

Workshop Water Efficiency in Manufacturing Industries

Friday 14 October - 08:30 – 17:00hrs. - TU Delft Campus - Teaching Lab

Background

Water scarcity will bring environmental degradation and competition on water use (agricultural, domestic, and industrial) which, overall, will have an impact on the socioeconomic development and the competitiveness of the European industry. The Water Academies [The Water Academies](#) are shaped to address the challenges of specific sectors on fighting water scarcity to contribute to the creation of a water-saving economy. It is a capacity building programme composed of workshops and a MOOC to transfer knowledge on water management for the manufacturing industry, agri-food, water utilities and municipalities. The Water Academies are part of the [Cross-KIC project Finding innovative solutions for water scarcity in Southern Europe](#) led by four innovation communities (EIT Manufacturing, EIT Food, EIT Climate and EIT Digital) in cooperation with three project partners ([TU Delft](#), [Athena Research Centre](#) and [BioAzul](#)).

This workshop on water efficiency in the manufacturing industry is the third in a series and was preceded by the workshops “Reuse in agriculture” and “Urban water management and the role of nature-based solutions”. The main objective of the workshop is to share experience and ideas on how the manufacturing industry can overcome water efficiency challenges in a sustainable manner. The workshop consists of presentations from different water experts, a panel discussion and an excursion to the new factory of [Innocent Drinks](#) in Rotterdam. The session will be hybrid and can be followed online (except for the excursion).

Program

Welcome: coffee & cookies	08:30 – 09:00
Opening by Henri Spanjers – TU Delft	09:00 – 09:15
Niek van Belzen – Environmental Analytical Manager, Dow Benelux <i>Digital and Circular Water Use Innovations in the Industry</i>	09:15 – 09:45
Gustaf Olsson – Professor emeritus, Lund University <i>Water interactions in the industry</i>	09:45 – 10:15
Georg Stockinger – Water Treatment and Integration Technologist, Shell Global Solutions International <i>Implementation of water stewardship in the oil and gas industry</i>	10:15 – 10:30
Amir Haidari – Water Technologist, Brabant Water <i>Alternative water resources for industry water supply</i>	10:30 – 10:45
Coffee Break	10:45 – 11:15

Panel discussion and Q&A: Industrial water stewardship and application 11:15 – 12:15

During this interactive session attendees are invited to engage with speakers and experts to explore the perspectives on water stewardship, review tools and techniques of water use and share best practice on water efficiency. Moderator: dr. Henri Spanjers – TU Delft

Panel:

- Johan Raap – Process technologist, [Royal Cosun](#)
- Niek van Belzen – Environmental Analytical Manager, Dow Benelux
- Georg Stockinger – Integration Technologist, Shell
- Amir Haidari – Water Technologist, Brabant Water
- other professionals t.b.a.

Wrap up by Henri Spanjers – TU Delft 12:15 – 12:30

Lunch 12:30 – 14:00

Excursion to “[De Blender](#)” Innocent Drinks – Rotterdam 14:00 – 17:00

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Hybrid session

The workshop can be followed online via Zoom (except for the excursion), a link will be provided after enrolment and verification. Limited places are available at the live location, you will receive a personal invitation after approval.

Address of location: [Teaching Lab](#), Landbergstraat 19, 2628 CE Delft. Please use the main entrance of “Pulse” (building 33), the building connected on the left side. More information about parking and accessibility can be found [here](#).

Photography/Videography

Please note that photographs and footage will be taken throughout the workshop. These will be used by the organising committee for marketing and publicity in our publications, as well as in the MOOC, on our website and in social media or in any third party publication. Please contact the event organiser if you have any concerns or if you wish to be exempted from this activity.