

The role of heat pumps in the green transition: EU Projects perspectives

Topic: HP workshop

When: 27th of April 2023

The event will be held within the framework of the Sustainable Energy Days – EUSEW 2023

Location: Online, Teams

[Link for registration](#)

Description of the event:

The heat pump sector is continuously growing, helping in climate action, cutting heating and cooling emissions and creating jobs. However, there is still a lack of clear information about the implementation. In particular, the relation between heat pumps and district heating and cooling allows sector integration and the use of renewable energy sources, and waste heat recovery.

The webinar “The role of heat pump in the green transition: EU Projects perspectives” aims to gather stakeholders and share knowledge about these thematic through three inspiring selected EU-funded projects.

This event is organised in the framework of the REWARDHeat project. The project focuses on demonstrating a new generation of low-temperature district heating and cooling networks, able to recover renewable and waste heat at low temperatures. We will also hear from two other two EU projects - [ReUseHeat](#) and [SecRHC 2022-2025](#) -, which will present their perspective and approach in R&I about heat pump application. ReUseHeat project showcases replicable models enabling the recovery and reuse of excess heat available at the urban level, with the aim to increase the energy efficiency of district heating and cooling systems in cities across Europe. Meanwhile, the European Technology Platform on Renewable Heating and Cooling (RHC-Platform) brings together stakeholders from the biomass, geothermal, solar thermal and heat pump sectors to define a common strategy for increasing the use of renewable energy technologies for heating and cooling.

Join us at this event to know more about the projects’ key results, inspiring innovative technologies, and lessons learnt. This event will take place online (Teams) on Thursday, 27th of April from 10:00 to 12:00.

Agenda:

Time	Title of the presentation	Speaker
10:00 – 10:05	Introduction by Elena Ricci	Elena Ricci (Confirmed) <elena.ricci@ehpa.org> EU Projects Officer at EHPA
10:05 – 10:15	Welcome speech – heat pump market	Jozefien Vanbecelaere (Confirmed) <jozefien.vanbecelaere@ehpa.org> Head of EU Affairs at EHPA
10:15 – 10:35	REWARDHeat presentation (project overview, HP roles, lessons learnt)	Roberto Fedrizzi (Confirmed) <roberto.fedrizzi@eurac.com>

		Research Group Leader at the Institute for Renewable Energy at EURAC Research
10:35-10:55	Presentation of EDF's demo site	Christian Keim (EDF) (invited)
10:55 - 11:15	<i>RHC-ETIP strategic report on renewable heating and cooling technologies: the role of heat pumps</i>	Giorgio Bonvicini (confirmed) < giorgio.bonvicini@rina.org > Senior Energy Engineer at RINA and Co-chair of the Horizontal Working Group on Districts of the RHC-ETIP initiative
11:15-11:35	<i>Learnings on low temperature waste heat recovery from the ReUseHeat project and studies on heat pump integration into the district heating fuel supply</i>	Kristina Lygnerud (Confirmed) < kristina.lygnerud@ivl.se > Senior Energy Expert at the Swedish Environment Research Institute; Adjunct Professor in Energy Sciences at Lund University; Chair of the European Knowledge Hub on District Heating and Cooling DHC.
11:35 - 11:55	Panel discussion (Q&A session)	Elena Ricci
11:55 - 12:00	Closing remarks (thank you, subscribe to the newsletter)	Elena Ricci