

**HOLISTIC ENERGY MANAGEMENT AND
THERMAL WASTE INTEGRATED SYSTEM FOR ENERGY
OPTIMIZATION**



**PRESS RELEASE
KICK-OFF MEETING**

AALBORG, DENMARK

19-20TH MARCH, 2024



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HEATWISE Kick-off

Aalborg, Denmark, April 2024



Image: HEATWISE consortium kick-off meeting at Aalborg University, Denmark

The Horizon Europe project, Holistic Energy Management and Thermal Waste Integrated System for Energy Optimization (HEATWISE) celebrated its kick-off in Aalborg, Denmark, on March 19-20, 2024. This pioneering €4.5 million initiative, co-funded by the European Union and the Swiss Secretariat for Education, Research, and Innovation (SERI), marks a significant step towards revolutionizing energy efficiency and waste heat recovery in data centers and tertiary buildings across Europe.

The HEATWISE project aims to address the critical challenges faced by the data center market. By integrating waste heat and thermal energy management, HEATWISE seeks to minimize waste heat, maximize energy efficiency, and generate additional value through its innovative solutions. These solutions include a hybrid (liquid and air) cooling technology, a digital twin-supported holistic data management system, an integrated multi-objective building energy management system, and a self-assessment and optimization tool.



Image: HEATWISE consortium kick-off meeting in Aalborg, Denmark

With 12 partners from 8 different countries, including universities, research centers, SMEs, a large company, and a national standardization body, the consortium brings a diverse and robust expertise to the project. The pilot implementations in Denmark, Poland, Switzerland, and Turkey will serve as benchmarks for the scalability and adaptability of HEATWISE's solutions across the EU and beyond.

Impactful Innovations for a Sustainable Future

The HEATWISE project is poised to make significant contributions in three key areas: technological advancements, the promotion of affordable and clean energy, and policy influence. By optimizing energy use and unlocking the potential for waste heat recovery, HEATWISE will advance technological solutions that are crucial for the sustainability of data centers and tertiary buildings. Furthermore, the project aligns

with the EU's decarbonization goals, promoting a secure, clean, and affordable energy supply. And lastly, engagement with standardization initiatives will provide policymakers with the data and insights needed to support the adoption of energy-efficient policies.



Image: HEATWISE consortium kick-off meeting in Aalborg, Denmark

Looking Ahead

Set to run until December 2026, HEATWISE is committed to leading the way in energy optimization and setting a new standard for environmental efficiency in the digital and built environment. For more information on the project's progress, innovations, and outcomes, visit the official website at <https://heatwise.eu/>.

Contact Information

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