



**IWA Wastewater, Water and  
Resource Recovery Conference  
Poznan 10 – 13 April 2022**



**Workshop 13 April 2022, 10:00 – 12:00**

**Simultaneous Recovery of Energy, organics and Nutrients and  
generation of valuable products from municipal wastewater**

Workshop description

This workshop introduces Polish-Norwegian cooperation in research on simultaneous recovery of energy, organics and nutrients and generation of valuable products from municipal wastewater. The subject is presented based on the SIREN Project realised under “Norway Grants” Programme.

Workshop organizers:

Zbysław Dymaczewski, Poznan University of Technology  
Joanna Surmacz-Górska, Silesian University of Technology  
Sławomir Ciesielski, University of Warmia and Mazury  
Christian Vogelsang, Norwegian Institute for Water Research  
Jacek Mąkinia, Gdansk University of Technology

**Presenters**

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**Timeline**

Time

Activities:

Authors

10:00 – 10:15

Norway Grants – Polish-Norwegian  
scientific cooperation on the example of  
SIREN Project

Zbysław Dymaczewski

10:15 – 10:35

Selection of mineral sorbents for sorption  
of humic substances

Justyna Michalska, Jolanta  
Turek-Szytow, Agnieszka  
Dudło, Joanna Surmacz-  
Górska

10:35 – 10:50

Hydrogen production from wastewater  
using MEC reactor

Christian Vogelsang

10:50 – 11:05	Biopolymers recovery from sludge	Agnieszka Cydzik-Kwiatkowska, Maciej Florczyk, Sławomir Ciesielski
11:05 – 11:20	Impact of DNA extraction method on microbial diversity assessment	Maciej Florczyk, Aleksandra Ziembinska-Buczyńska, Agnieszka Cydzik-Kwiatkowska, Sławomir Ciesielski
11:20 – 11:35	Collection of the data for model calibration and validation	Dominika Sobotka, Joanna Majtacz
11:35 – 12:00	Discussion	
Requirements for conference platform		
ZOOM		