



WaterWatt Energy Efficiency Forum:

Free Event to help SMEs, large industrial producers and businesses, and others utilising large water circuits improve the Energy Efficiency of Industrial Water Circuits

The Horizon2020 WaterWatt Project

WaterWatt is funded by Horizon2020 and involves six international partners: [DECHEMA](#), [BFI](#) (Germany), [ISQ](#) (Portugal), [SINTEF](#) (Norway), [ISMB](#) (Italy) and [Cardiff University](#). The WaterWatt project (<https://www.waterwatt.eu/>) aims to increase energy efficiency in industrial water circuits (IWCs) across all industrial sectors. Currently, no benchmarks for energy consumption in IWCs and no tools to systematically improve their energy efficiency exists. Consequently, there is a lack of awareness of the energy saving potential. To address these challenges and empower businesses in Wales, the UK, and Europe, the WaterWatt project has developed an open-access online platform – the *Energy Efficiency Evaluation (E³) Platform* – that allows SMEs, large industrial producers and businesses, and others utilising large water circuits, to self-assess energy use and evaluate a range of existing technological options that can improve the efficiency of their circuits.

The WaterWatt Energy Efficiency Forum at Cardiff University, 17 Jan 2019, 9am – 12.30pm

WaterWatt Energy Efficiency Forum Schedule		
9 – 9.20	Welcome + Refreshments	
9.20 – 9.30	Opening Address	TBA (Welsh Government)
9.30 – 10	Improving the energy efficiency of IWCs: Making the Case	Dr Muriel Iten, ISQ
10 – 11	The E3 Platform: how it works and what it can do	Dr Jochen Michels, DECHEMA
11 – 11.30	Energy Efficiency Management and Finance Instruments	Dr Dean Stroud & Dr Martin Weinel, Cardiff University
11.30 – 12.30	Networking over light lunch	

*refreshment breaks on an *ad hoc* basis

Forum Venue: Sir Martin Evans Building (CF10 3AT), Room C0.12/C0.13 (adjacent to Foyer)

Why Should You Attend

The WaterWatt team will convene the Energy Efficiency Forum to highlight the importance of energy efficiency to meet future challenges and introduce the key features and capabilities of the E³ Platform.

Who Should Attend

The forum is open to anyone interested in the improvement of energy efficiency:

- Industry stakeholders with responsibility for building, running and maintaining water circuits
- Industry stakeholders with responsibility for environmental and energy-related standards
- Sector Organisations
- Welsh Government – Innovations and Business Development; Energy; Environment
- Academics, trainers and researchers: water engineering, civil engineering, sustainability and the environment



Why is improved energy efficiency critical?

Improving energy efficiency is a critical challenge for all industrial sectors, particularly for compliance with energy targets, audits and regulations. It is also important for future economic growth and industrial expansion, as well as future generations and meeting climate change obligations.

Why look at Industrial Water Circuits?

The relative energy demand of Industrial Water Circuits is low – approx. 5% of the overall energy used in industrial processes – but their absolute energy demand is significant: the total energy demand of all IWCs across the European Union is estimated to be 74,000GWh per year. Measures aimed at improving energy efficiency have principally been directed at primary production, which means that the energy saving potential of IWCs remains high.

To attend, please sign up on Eventbrite:

<https://www.eventbrite.co.uk/o/horizon-2020-waterwatt-consortium-10671425715>

For further information:

Please email Dr Dean Stroud stroudda1@cardiff.ac.uk or Dr Martin Weinel weinelm@cardiff.ac.uk

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 695820.
