

Green Heat

Towards decarbonisation of Industry

You want to:

- Decarbonise your operations and processes
- Gain competitiveness (CO₂ taxes)
- Stabilize energy prices (not depending on commodities fluctuations, such as gas or oil)
- Ensure supply security & visibility
- Be recognized as a brand
- Valorise waste heat

You are active in:

- Food & Beverage
- Pulp & Paper
- Minerals
- Alumina
- Iron & Steel

John Cockerill's Integrated Energy Systems are the Solution!

We offer:

- A tailor-made solution using renewable power (site co-located or through a grid PPA) with built-in storage (to manage price fluctuations and operations demand) and steam generation or simply heat supply
- Storage adapted to temperature levels: molten salt for medium temperatures and solid solutions for high temperatures
- Hybrid solutions combined with other technologies, such as heat pumps or stand-alone Concentrated Solar Power (CSP)



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Market Applications

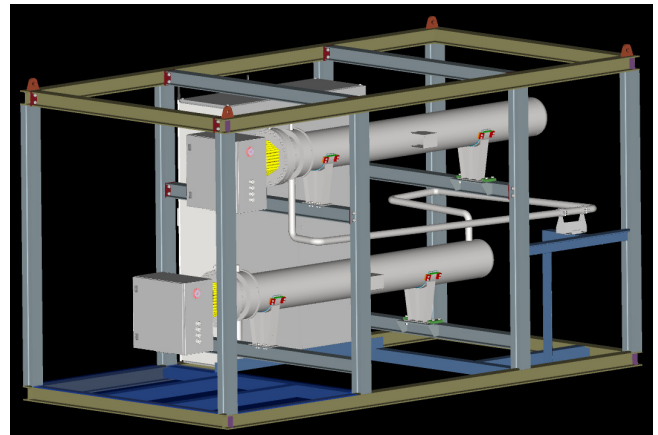
- Markets with legislation or targets in place regarding CO₂ abatement in industry
- Companies with strong corporate policies or targets towards CO₂ reduction
- Markets with high or volatile fossil fuel energy prices
- Industries with usable waste heat

Your Benefits

- CO₂ abatement
- Price volatility
- CO₂ tax or carbon credits improvement
- Levelized cost of heat (LCOH) improvement
- Brand recognition

Key Features

- Co-location of CSP, photovoltaics or wind
- Electrical heater
- Storage using molten salts or ceramics
- Steam generators



Our Approach

John Cockerill and its business partners assess the needs of the application and suggest the best configuration during the development phase. During the project implementation, a seamless team delivers the project on a turnkey basis.



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