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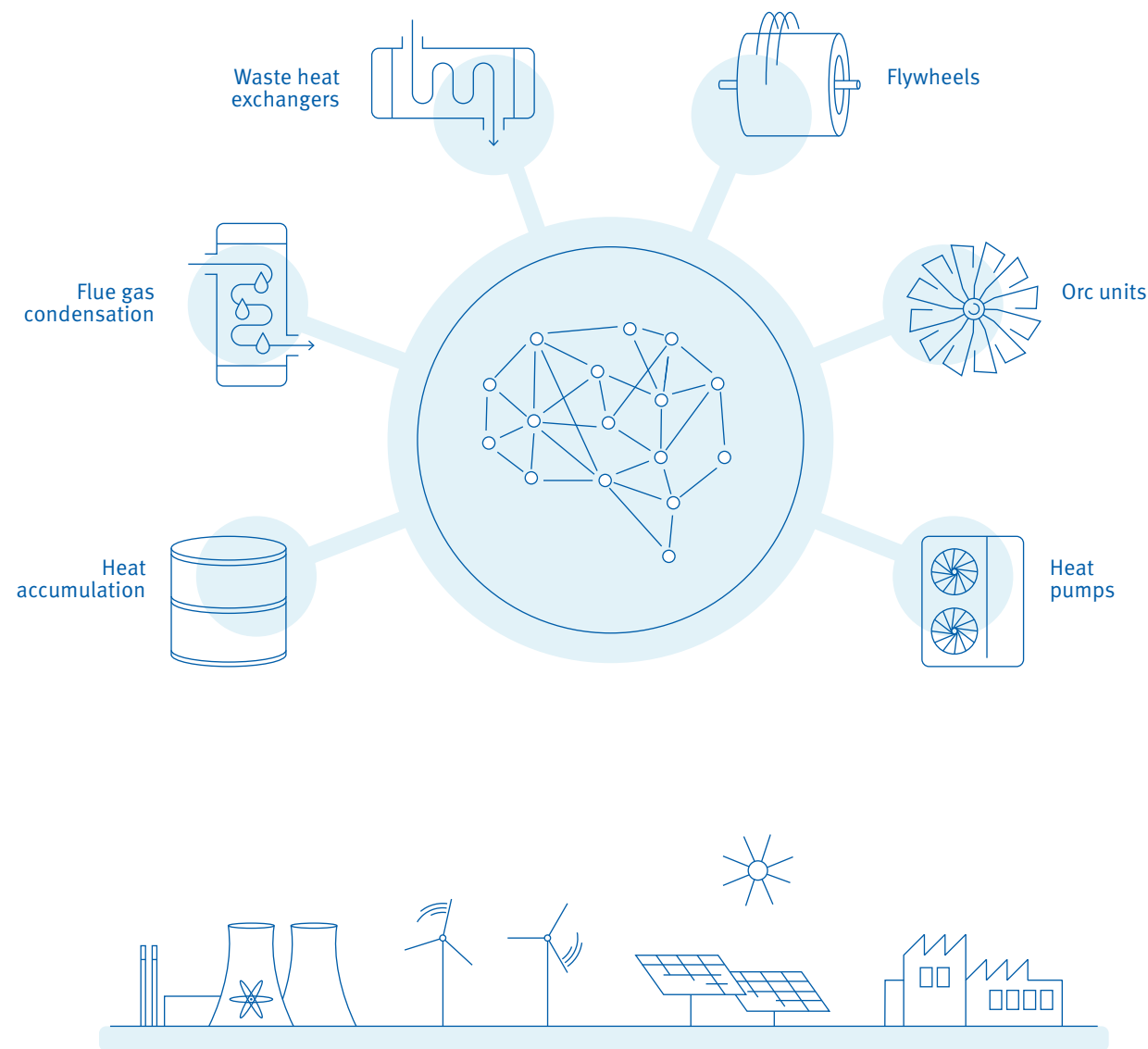
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Business Drivers

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Integration of technologies to improve energy cycle



Energy Solutions for a sustainable future

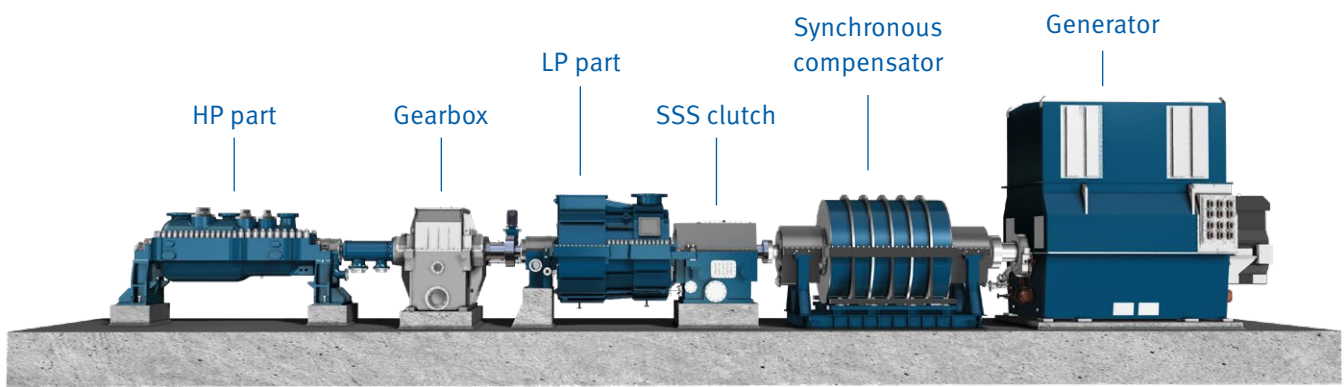
Innovative energy systems are moving the boundaries of usable energy to new levels. They provide flexibility, revenue diversification and synergy between different energy sources, while reducing dependence on fossil fuels and exploring acceptable solutions and alternative energies.

- 1

Carnot batteries systems
Accumulation of energy from renewable sources in the form of thermal storage ("molten salt", "oil", etc.) for subsequent production of electricity and heat.
- 2

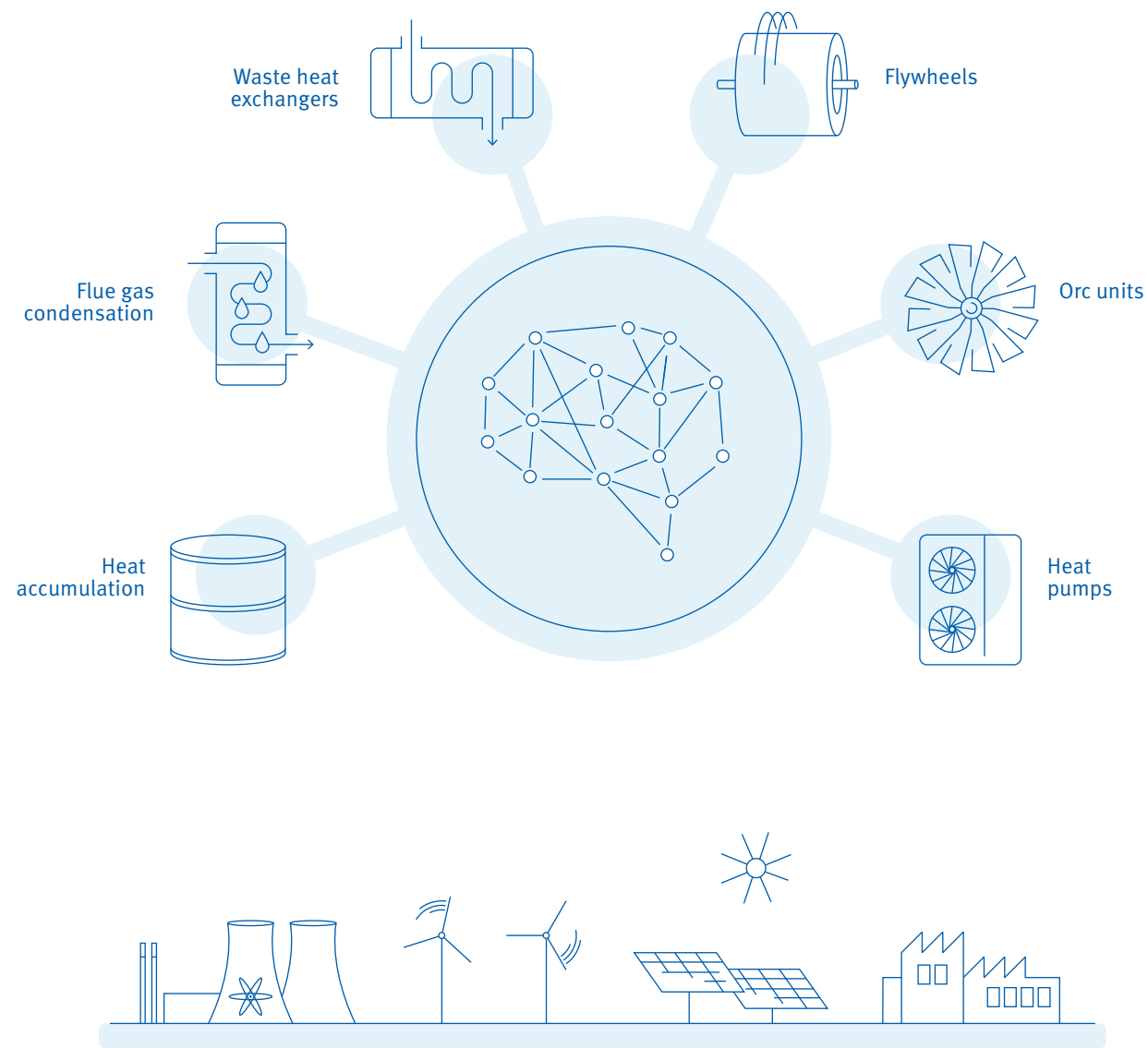
LAES / CAES or CO₂ based storages
Storage of energy from renewable sources in form of compressed (CAES) or liquefied (LAES) gases with high roundtrip efficiency.
- 3

Battery storage
Battery storage is designed as an extension of an existing power source, equipped with advanced control and diagnostic systems and protection features, and aimed at suppressing negative effects such as slow response to power changes.



Air turbine – 50 MW

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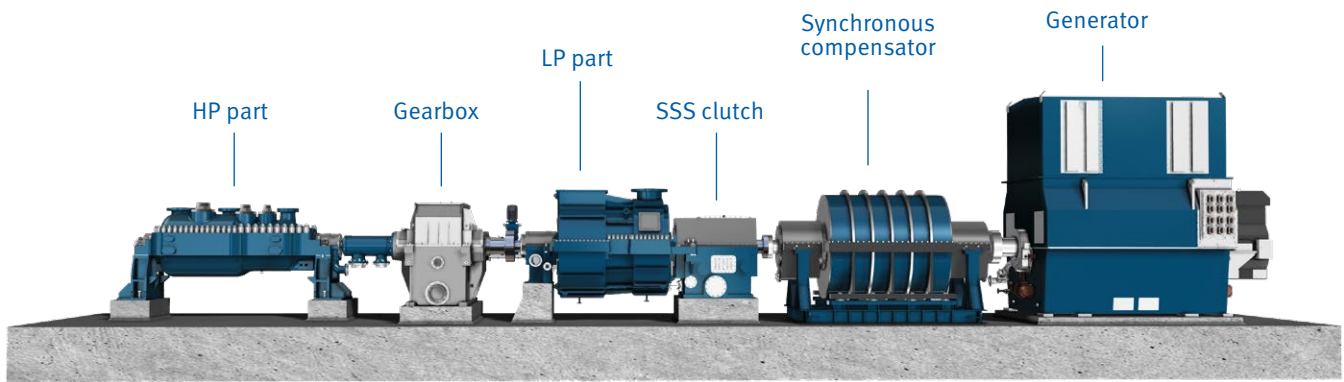
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