What is ChemWater?

The scope of the ChemWater project is to build a *vision* and a *roadmap* on sustainable water use in the (chemical) industry. Roadmaps will support identification of technology and knowledge gaps and roadblocks and give direction to future challenges & opportunities. The roadmaps will provide a framework for coordination of development of activities across sectors

The output of the ChemWater project will be directly linked to the European Innovation Partnership on Water, and will provide information to set the priorities for research and innovation in the Strategic Implementation Plan of the EIP and therefore the reference for future calls. The aim of the EIP on Water is to position Europe as the world leader in sustainable water management by boosting innovation.

Participation in the workshops is your chance to bring forward your ideas for research/innovation programs and give direction to a roadmap on sustainable water use.

Sign up for our workshop on Sept 5, 2012 (Brussels) on Materials, processes and technologies for a water sustainable process industry!
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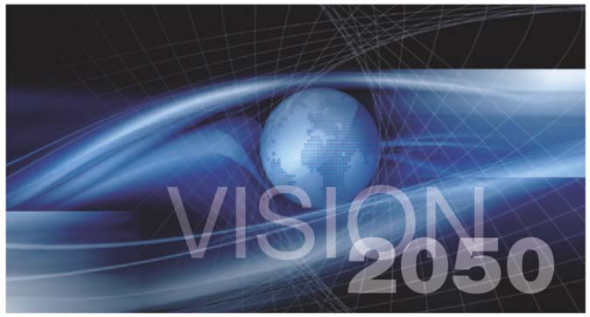
ChemWater

Workshop Invitation

"VISION 2050: Materials, processes, Technologies for Water Sustainable Process Industry"

September 5, 2012 Brussels



ChemWater

Towards a roadmap on sustainable water use in three steps:

Workshop 1:

VISION 2050
"Vision and Challenges"

Challenges Identified

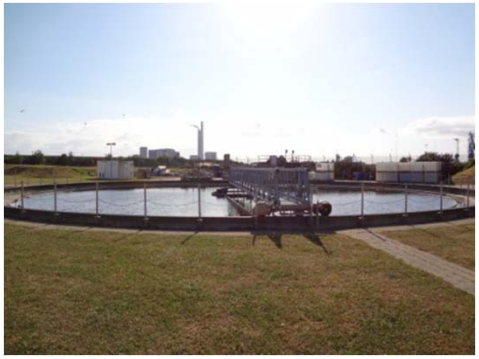
- Unknown strength of industrial sectors in Europe by 2050.
- economic challenges: competitiveness, availability of materials and resources.
- integration of resource management strategies.
- Water availability, allocation and governance.
- minimize environmental footprint: energy / CO2 / water
- New products and processes with minimal footprint
- Innovative re-use and valorization of streams
- Standardization for comparison

Workshop 2:

VISION2050
"Tools and methodologies"

Areas of R&D and investment Identified

- Biochemistry
- Separation technologies
- Materials technology
- Industrial process design
- New catalysis and low temperature processes
- Nanotechnology
- Reducing pollution at source
- Recovery of materials from process streams



Workshop 3:

5. September 2012, Brussels
VISION 2050:
"Processes, materials and technologies for Water Sustainable Process Industry"

This workshop will focus on what is needed to realize the VISION 2050 in the fields of:

- Chemical process engineering, reaction and process design
- Emerging water treatment technologies
- Identification and development of (nano) materials

Active discussions on allocation of skills, competencies, coordination and funding

We need your input!

Registration:

Participation is free of charge

Application deadline: 15 August 2012

Please register at Ms. Inge Huikes, TNO (inge.huiskes@tno.nl)

For further information please contact Ms. Nienke Stein, TNO (nienke.stein@tno.nl)