

Advancing *Long Duration Energy Storage*

AVANGUARD is developing a free, open-source digital platform to help energy stakeholders plan, assess and optimise Long Duration Energy Storage (LDES) across Europe.

What AVANGUARD *will change*



For the energy system

Accelerate LDES penetration in the EU **energy system** by supporting evidence-based investment decisions and renewable energy integration.



For policy and regulation

Provide practical inputs on LDES barriers, opportunities, regulatory roadmaps and replication pathways.



For society and climate

Support the EU's clean energy transition by improving grid reliability, reducing system costs and enabling higher shares of renewables.

AVANGUARD *at a glance*

€6.998M

Project budget

30 partners

13 countries

DTU

Coordinator

48 months

June 2026

–May 2030

Horizon
Europe

Programme

101269474

Grant

Agreement

Learn more & follow AVANGUARD's *progress*



@AVANGUARD Project



avanguardproject.eu

Together *we unlock* Europe's LDES future

