIP on Water: priorities



- Selected from a consultancy matrix
- Developed in the Strategic Implementation Plan: SIP

EIP on Water: how to participate

- Relying on Technological Platforms



Priority

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EIP on Water: how to participate

Water reuse and recycling

Include Urban water reuse and recycling.
Wastewater recycling for aquifer replenishment (to avoid saline intrusion and/or as natural water services).
Fracking water treatment and recycling.

Water and
wastewater treatment

Alternative water resources (underground water treatment and seawater desalination).
Change micro-pollutants and pharmaceuticals per priority pollutants and emerging pollutants.

Water and energy nexus

The use of renewable energies for water treatment.
Make a difference between less developed regions and more developed regions.
Use of waste water in crops for producing energy.

Risk management
of extreme events

Decisions support systems based on potential risk quantification at a river basins level.

Management models
and monitoring

Monitoring quantity and quality.

Water governance

Include virtual water flows.
Public awareness about water value, wastewater treatment and reuse.

Ecosystem services

Include virtual water flows.
Public awareness about water value, wastewater treatment and reuse.

Smart technologies

Micro fuel cells, forward osmosis, advanced oxidation process, supercritical oxidation, membrane distillation.

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Thanks for your attention

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