

According to ADEME, in France, 52.9 TWh of fuel is

lost each year at temperatures above 100°C.



Study on the characterization and valorization of waste heat sources

What is waste heat?

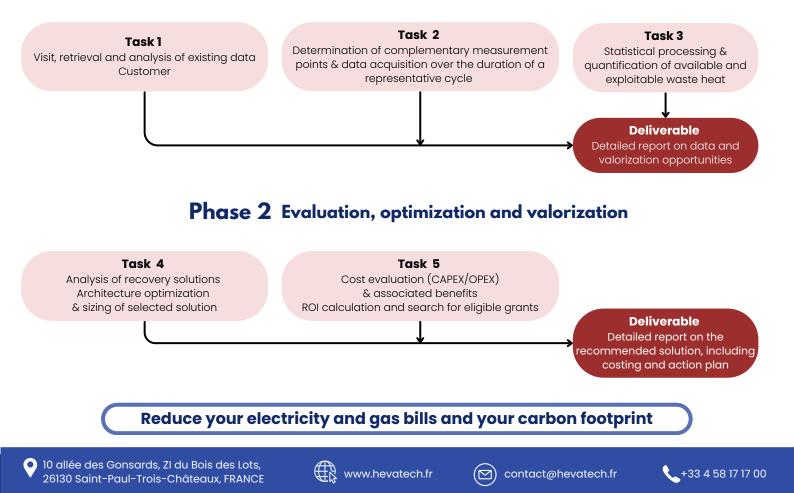
This is the residual heat generated by industrial processes, which is often lost or little recovered.

Examples of possible uses : Production of electricity with cogeneration (electricity and heat/cooling) to meet internal needs (drying of inputs, injection into the process, heating of buildings, etc.) or external needs (heating or cooling networks).

Our proposal

5-step study of your heat source and your needs

Phase 1 Characterization of heat sources and needs





Our methodology & tools



Minimally intrusive measurement tools for reliable data collection



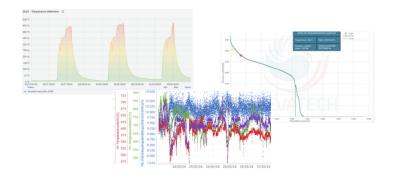
Wireless connectivity and remote analysis to monitor measurement quality throughout the campaign

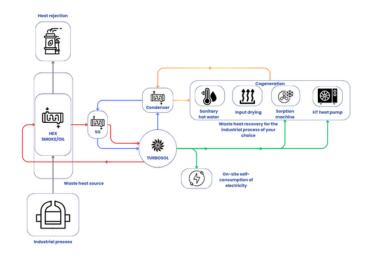


High-performance sizing tools to select recovery solutions with the best value creation



Reliable financial tools for pre-costing selected solutions and calculating associated ROI





Business Case

Converting waste heat into electricity and heat for drying

Heat source of 1.2 MWth at 500°C

Net electrical power : **70 kWe**

Cogeneration heat output : 630 kWth (hot water at 85°C)

