

# Which European site has the most energy batteries

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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.

What is Europe's largest battery energy storage system?

While these projects boast massive planned capacities, the largest active BESS in Europe is now the first 400 MWh phase of ENGIE's 200 MW / 800 MWh system in Vilvoorde, Belgium, which has officially gone live. Sungrow and ENGIE bring Europe's largest battery energy storage system online in Belgium with the completion of its first 400 MWh phase.

Which energy storage technology is the most popular in Europe?

Pumped hydro is the most widely used technology for energy storage in Europe and worldwide, but batteries and hydrogen have come into the spotlight over the last decade as a recent trend in the energy storage market.

Which country has the largest battery market in the world?

Germany maintained its leading role despite a drop in residential installations and the slow uptake of larger batteries. Italy's home battery segment also decreased, but the large-scale segment's capacity surge brought the market to new heights.

May 7, 2025 &#0183; European battery storage installations set a new record in 2024 with 21.9 GWh added, bringing total capacity to 61.1 GWh despite a ...

Oct 27, 2025 &#0183; Discover the largest planned and under-construction battery energy storage projects in Europe as of mid-late 2025.



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