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CLIVET

STANDARDISED HEAT PUMP SOLUTIONS FOR SUSTAINABLE FOOD PRODUCTION



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THE CHALLENGE

Industrial heat pumps are not yet widely used in the food sector. **Companies face barriers** such as lack of awareness, uncertainty about integration into existing process lines, and financial concerns.



THE OPPORTUNITY

Most food processes operate at temperatures that modern heat pumps can already reach (up to 200°C): the opportunity is clear. With efficiencies up to six times higher than fossil boilers, **heat pumps can turn waste heat into a resource**, cutting both costs and emissions while strengthening energy independence.

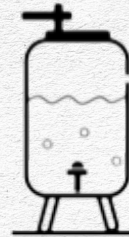
EXQUISHEAT builds on this opportunity by **creating the conditions for a wider roll-out of high-quality heat pump solutions across the food industry**, focusing on four key industrial processes to ensure broad adoption and scalability.

FOCUS ON 4 KEY INDUSTRIAL PROCESSES

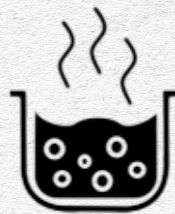
HOT WATER SANITATION



PASTEURISATION



EVAPORATION, CONCENTRATION AND DRYING



REFRIGERATION AND COOLING



THE PROJECT OBJECTIVES

To drive the decarbonisation of the food sector, EXQUISHEAT focuses on two core objectives:

Uncovering opportunities for heat pump integration: by analysing industrial processes and developing standardised, replicable solutions tailored to the needs of the food industry.

Creating lasting collaboration: through a dedicated roundtable platform that brings together stakeholders from both the food industry and the heat pump sector, fostering dialogue and knowledge exchange.

