Programme Topics

According to the United Nations, industry accounts for 22% of all global water withdrawals varying from 58% in high-income countries to 8% in low-income countries. For the first time, the IWA World Water Congress & Exhibition will host a dedicated forum for water in industries. Through better water management, many industries can not only reduce their environmental impact and meet societal demands for clean water, but also improve process performance and ultimately reduce costs. Hence, investments in industrial water now seem to increase, and the paradigm of ‘Water Stewardship’ is gaining ground.

The Forum for Industrial Water Users is formed to exchange ideas and approaches for industries to mitigate and overcome water-related challenges in a sustainable manner. The participants in the Forum will be Sustainability/EHS representatives from the food & beverage and other water-intensive industries; Retailers; Consumer organisations; Academics doing research on water administration and technological solutions; NGO’s; Consultants within water management and efficiency; Technology providers within water management and technical solutions.

As water is always seen in the local context, the Forum will present different approaches from across the globe. Core topics to be addressed at the Forum for Industrial Water Users will be:

- Perspectives on Water Stewardship
- Incentivising Sustainability: From SDGs to Regulation
- Sustainable Tools and Applications, including water efficiency and water reuse

Organising Committee

**Cheryl Davis**, IWA Specialist Group on Sustainability in the Water Sector

**Eric Rosenblum**, Water Resource Consultant, Envirospectives

**Martin Bech**, Senior Advisor, ATV Danish Academy of Technical Science

**Mathias Thuborg Madsen**, Advisor, DI Water, Confederation of Danish Industry

**Søren Hvilshøj**, Global Division Director, Ramboll

**Søren Nohr Bak**, Expertise Director, Water in Food & Beverage, NIRAS

Programme Overview

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FORUM AGENDA
INDUSTRIAL WATER USERS FORUM, ROOM A3

10.30-12.00 Forum Session 1: Perspectives on Water Stewardship
This session explores perspectives on water stewardship and will elaborate on opportunities for industries to lead initiatives that address shared water challenges and bring stakeholders together around sustainable solutions.

Moderator
Søren Hvilshøj, Global Division Director, Ramboll Water

Key Speaker addressing Water Challenges with focus on Industrial and Agricultural Use
E. Joaquin Esquivel, Chair State Water Resources Control Board, California (USA)

Topic introduction
Adrian Sym, Alliance for Water Stewardship (UK)
Carlo Galli, Technical Director for Water Resources, Nestle (Switzerland)

Panel discussion & Q&A
Adrian Sym, Chief Executive, Alliance for Water Stewardship (Scotland)
Alvaro Hernandez, Vice-President of IWA’s Specialist Group on Sustainability in the Water Industry (Chile)
Carlo Galli, Technical Director for Water Resources, Nestle (Switzerland)
E. Joaquin Esquivel, Chair State Water Resources Control Board, California (USA)
Henri Spanjers, Professor, Delft University of Technology (Netherlands)

13.30-14.15 Forum Session 2A: Incentivising Sustainability – from SDGs to Regulation
This session explores how companies are incentivized – and incentivize – themselves to use water sustainably as well as which disincentives are designed to prevent harm to the surrounding communities. Special focus will be given to the UN SDGs and their impact on the business community.

Moderator
Eric Rosenblum, Water Resource Consultant (USA)

Topic introduction
Cheryl Davis, IWA Specialist Group on Sustainability in the Water Sector (USA)

Panel Discussion & Q&A
· Arjumand Nizami, Country Director, Helvetas (Pakistan)
· Cheryl Davis, IWA Specialist Group on Sustainability in the Water Sector (USA)
· Michael Skovgaard, Global Director, Treatment / Industry, Grundfos (Denmark)
· Emilio Tenuta, Senior Vice President and Chief Sustainability Officer, Ecolab (USA)
· Niek van Belzen, Senior Environmental Analytical Manager, Dow Benelux B.V. (Netherlands)

Sign up for the Forum online: www.surveymonkey.com/r/WWCE_IWUF
worldwatercongress.org/industrial-water-users-forum

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14.15-15.00 - Forum Session 2B: Sustainable Tools and Applications
This session reviews the many tools and techniques, both technical and managerial, that companies use to align their water use practices with the principles of sustainability and resilience including ways to benchmark and share best practice.

Moderator
Lia Leffland, Managing Director, Danish Academy of Technical Sciences (Denmark)

Topic introduction
Søren Nøhr Bak, Expertise Director, Water in Food & Beverage, NIRAS (Denmark)

Panel Discussion & Q&A
- Rikke Dencher Aagaard, Director, Environment, Health & Safety, Group EHS & Sustainability, Danish Crown/DRIP (Denmark)
- Eskild Andersen, Senior ESG Manager, Carlsberg Group (Denmark)
- Søren Nøhr Bak, Expertise Director, Water in Food & Beverage, NIRAS (Denmark)
- Zineb Benjelloun, Senior Manager External Engagement – Sustainability & Green Industrial Development, OCP Group (Morocco)

15.45-17.15 – Forum session 3: Tabletop Discussions
During this session, the Tabletop Discussions, attendees are invited to engage with speakers and experts to explore and elaborate specific subjects. Each table is hosted by an expert or a practitioner who will initiate and moderate the discussion. Note takers will collect discussion points and take aways. The discussions are organized in three (3) rounds of 25 minutes. Attendees are invited to circulate among the different tables between each of the three rounds.

The discussions will be organized at 12 different tables that will each address the following key topics:

1. Symbiosis with industry and water utilities – How can 1+1 end in more than 2?
   Hans-Martin Friis Møller, CEO, Kalundborg Utility & Symbiosis (Denmark)

2. Power2X – Water impacts of sustainable energy solutions?
   Pat Campbell, Ramboll US (USA)

3. Clever water use: How can we create industrial water treatment solutions to treat, reuse and recycle water?
   Philippe Laval, VP Water Treatment Solutions, Grundfos (Denmark)

4. Advanced Membrane Treatment Technology – How will we optimize future treatment technology?
   Maria Salud Camilleri Rumbau, Senior Membrane Applications Specialist, Aquaporin A/S (Denmark)

5. Biodiversity – Can we turn industry into benefits for biodiversity and natural habitats?
   Martin Hesselsøe, Market director Nature & Biodiversity, NIRAS (Denmark)

6. Advanced Industrial Water Treatment – How can e.g., ozone treatment improve water quality for industrial purpose?
   Katerina Spiliotopoulou, Water Aps (Greece)

7. Creating Innovation – How can we create more innovation within wastewater recycling and resource recovery?
   Mette Ryum Nielsen, Senior Manager and Global Technical Network Manager, Ramboll Water (Denmark)

8. Industrial stakeholder engagement – How can external stakeholders support industry towards more sustainability?
   Avinash Vijay, Amane Advisors (France)

9. Wet industrial waste streams and sludges: A valuable resource?
   Ib Johansen, Circlia Nordic (Denmark)

10. Sensors, SCADA, Automation and Monitoring – How can new monitoring technology help improving industrial wastewater treatment technology in terms of water quality, energy efficiency and equipment maintenance?
    Kristian Holm Pedersen, Country Sales Manager, Jumo (Denmark)

11. Sludge dewatering – What would you prioritize in the next generation of sludge treatment equipment?
    Eva Caspersen, Business Manager in Global Sales Water & Waste, Alfa Laval Copenhagen (Denmark)

    CEO Stephane Simonetta, Grundfos Industry

13. EU Taxonomy – What will the impact be on finance sector focus on water issues?
    Kim Madsbjerg, Senior Project & IFI Market Director, Ramboll Water (Denmark)

14. Zero waste of water in industrial production – How can we use corporate water initiatives and partnerships on the journey to achieve zero waste of water?
    Mathias Sloth Andersen, Grundfos (Denmark) and Hanna Birna Sigurdardottir, Senior Project Manager, Circular for Zero, Novo Nordisk (Denmark)

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17.15-18.15 – Forum Reception at Danish Pavilion Town Square

To conclude the program, Ramboll will host a reception at the Danish Pavilion. The reception is organised in collaboration with DI Water and Danish Academy of Technical Sciences.

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