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DECHEMA



cefic

Sustainable Water Management Flagship
The Economic benefits of innovation
Challenges and opportunities for the chemical sector
11th June 2015 – Cefic – Brussels (BE)

Background information

Europe is facing many challenges concerning water: adapting to climate change, including mitigation of floods and droughts risks, reaching good status of surface water, ensuring availability of water to deliver multiple benefits to nature and to the economy. At global level, the challenges are even greater with water crisis ranked very high in terms of impact and probability.¹

The water framework directive is the European centrepiece providing a common approach to these challenges, and the EU financing framework provides possible funding opportunities to create synergies with private sector on water innovation.

Concerning the chemical sector, our industry is placed at both sides of the water challenge equation, as a water users as well as a solution provider. Many of our industries are manufacturing critical products for water efficiency solutions (like membranes for water reuse) and they adopt innovative solutions at site level to ensure water is used in an efficient and sustainable way in chemical industries. An example is provided by the [FP7 project E4Water](#), where 6 pilots are testing at industrial scale different technologies for water reuse in chemical plants.

With this workshop, we aim to support our members with a lively exchange on the factors determining a business case for water innovation and possible way to overcome factors undermining the success of a water-related innovative project. Insight will be provided by the public authorities, chemical companies and other partners of the chemical sector on water innovation.

Target audience

- Corporate managers, corporate environmental/water coordinators, sustainability and environmental managers
- European policy officers-EU Commission; EU Parliament representatives

The workshop will give you the opportunity to

- Present the challenges the chemical sector is expected to face based on the European framework (water policy implementation, new approaches such as the economics of biodiversity and ecosystems)
- Present what are technologies available that present the chemical sector as a solution provider
- Have an overview of funding opportunities at European level to finance industrial projects (Horizon 2020, European Investment Banks, European Fund for strategic investment; European Innovation Partnership on water)
- Bring the experience of case studies on water innovative solution implementation

Read more about the Cefic flagship [Water Matters!](#) And about [previous workshop](#)

¹The Global Risks Landscape 2015, World Economic Forum

Cefic - Dechema

The Economic benefits of innovation-DRAFT PROGRAMME

Challenges and opportunities for the chemical sector

11th June 2015 Brussels, 10.00-16.30

Programme of the day

Registration and welcome coffee

10.30 – 12.30: Morning session

- 10.30 - 10.45** **Welcome Dechema and Cefic**
Moderator of the day: Hans Bender, consultant
William Garcia- Cefic Executive Director HSSE, Energy and Climate Change
Dr. Thomas Track- Dechema- Project Coordinator E4Water

10.45 **Setting the Scene**

Moderator: - Thomas Track, Dechema

10.45– 11.00 *Pavel Misiga, Head of Water Unit, DG ENV, DG Environment*

11.00 – 11.15 *European Parliament representative tbc*

11.15 – 11.30 *Andrew Farmer, Institute for European Environmental Policy*

11.30– 11:45 *European Investment Bank tbc*

11.45-12.10 Q&A time

Lunch break

13.30 – 16.30: Afternoon session

13.30 **Technologies available– The water business case**

Moderator: - Durk Krol, WssTP

13.30– 13.45 *Peter Cauwenberg, Vito*

13.45 – 14.00 *Lucia Medori, AQUEAU*

14.00 – 14.15 *Riikka Timonen, Kemira*

14.15-14.30 Q&A time

Short coffee break

14.45 **Industrial examples– The water business case**

Moderator: - Nathalie Swinnen, Solvay

14.45– 15.00 *Niels Groot, Dow*

15.00 – 15.15 *Eddy Linclau, P&G*

15.15 – 15.30 *Uwe Fortkamp (IVL Svenska Miljöinstitutet)-Life Cycle Assessment preliminary results E4Water*

15.30 – 15.45 *Luc Brams, Agfa*

15.45-16.15 Q&A time

16.15 – 16.30 **Conclusions – Learning from peer-exchange and further challenges Representative from Sustainability Programme of Cefic**