

PROGRAMME



Cross cutting issue conference

**Holistic approaches
for water and
resource efficiency
in process industry**

25 – 26 March 2020
Brussels · Belgium

supported by the Representation of the State
of Hessen to the European Union



- When** 25 & 26 March 2020
- Where** Representation of the State of Hessen to the European Union
21, Rue Montoyer | B-1000 Bruxelles
[Find enclosed the Map Access](#)
- Registration** <https://dechema.converia.de/frontend/index.php?sub=427>
The participation to this event is free of charge
[Registration before March 15th](#)
- Contact** Dennis Becker dennis.decker@dechema.de
Christina Jungfer christina.jungfer@dechema.de
Eric Fourest Eric.Fourest@webCTP.com

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Day1 | MARCH 25th, 2020

09:30 Registration and welcome coffee, pictures & business cards for networking wall

10:30 Start of the conference program

Moderation: DECHEMA (Dennis Becker), CTP (Eric Fourest)

10:30 **Welcome from Hessian Representative**

10:35 **Welcome from DECHEMA and CTP**

10:40 **Welcome and introduction from SPIRE**
Angels Orduna (SPIRE)

10:50 **Introduction of INSPIREWATER and SPOTVIEW**
Staffan Filipsson (IVL), Eric Fourest (CTP)

11:10 **Keynote: Challenges for the chemical industry - creating the next level of sustainable water usage**
Niels Groot (Dow Benelux B.V.)

11:30 **Keynote: Water and Resource efficiency in the Steel Industry: current challenges and new solutions under an ecosystem perspective**
Sophie Carler (Jerncontoret)

11:50 **Keynote: Water and Resource efficiency in the Pulp and Paper Industry: situation and new challenges with digitalisation**
Jori Ringman-Beck (Chairman of CEPI (Confederation of European Paper Industries))

12:10 **Keynote: Water and Resource Efficiency Strategies - update of the Water Framework Directive in Europe (title tbc)**
Hans Stielstra, European Commission, DG Env., Deputy Head of Unit, UNIT ENV.C.1 Clean Water,

12:40 **Panel discussion: Challenges for Water Management in Industry**
Moderator: tbc
Participants: Niels Groot (Dow Benelux B.V.), Sophie Carler (Jerncontoret), Jori Ringman-Beck (CEPI), Hans Stielstra (European Commission), Angels Orduna (SPIRE) (tbc)

13:15 **Networking Lunch – Poster exhibition**

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Day1 (to be continued)

14:30 Innovative and sustainable solutions in the steel industry – new developments in water management (INSPIREWATER/SPOTVIEW)

Martin Hubrich, VDEh-Betriebsforschungsinstitut (BFI), Elena Piedra Fernández, Beatriz Padilla Vivas (ArcelorMittal)

14:50 Innovative and sustainable solutions in the steel industry – recovery of acids (INSPIREWATER)

Andreas Rosberg (Sandvik), Fredrik Hedman (IVL)

15:10 New strategies and technologies for process water recycling in tissue paper industry (SPOTVIEW)

Antti Grönroos (VTT), Jenni Vaino (Essity), Pasi Nurminen (Valmet), Lotta Sorsamäki (VTT)

15:30 New strategies for effluent reuse in packaging paper industry (SPOTVIEW)

Stéphanie Prasse (Centre Technique du Papier), Serge Andres (Saica EL)

15:50 Networking coffee

16:30 Improved technology solutions in the chemical industry (INSPIREWATER)

Jozef Kochan, Friedhelm Zorn (Clariant)

16:50 Innovative and sustainable solutions in the dairy industry (SPOTVIEW)

Anastasios Karabelas, Dimitris Sioutopoulos (CERTH), Konstantinos Georgakidis (MEVGAL)

17:10 Resource recovery from industrial waste water by cutting edge membrane technologies - Outcomes of the ReWaCEM project

Daniel Winter (Fraunhofer Institute for Solar Energy Systems ISE)

17:30 Get together, evening cocktail, finger food and poster exhibition

End ~21:30

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Day2 | MARCH 26th, 2020

08:30 *Welcome coffee*

09:00 **Wrap-up Day 1**

Moderators (DECHEMA & CTP)

09:15 **Keynote: The Energy Footprint of Water Treatment**

Joachim Koschikowski (Fraunhofer Institute for Solar Energy Systems ISE)

09:40 **Keynote: Water Footprint, financing industrial water through Blue Bonds**

Jaap Feil (iWater - Water Footprint Implementation)

10:05 **Keynote: The Value of Water**

Gonzalo Delacamara, Senior Research Fellow / Head, Water Economics Department (IMDEA Agua)

10:30 **Panel discussion: How to save costs with water in industry?**

Moderator: tbc

Participants: Joachim Koschikowski (Fraunhofer ISE), Jaap Feil (iWater), Gonzalo Delacamara (IMDEA Agua).

11:15 *Networking coffee and snacks*

12:00 **Holistic water management (INSPIREWATER)**

Agata Andersson, Henrik Kloo (IVL)

12:15 **Environmental impacts of water optimization strategies developed within SPOTVIEW**

Elorri Igos (LIST)

12:30 **Environmental and economic assessment of INSPIREWATER solutions for resource recovery in process industries**

Fredy Dinkel (FHNW)

12:45 **Next steps towards creating sustainable impact through business exploitation (INSPIREWATER/SPOTVIEW)**

Presentation of the exploitation opportunities of both projects by PDC and IMCG.

13:15 **Opportunities and challenges to implement new innovative technologies into existing industrial environments (INSPIREWATER/SPOTVIEW)**

Panel discussion moderated by PDC/IMCG. Interactive session with technology providers and end users from both projects.

14:15 **Wrap-up and some closing words**

14:30 *End of the conference, snack*

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