soWHat

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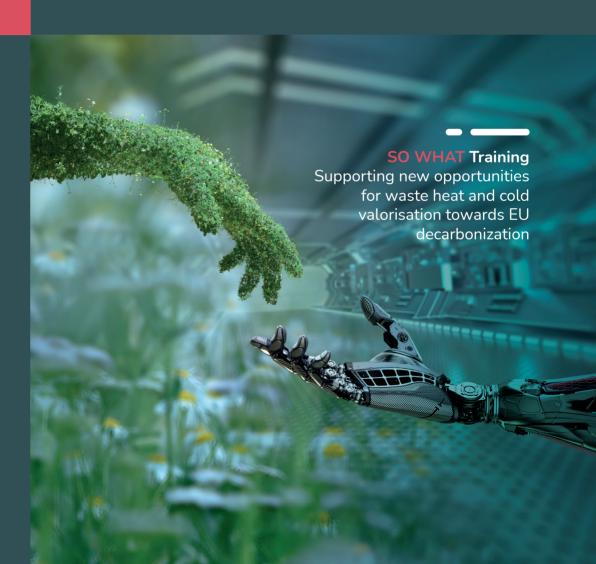
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soWHat

SO WHAT Training
Supporting new opportunities for waste heat and cold valorisation towards EU decarbonization

RINA

[TECHNOLOGY CENTRE] CARTIF

IES R&D IRELAND

Sustainable INNOVATIONS

ENVIRONMENT PARK Parco Scientifico Tecnologico per l'Ambiente

UNIVERSITY OF BIRMINGHAM

FAEN Fundación Asturiana de la Energía

POM

2GO OUT 2GO OUT CONSULTING

ivl Swedish Environmental Research Institute

MEDGreen

AdEPORTO AGÊNCIA DE ENERGIA DO PORTO

MARTINI

lipor

Göteborg Energi

Kelvin Solutions

eleukon

Materials Processing Institute

RADET

VE VARBERG ENERGI

SO WHAT
Training

SO WHAT main objective is to develop and demonstrate an integrated software which will support Industries, Energy Utilities, Municipalities and also Academic Sector in selecting, simulating and comparing alternative Waste Heat and Waste Cold (WH/C) exploitation technologies that could cost-effectively balance the local forecasted H&C demand also via RES integration.

Thanks to SO WHAT training, you will be able to:

- understand how to enhance WH / C
- identify the best technology to implement
- identify the most suitable business model
- analyze the legal framework and regulatory issues related to the different options

INDUSTRIAL SECTOR

MUNICIPALITY ENERGY AGENCY

ACADEMIC SECTOR

MODULE 01

How to investigate your energy consumption, the potential of WH/C Technologies and how to exploit it externally to the industrial plant.

Exploring the Module 1, you will achieve both high-level information about industrial energy consumption, following standard auditing techniques and insights about the WH/C technologies that could be implemented.

01

MODULE 02

Suitable business and financing schemes for WH/C installation.

The Module 2 will allow you to understand the limitations and how they can take advantage of WH/C for industries and learn about socio-economics by the implementation of new technology or local RES benefitting the EU.

02

MODULE 03

Using SO WHAT Tool.

In Module 3 you will understand the SOWHAT tool, its advantages, how the tool can simulate both the industrial environment and the surrounding community on a single platform. You will learn how map, accommodate, simulate and post-process the data collected and prove the solutions for further query and cross-check the steps you have followed correctly for the understanding of user knowledge.

03