

Solar Storage Container Solutions

EU Energy Storage Projects



Overview

What is Europe's most comprehensive energy storage archive?

The report, now in its ninth edition, compiled by the European Association for Storage of Energy (EASE) and LCP Delta tracks over 3,000 energy storage projects from over 27 countries to claim the moniker of the most comprehensive archive of European storage.

How many energy storage projects are there in Europe?

The goal is to list all planned and operational energy storage projects in Europe by location and technology. The dashboard can be filtered by country, project status and technology. It lists 32 countries and is led by Germany, with 472 projects. It is followed by the United Kingdom (455 projects), Spain (147 projects) and Italy (112 projects).

How many battery energy storage systems were installed in Europe in 2024?

21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record breaking-installations, and bringing Europe's total battery fleet to 61.1 GWh. However, the annual growth rate slowed down to 15% in 2024, after three consecutive years of doubling newly added capacity.

Why is energy storage important in the EU?

It can also facilitate the electrification of different economic sectors, notably buildings and transport. The main energy storage method in the EU is by far 'pumped hydro' storage, but battery storage projects are rising. A variety of new technologies to store energy are also rapidly developing and becoming increasingly market-competitive.

How big is Europe's energy storage capacity?

The European Market Monitor on Energy Storage reveals rapid expansion in energy storage capacity in Europe, reaching 89GW by the end of 2024.

How big is Europe's energy storage capacity in 2024?

This report highlights Europe's rapid expansion in energy storage capacity, which reached 89 gigawatts (GW) by the end of 2024. In 2024, EASE has been instrumental in shaping policies for the evolving energy storage sector.

EU Energy Storage Projects



Europe installed 12GW of energy storage in 2024

Apr 1, 2025 · The report summarises historical activity, key takeaways, analysis and forecasts on the future direction of Europe's energy storage markets. It found that last year, ...

Enabling energy storage projects

Dec 11, 2023 · 4. Energy storage and energy transition As European countries strive to transform their energy systems, policymakers, regulators, and energy sector planning agencies are ...



New EU Tool Tracks Real-Time Energy Storage Across Europe

Jun 18, 2025 · Developed as part of the REPowerEU Plan, the platform is the first at European level to map all forms of clean energy storage technologies. It offers a comprehensive view of ...

New EU Platform Highlights Over 1771 Energy Storage Projects

The European Energy Storage Inventory, developed by the Joint Research Centre (JRC) of

the European Commission, is a new interactive platform that maps and analyzes over 1771 energy ...



EU launches EUR4 billion funding for clean energy ...

Nov 23, 2023 · The EU has launched a grant funding opportunity worth EUR4 billion for upstream and downstream clean energy projects, including energy storage.

Database of the European energy storage technologies and ...

Aug 14, 2025 · Explore the database of European energy storage technologies and facilities, featuring detailed information on projects, technologies, and advancements in energy storage.



Europe's energy storage fleet reaches 89 GW

Apr 1, 2025 · The fleet of energy storage projects in Europe, including both pumped hydro and battery energy storage systems of all sizes, is expanding rapidly. This growth is set to continue ...



How EU Funding is Driving Energy Storage Innovation

Nov 2, 2021 · Investment in research is key in driving innovation in storage sector. EASE, as the voice of the energy storage industry, is an active contributor of the design of upcoming funding ...



The European Association for Storage of Energy

EASE is actively shaping the legal and R&D funding framework for energy storage at EU level. Members gain direct influence in the European decision-making process. Members benefit ...

The changing shape of European energy storage ...

Nov 26, 2024 · Notably, the UK accounts for more than half the project pipeline by capacity - Germany has nearly as many projects planned, but smaller projects ...



Europe installed 12GW of energy storage in 2024

Apr 1, 2025 · A total of 11.9GW of energy storage across all scales and technologies was installed in Europe in 2024, bringing cumulative installations to 89GW. According to the ninth annual ...

New report: European battery storage grows 15% in 2024, EU energy

May 7, 2025 · 21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record breaking-installations, and bringing ...



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