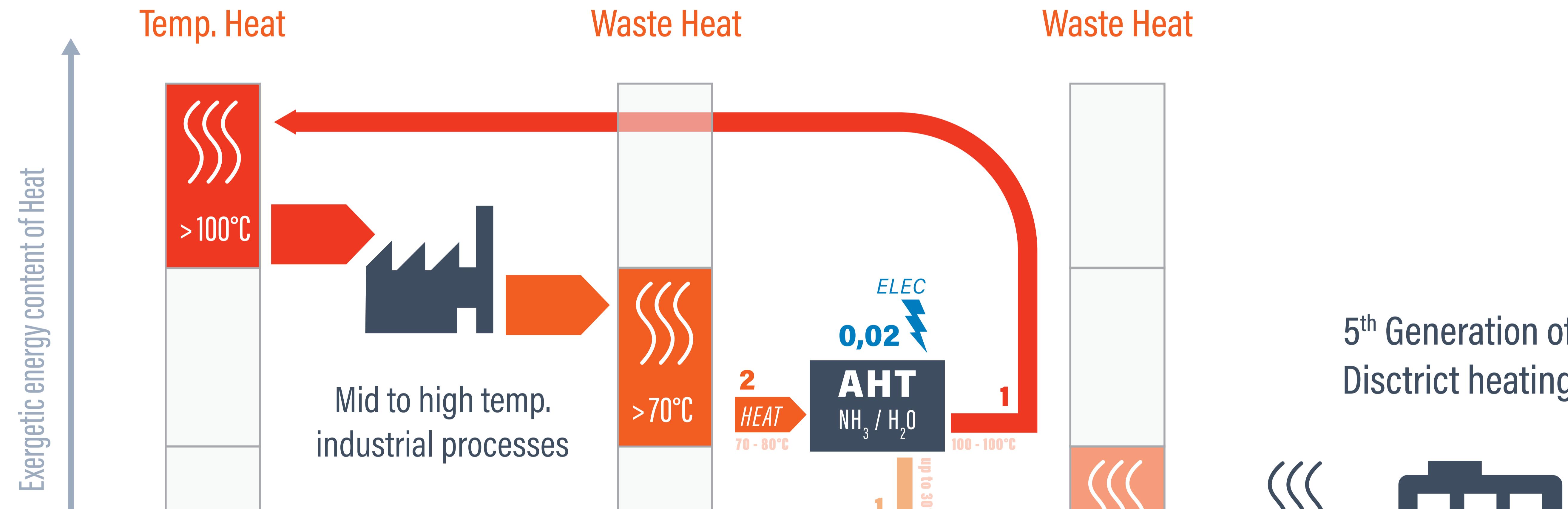


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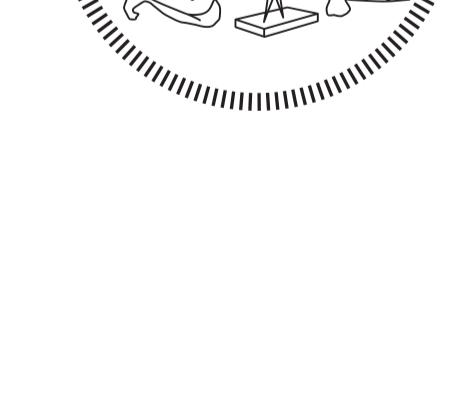


**ZIMBA is developing an innovative heat pump system based on an Absorption Heat Transformer (AHT) using ammonia/water refrigerant. Operating at 15 kW (thermal), it delivers industrial heat from 110 °C, scalable to 130 °C. An integrated ejector boosts flexibility across applications. By upgrading low-grade waste heat, ZIMBA helps decarbonize energy systems and supports renewable energy integration.**



Example of possible integration of the ZIMBA AHT into a circular heat system to reach out a total valorization of the exergy content from mid temperature process

**ZIMBA** partners



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AMIRE



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