

Decarbonization of district heating systems

WORKSHOP AGENDA

Gdańsk, 28.06.2023

Vanue: IMP PAN Gdańsk and online

Registration: konferencja@imp.gda.pl

The overall aim of the workshop is to:

- (1) inform research, industry city administration on the dedicated technologies,
- (2) promote and enhance energy-efficient renewable energy investments, developing replicable solutions that are mobilizing public, as well as private capital.
- (3) discuss the issues related to the main project application

Lp.	Time	Title	Presenter
BLOCK 1: SURVEY, a pre-identification of existing technologies related to hydrogen and e-fuels			
Moderator: IMP PAN			
1	9.15-9.30	Welcome speech	<i>Adam Cenian (IMP PAN)</i> <i>Marcin Lackowski</i> <i>Director of IMP PAN</i>
2	9.30-10.00	Energy Port Rostock - Green Hydrogen in Rostock and its possible use in DH	Arvid Langenbach <i>IWEN-ENERGY</i>
3	10.00-10.20	Hydrogen in southern Sweden - current initiatives and prospects	Pierre Ståhl Energy Agency for Southeast Sweden
4	10.20-10.40	Power to Heat - Take advantage of renewables instead of switching them off	Johannes Beyer; Stadtwerke Rostock
5	10.40-11.00	First in Poland fuel cell system coupled with biomass CHP	Tomasz Kowalczyk IMP PAN
6	11.00-11.20	Q&A	
11.20-11.40 COFFEE BREAK			
BLOCK 2: Heat pumps and waste heat recovery and utilisation.			
Moderator: <i>IWEN-ENERGY</i>			
1	11.40-12.00	Heat pumps and their utilisation for waste heat recovery – including wastewater treatment system	Adam Cenian IMP PAN
2	12.00-12.20	Waste heat recovery from flue gas system	Leteng Lin, Linnaeus University, Växjö
3	12.20-12.40	Lowering supply temperature in DH system applying iGRID system in Gdynia	Joanna Wojtkowska-Paszak OPEC
4	12.40-13.00	Waste heat recovery system from copper production and utilization in HafenCity - Hamburg	Jarosław Losinski IMP PAN
5	13.00-13.30	Panel Session	Facilitated by Ksawery Kuligowski
13.30-14.20 LUNCH			

BLOCK 3: Biomass – the solution for BSR countries.

Moderator: LEI

1	14.20-14.50	Heating system in Vaxjo and current initiatives	Göran Gustavsson Energy Agency Southern Sweden
2	14.50-15.10	Technological status and perspectives of district heating systems in Lithuania	Nerijus Pedisius Lithuanian Energy Institute
3	15.10-15.30	Decarbonization of DH system in Łomża	Mieczysław Dzierzgowski IMP PAN/ PW
4	15.30-15.40	Closing remarks	
<i>15.40-16.00 COFFEE BREAK</i>			