

Magic potion? Yes!

Air-based Solar Thermal Electricity for Efficient Renewable Energy Integration & Compressed Air Energy Storage

4

Years

Oct 23 - Sept 27

7.2

M€ Budget

Novel high-efficiency solar thermal power plant

Integrated electricity storage solution

Combination of air-based central receiver CSP and Compressed Air Energy Storage

Main impacts



Higher share of variable output renewables



Higher efficiency of CSP plants

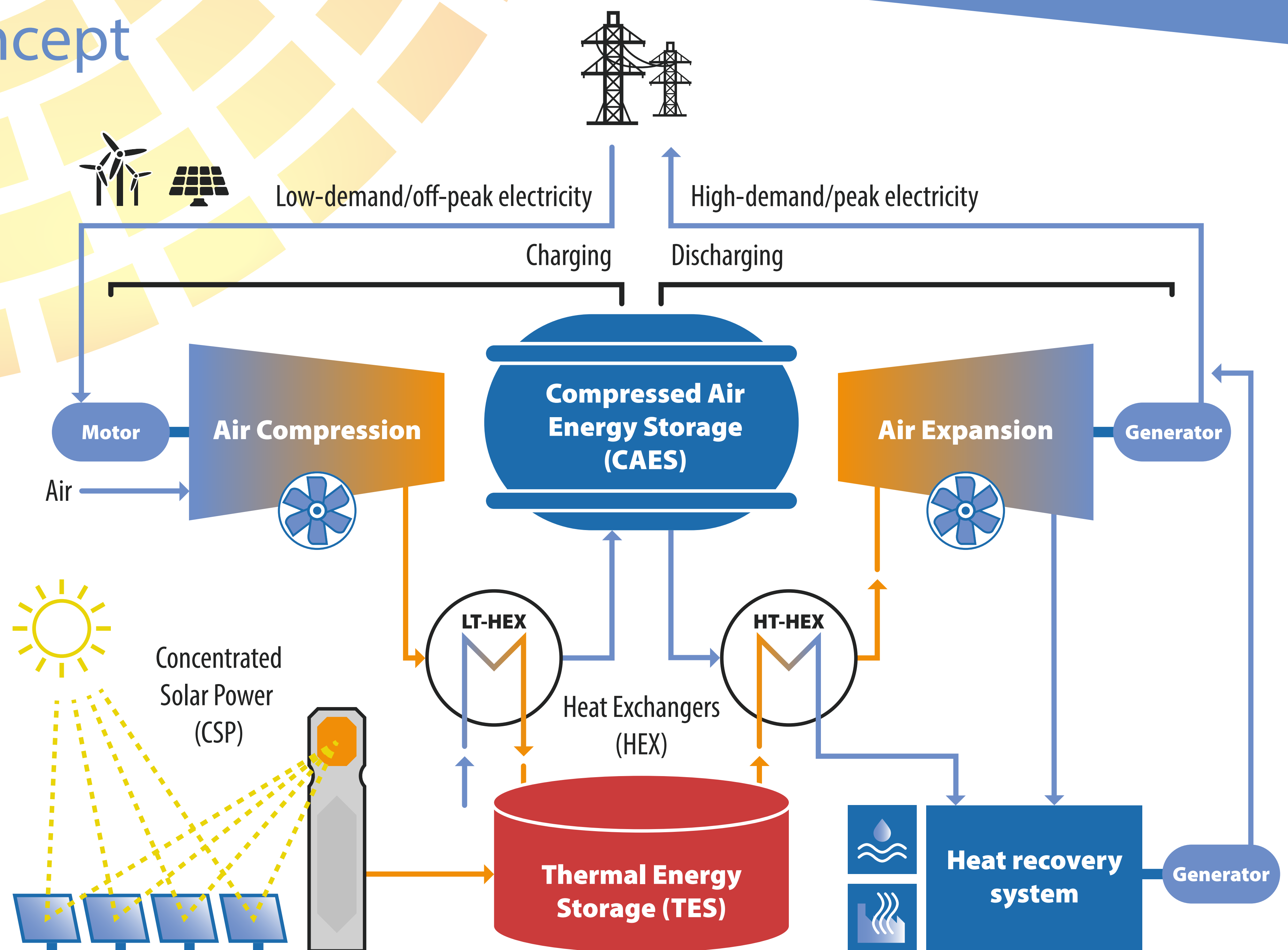


Reduced operation and maintenance costs of CSP plants



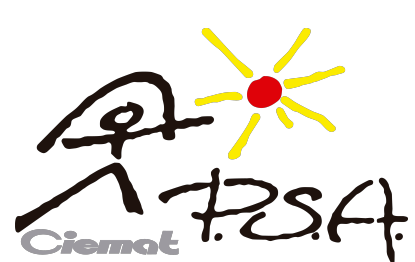
Achieving EU targets for Global Leadership in CSP

Concept



CENER

NATIONAL RENEWABLE ENERGY CENTRE



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