

GENERAL INFORMATION

REGISTRATION

Participation is free of charge.

Please register by submission of the **registration form** that is available on the website www.e4water.eu.

Application deadline for the the admission to the participation list is **April 4, 2016**.

Contact for registration:

Petra Frömel
Phone: +49 (0)69 7564-191
Fax: +49 (0)69 7564-117
Email: froemel@dechema.de

CALL FOR POSTERS

We invite you to submit an abstract for a poster.

Contributions are encouraged to all key topics of the conference. The text of maximum one page, including figures, should explicitly state the objectives, new results and the conclusions or significance of the work.

Please use the **abstract template** (www.e4water.eu) and send your contribution to Christina Jungfer (jungfer@dechema.de).

Deadline for submission of your abstract is **March 9, 2016**.

A notification letter will be sent to authors end of March.

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CONTACT

DECHEMA e.V.
Christina Jungfer
Theodor-Heuss-Allee 25
60486 Frankfurt am Main
Germany

Phone: +49 (0)69 7564-364
Fax: +49 (0)69 7564-117
Email: jungfer@dechema.de

CONFERENCE LOCATION

Representation of the State of Hessen to the EU
Rue Montoyer 21
1000 Brussels
Belgium

How to get there:

www.e4water.eu/_media/Congress%20venue%20LV%20Hessen_Englisch.pdf

Supported by the
Representation of the
State of Hessen to the EU



Source: Hessische Landesvertretung / FKPH

Integrated Industrial Water Management: Solutions for Practice

E4Water Final Conference

April 19 – 20, 2016
Brussels

INVITATION / PROGRAMME

www.e4water.eu



This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under grant agreement No 280756.

INVITATION

Water is a key pan-European concern for industry. Despite the vast amount of water on the planet scarce fresh water resources or water stress of aquatic ecosystems are up-to-date in Europe and the world. They are the result of a myriad of environmental, political, economic, and social forces. Europe is confronted with urgent challenges related to 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.

Chemical industry is both: a major water user and a key solution provider and offers **significant potential for increasing eco-efficiency in industrial water management** also for other industrial sectors.

The conference “**Integrated Industrial Water Management: Solutions for Practice**” presents new integrated approaches, methodologies and process technologies for a more efficient and sustainable management of water in chemical industry with cross-fertilization potential to other industrial sectors:

- Innovative materials, process technologies, tools and methodologies for an integrated water management.
- Open innovation approach for testing innovative developments with respect to other industries.
- Industrial case studies, representing critical challenges for the chemical industry and other process industries.
- Implementation of improved tools for process efficiency optimization, linking water processes with production processes and eco-efficiency assessment.

They were developed and demonstrated in the EU FP7 project E4Water – “Economically and ecologically efficient water management in the European chemical industry”. Beside **multiple interesting presentations** related to E4Water developments, **several keynotes** will give insights in industry needs and water related strategies and in European Commission activities and strategies. A **get together and poster party** will give participants the opportunity to discuss about E4Water results and to present their own work related to integrated industrial water management.

PROGRAMME

Tuesday, April 19, 2016

10:00	Registration
11:00	WELCOME by Thomas Track (DECHEMA/ E4Water project coordinator) and Germán Esteban Muñiz (EC, DG Research & Innovation, E4Water Project officer)
11:10	The E4Water project: Eco-efficient water management in the European chemical industry Thomas Track, DECHEMA, Germany <i>Chair: Thomas Track, DECHEMA, Germany</i>
11:25	KEYNOTE LECTURE Integration of innovative platforms in mature industrial symbiosis systems Mette Skovbjerg, Head of Symbiosis Center Denmark, Denmark
11:50	KEYNOTE LECTURE Lambert van Nistelrooij, Member of European Parliament, Netherlands
12:15	LUNCH
13:45	Concepts and relevance of Mild Desalination for water reuse in the industry Niels Groot, Dow Benelux, Netherlands
14:10	Symbiotic water reuse in the chemical industry Sabine Thabert, INOVYN Manufacturing Belgium NV, Belgium
14:35	Reduction of fresh water intake by desalination Raymond Creusen, TNO, Netherlands
15:00	Creating value from inorganic brines Peter Cauwenberg, VITO, Belgium
15:25	COFFEE BREAK
16:00	Photobioreactor: reuse of water and recycling of valuables Per Møller, Kalundborg Municipality, Denmark
16:25	Lab-scale technologies for cultivation and biorefinery of microalgae Davide De Francisci, DTU, Denmark
16:50	LCA and water footprint as tools for decision support Uwe Fortkamp, IVL, Sweden
17:15	End of the day
17:30	POSTER PARTY / GET TOGETHER with fingerfood and drinks (17:30 - 20:30)

PROGRAMME

Wednesday, April 20, 2016

9:00	WELCOME <i>Chair: Antonia Morales Perez, Cefic/Repsol, Belgium</i>
9:05	KEYNOTE LECTURE The role of innovation in water management Pavel Misiga, Head of the Water Unit at DG Environment, Belgium
9:30	KEYNOTE LECTURE Solvay Integrated Water Management: from internal policy to industrial cases Agnes Pilas Bégué, Global Environment network manager, Solvay RI, Belgium
9:55	Recycling waste waters in a petrochemical site Christine Bertrand and Audrey Breton, TOTAL, France
10:20	Treatment of organic concentrated streams: Integration of biological treatments and advanced oxidation processes Angeles Blanco, UCM, Spain
10:45	COFFEE BREAK
11:15	A journey towards 100 % recycling of water and surfactants Eddy Linclau, Procter & Gamble, Belgium
11:40	Demineralized water loop closure for PVC industry David Prieto, INOVYN España SL, Spain and Nathalie Swinnen, Solvay, Belgium
12:05	Modeling – an important water management tool Sven Geißen, TU Berlin, Germany
12:30	How to come to an integrated industrial water management: lessons learnt for practice Thomas Track, DECHEMA, Germany
12:50	End of conference