RE-WITCH
The coolest cold from the cleanest heat

2nd Newsletter

Oktober 2026

Nearly three years after RE-WITCH kicked off, and the project is now in full swing, with activities and collaborations gaining momentum across all work packages. Over the last years, our consortium has worked closely to develop and test innovative circular solutions for industrial waste, bridging science, industry and sustainability.

In this issue, we take a moment to look back at what we've achieved, share highlights from our pilot sites and partners and give you a glimpse of what's coming next.

THE PROJECT AT A GLANCE

From waste heat to clean cooling energy - Project presentation video

RE- WITCH magic is turning waste heat to clean industrial heating and cooling. Cool, right?

You want to explore more? Klick: Extended briefing **(**e.g. Glossary, Brochure, Poster)

PODCAST

From waste Heat to Resilient Energy Solutions. Participation of Dong Yu in the INTERSTORES podcast

YouTube: Discover how thermal storage and geothermal can power a more resilient energy future.

IEECP podcast with RE-WITCH & ODYSSEE-MURE

Turning industrial waste heat into climate solutions

YouTube: https://www.youtube.com/watch?v=edlhYlwP9WQ
Spotify:https://open.spotify.com/episode/2FdhUfW5QqaQDxakbWhG4m?si=mGzEqPbHTheKkn8DrHZ6AQ&nd=1&dlsi=2a5aae7335f14dc8

ARTICLES

Market entry of RE-WITCH's heating and cooling solutions focuses on how business models can enable uptake and long-term value creation.

How to make industrial waste heat pay off with RE-WITCH

The RE-WITCH project demonstrates how various industrial waste heat sources can be accessed and what they can be used for.

RE-WITCH demonstrates waste heat and thermally driven chillers as a great match

MIL OIL brings FLEXIndustries to the next generation.

130 students discover waste heat recovery and renewable energy in action.

PUBLICATIONS

SUSTAINABLE COOLING AND STORAGE SYSTEMS: A CASE STUDY IN A BIOFUELS PLANT IN GREECE. Lykas, P., Bellos, E., Nikolopoulos, N., Tsagkalidis, N., Barberis, S., & Frazzica, A. (2026, January 19). https://doi.org/10.5281/zenodo.18303521

TES INTEGRATION FOR HEAT-TO-COLD SOLUTIONS: COMPARISON OF MODELLING APPROACHES FOR A CASE STUDY IN A BIOFUELS PLANT IN GREECE. Barberis, S., Lykas, P., Nikolopoulos, N., Bellos, E., Tsagkalidis, N., Nosratabadi, S. M., & Frazzica, A. (2026, January 19). https://doi.org/10.5281/zenodo.18303690

Sorption heat pumps for industrial high-temperature applications: A comprehensive review, Energy Conversion and Management: X, Volume 29, 2026, 101551, ISSN 2590-1745, Matteo Ametta, Alessio Sapienza, Salvatore Vasta, https://doi.org/10.1016/j.ecmx.2026.101551.

Explore the latest scientific publications and research results from the RE-WITCH project. (here)

You can also follow the project updates on the Zenodo Community

WEBINAR UPDATES

Discover RE-WITCH insights on sustainable heating and cooling from EUSEW 2026.

As part of the European Sustainable Energy Week (EUSEW) 2026, the RE-WITCH project participated in the 2Cool2Waste Cluster Webinar **"The Future of Energy Efficiency: Practical Solutions for Heat Recovery and Electrification"**. The webinar served as a common entry point into key challenges and opportunities related to industrial decarbonisation, energy efficiency, electrification, and net-zero technologies.

RE-WITCH/ EUSEW materials available is now available!

UPCOMMING WEBINAR

2Cool2Waste cluster webinar I 13th October I 13.00 – 15:00 CET

From Prototyp to Market: Innovative Heat Recovery and Cooling Technologies.

Discover how innovative heat recovery and cooling solutions move from prototypes to real industrial applications.

Participation of RE-WITCH at Enlit I 10-12 November in Vienna

Integration. Resilience. Competitiveness. Three days. One place. The entire energy ecosystem.

Enlite

Participation of RE-WITCH Sustainable Places I 2-4 December in Luxembourg

Sustainable Places 2026 in Luxembourg brings together Europe's leading innovators, researchers, businesses, and policymakers to showcase solutions for a more sustainable and climate-resilient future.

Sustainable Places

RE-WITCH general assembly I 14-15 October at San Sebastián

RE-WITCH partners will come together in San Sebastián for the upcoming General Assembly to reflect on progress made, exchange valuable insights, and shape the next phase of the project together.

DON’T MISS A MOMENT OF THE RE-WITCH JOURNEY

Stay informed about our latest results, activities and insights by visiting our website and following our LinkedIn account!

Join to our stakeholder community !

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