



Newsletter 4, May 2020



### SO WHAT hosts online consortium meeting

The SO WHAT partners celebrated its second General Assembly Meeting on April 15. The gathering was originally meant to take place in Constanța, Romania, but due to the restrictions related to COVID19 it was finally hosted online.

All the partners connected to an online session during which they presented the project's progress, activities performed and forthcoming ones, and hosted different working sessions to discuss the upcoming work and strategy.

We missed a face-to-face meeting, but we still managed to bring up great ideas and inputs!

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### New report on industrial WH/C recovery technologies

There is a wide range of industrial Waste Heat and Cold (WH/C) recovery technologies currently available. They greatly differ in terms of operating principles and conditions, target applications, development stage, costs, and benefits.

The project partner [University of Birmingham](#), coordinated by [Adriano Sciacovelli](#), elaborated a comprehensive and unified view of the currently existing portfolio of WH/C recovery technologies:

- ▶ Heat-to-Heat technologies;
- ▶ Thermal Energy Storage technologies;
- ▶ Heat-to-Cold technologies;
- ▶ Heat-to-Power technologies;
- ▶ Heat upgrade technologies.

[Download the full report](#)



### Our technical coordinator presents SO WHAT's objectives

Our technical project coordinator [Nick Purshouse](#), from [IES Ltd.](#), explains some of the So WHAT - Project objectives in a video interview:

- ▶ Model Waste Heat and Cold (WH/C) coming from the industrial environment.
- ▶ Explore better ways to recover and reuse WH/C in the surrounding communities.
- ▶ Map the local WH/C demand to equilibrate and optimize the supply.
- ▶ Include renewable energy sources to create a better energy balance.



### User requirements for the SO WHAT tool

One of the key things to develop the SO WHAT tool is to understand the specific needs of the industry and energy utilities. In order to understand them, we carried out a research based on a design-thinking workshop, interviews, and an online survey. We involved industrial sites and stakeholders to understand the main user requirements for the software.

Our partner [CARTIF](#), coordinated by [Susana M<sup>a</sup> Gutierrez](#), elaborated a report with an analysis of all the inputs from the interview, questionnaires and workshop responses, grouping the technical requirements from a user perspective.

[Download the full report](#)



Three of the consortium partners speak about the importance of the project: Francisco Morentin from CARTIF, Giorgio Bonvicini from RINA Consulting, and Stan Verdonck from POM Antwerpen.

### Our partners talk about the importance of SO WHAT

Three representatives of our consortium partners: [Francisco Morentin](#), from [CARTIF](#), [Giorgio Bonvicini](#) from [RINA](#), and [Stan Verdonck](#) from [POM Antwerpen](#) – talked about the relevance of the SO WHAT – Project on a video interview, and mentioned the following key points:

- ▶ WH/C recovery presents a great opportunity to improve energy efficiency.
- ▶ The tool being developed will allow deeper interaction of the industrial sites with their surroundings and maximize the integration with District Heating and Cooling in the area.
- ▶ The SO WHAT Project will ease feasibility studies to recover Waste Heat and Cold, and it will enhance the collaboration needed to achieve a greener world.

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 847097