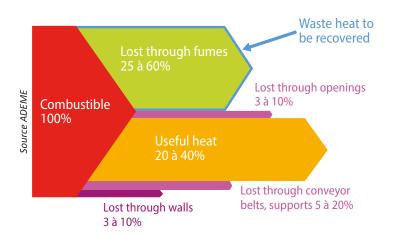


TURBOSOL: INNOVATIVE AND COST EFFECTIVE PROCESS TO TURN WASTE HEAT INTO ELECTRICITY

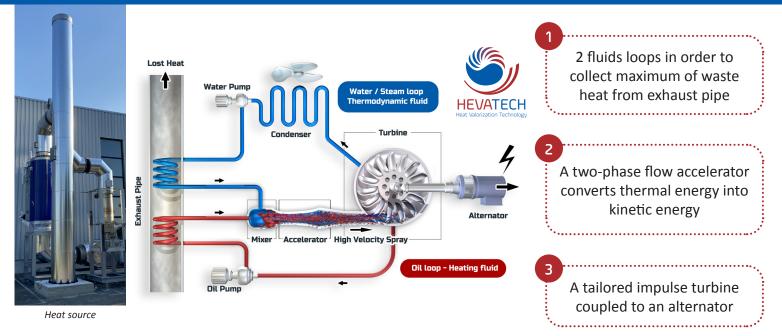
WASTE HEAT : A FREE RESOURCE TO BE RECOVERED

50% of the global energy consumption is wasted through lost heat ! Here is a **considerable pool of energy** to be used and also an **ecological emergency**. However, existing solutions are still expensive and delicate to implement. Thus, only a few real realizations have been made. In the fact of such situation, our objective is :

To offer an innovative, robust and environmentally friendly solution, which would drastically shorten the return on investment



AN INNOVATIVE TECHNOLOGY FOR AN ECONOMIC DISRUPTION



REACHABLE AND ATTRACTIVE MARKETS



Waste and biomass



Heavy industry



Generator sets

The European market is estimated at over 5 bn €

AN ECONOMIC DISRUPTION ON THE MARKET

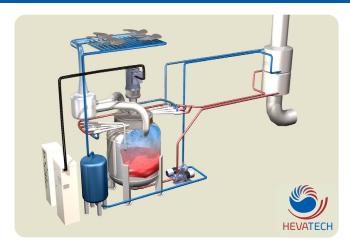
- Easy to process and implement
- Low costs especially regarding investment, implemantation and maintenance
- Safe and secure (fluids, low pressure, rotation velocity...)
- Modular power (from 30 kWe to 1 MWe)
- Cogeneration opportunity (electricity/heat/cold)

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Von-contractual photo – HEVATECH 2021

TECHNICAL SPECIFICATIONS





- Electric power output : TS_{small} 30-50 kWe
 TS_{med} 50-200 kWe
 TS_{large} 200-1000 kWe
- Waste heat usable temperature : > 300 °C
- Pressure : tank 1 bar, pipes 12 bar
- **Turnkey system** : process, components including heat exchangers, implemantation and starting phase

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TURBOSOL : A REWARDED TECHNOLOGY





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