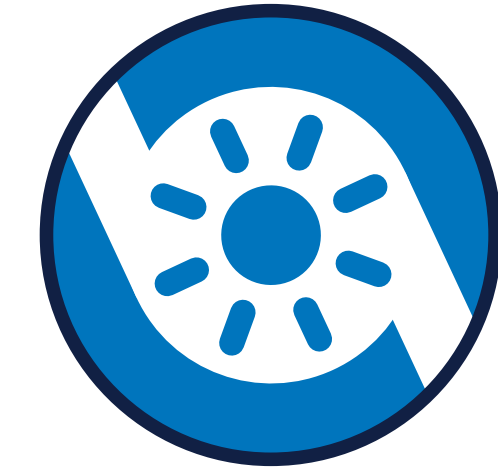
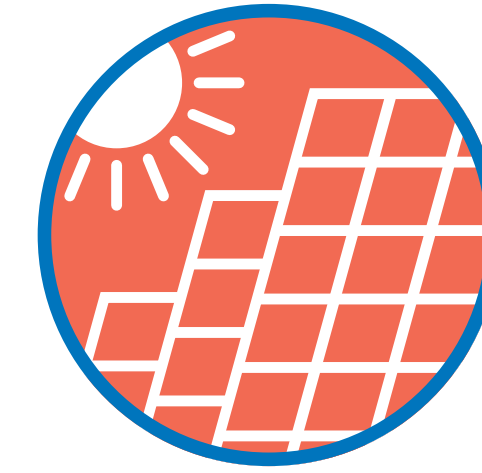




Sustainable Energy Solutions AB

A global company within large scale energy storage solutions

- Pioneer in renewable energy production and storage
- Cutting-edge expertise in large scale project development, system design and project management
- Develops sustainable energy projects for large energy consumers such as municipalities, industries and for
- Industrial and financial investors in the energy market



20+ Years

80+ Projects

8 Project Developments



As members of the LDES Council, SENS is involved in shaping the conditions in the global market for energy storage



The LDES Council: February 1, 2022

SENS – Energy Cluster a Trinity

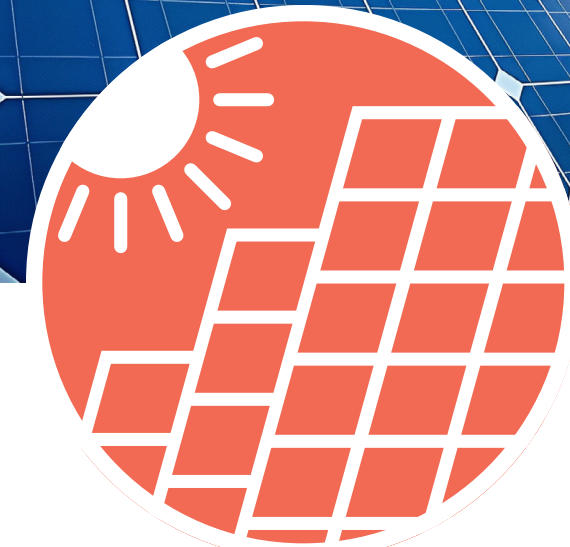
**Underground Pumped Hydro Storage
(UPHS)**



**Battery projects
(BESS)**



**Solar power projects
(PV)**



SENS' scope of expertise:

Project developer with EPC capabilities

Project development and feasibility analysis

- > Project rights, EIA, land lease and grid
- > Technical feasibility analysis
- > Permit process & stakeholder analysis

Engineering, Procurement, Construction

- > Engineering, System design
- > Procurement
- > Construction

Project realisation

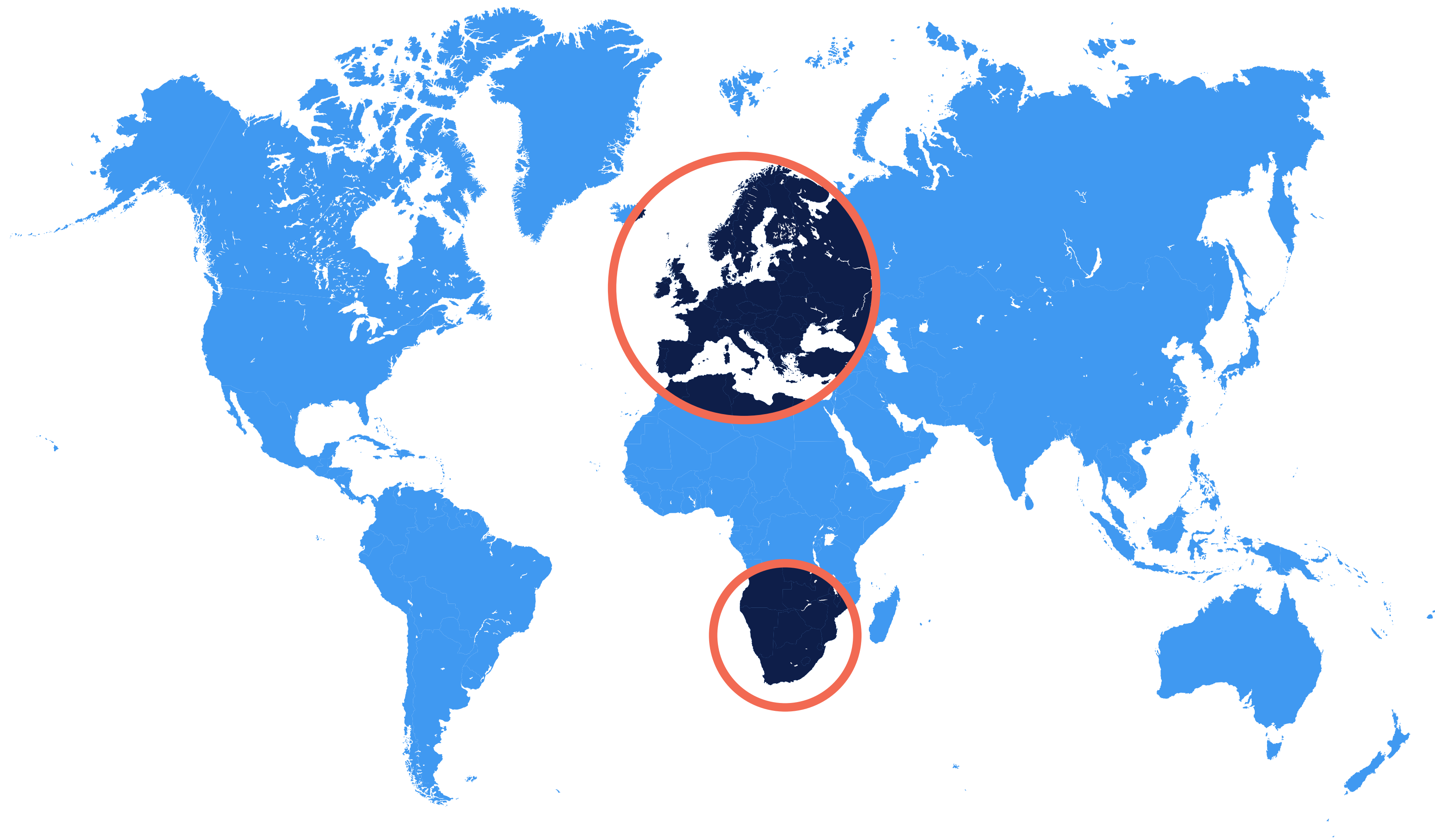
- > Project management
- > Project finance; Equity, Debt
- > PPA

Project data management

- > Service contractor to investor:
Operational data analysis and
technical management



Building a global portfolio of project development



Portfolio of projects under development

SWEDEN

BESS: +12 projects (+ 510 MW)

Solar: +5 projects (+160 MW)

Mines: +5 projects

INTERNATIONAL MARKETS

Spain (Iberian hub)

UK & Ireland

Finland

Australia

Moldavia

Poland

South Africa

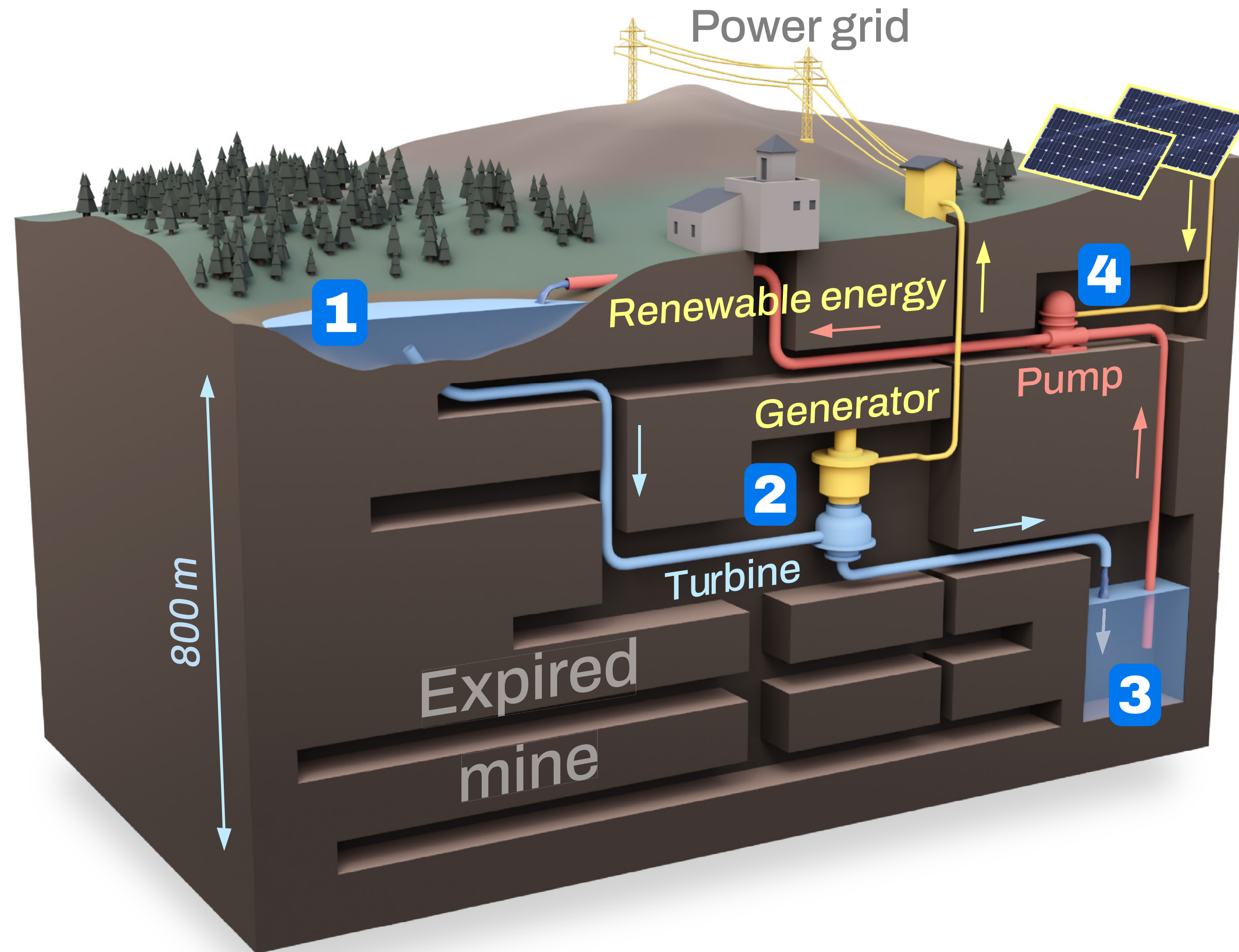
Czech Republic

Romania

Åland

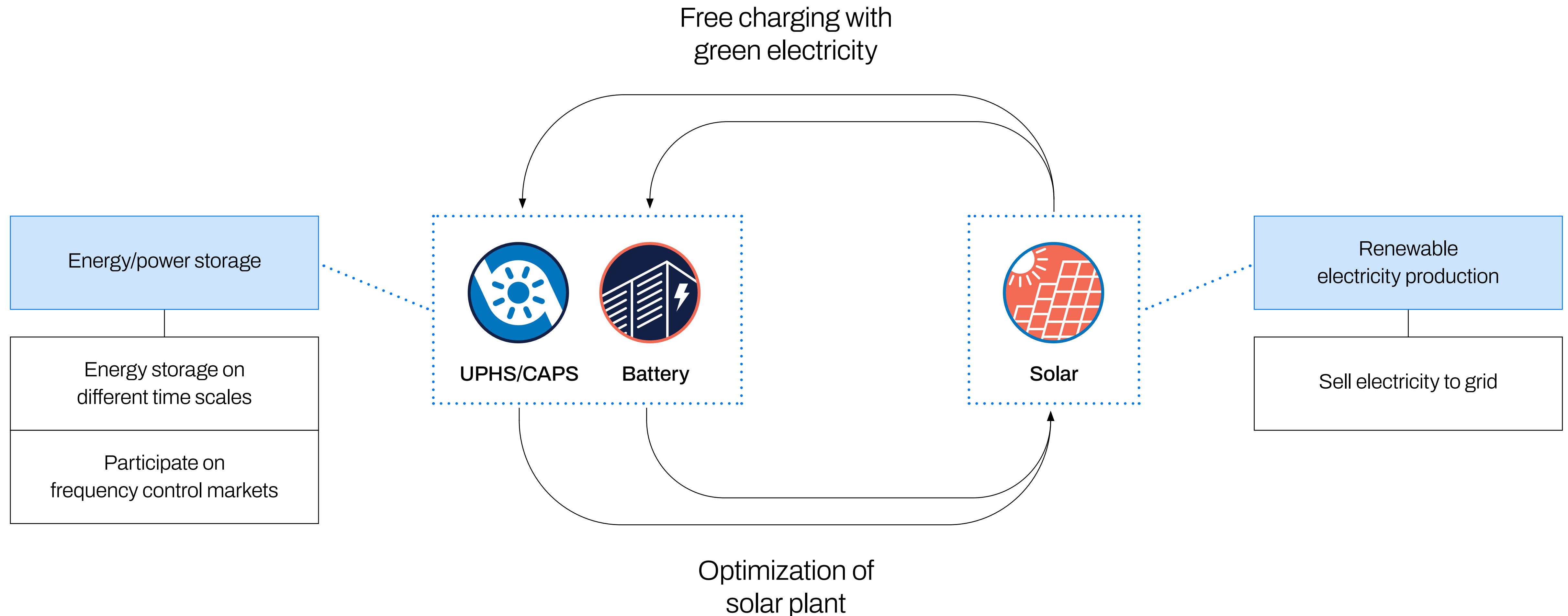


UPHS - Large-scale long-term energy storage



- 1** Water is taken from a reservoir above ground
 - 2** A turbine in the mine generates electricity as water passes through
 - 3** The water is emptied into an underground reservoir ...
 - 4** ... to then be pumped up to the surface again with excess electricity
- !** UPHS works for 7-8 hours straight, unlike batteries that are drained in 1-2 hours.

Several synergies by combining the three technologies





Sustainable Energy Solutions Sweden Holding AB

ticker **SENS** @ NGM stock market

Birger Jarlsgatan 58, 114 29 Stockholm
Sweden

www.sens.se
info@sens.se

