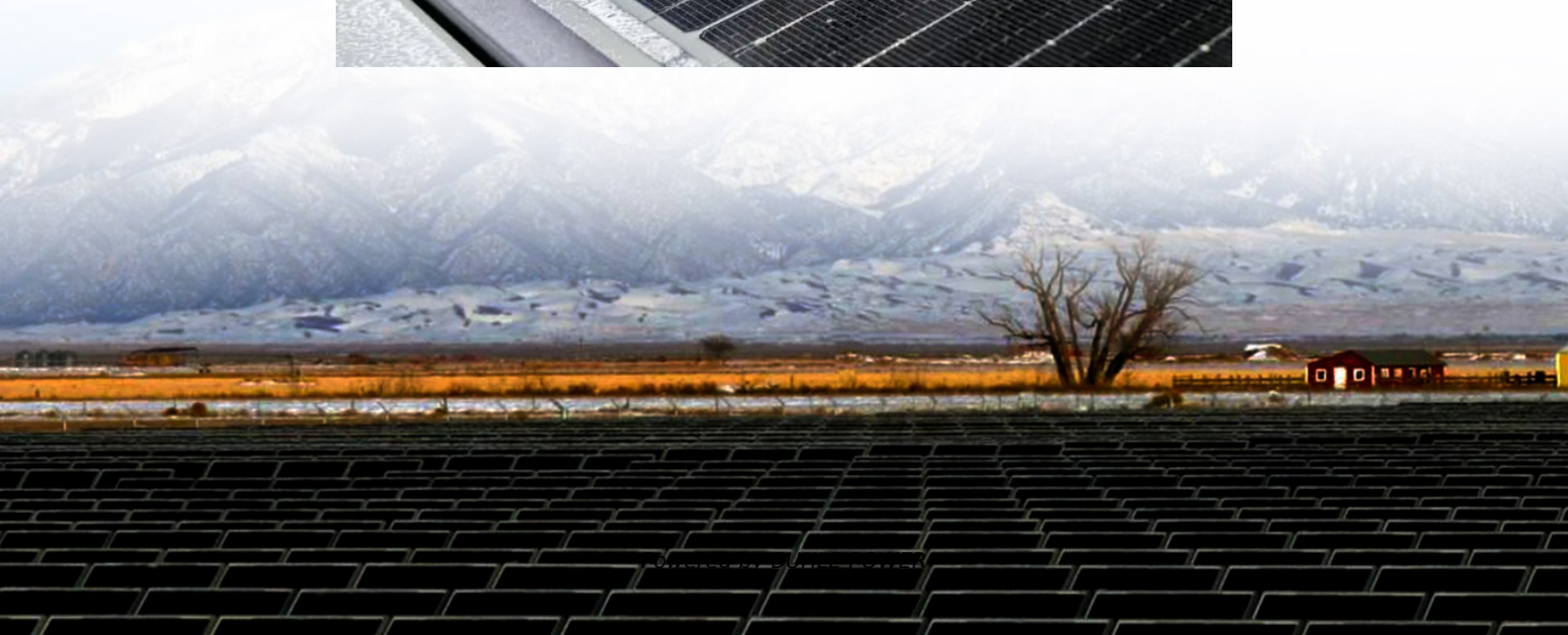


# **Battery energy storage project construction in Western Europe**





## Overview

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Where is the largest battery energy storage system in Europe?

The largest battery energy storage system in mainland Europe has gone live in Belgium, as Sungrow and ENGIE completed the first 400MWh phase of the 200MW/800MWh Vilvoorde project. Project: ENGIE Vilvoorde Battery Energy Storage System Capacity: 200MW / 800MWh (400MWh Phase 1 online)  
Location: Vilvoorde, Belgium.

What is the European energy storage inventory?

The European Energy Storage Inventory comprises operational, under construction, permitted, and announced energy storage projects across Europe. A real-time dashboard for energy storage also includes their locations and technologies – chemical storage, electrochemical storage, mechanical storage, and thermal storage.

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 battery storage important for Belgium's energy transition?

Upon completion of the second 400MWh phase by the end of 2025, the entire installation will be providing clean, stable power for about 96,000 homes and helping stabilize Belgium's power grid. Battery storage is one of the most vital, yet too often overlooked, pieces of the energy transition jigsaw," said Moritz Rolf, Sungrow Europe Vice President.



## Battery energy storage project construction in Western Europe

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### [List of Operational \(Completed\) Battery Energy Storage ...](#)

Search all the commissioned and operational battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Western Europe Region with ...



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8 hours ago · Germany continues to lead Europe's battery energy storage market, with 18 GW of utility-scale demand and 8 GW from commercial and industrial applications over the next decade.





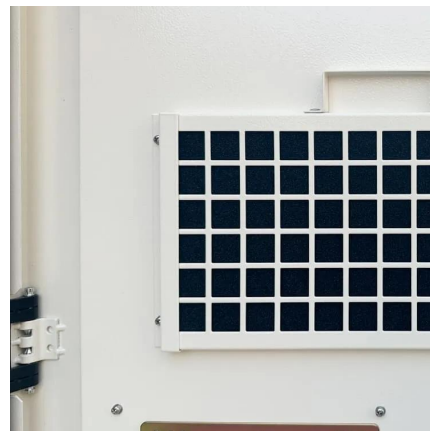
### [Europe's Battery Storage Additions Set for 45% Jump in 2025](#)

13 hours ago · Europe's battery storage sector is entering a period of rapid scale-up, with annual deployments set to climb from 11 GW in 2024 to 16 GW in 2025, a 45% year-over-year ...



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As of November 22 2025, both phases of the largest battery storage system in Europe have been completed and with the second phase awaiting commissioning.. The company is also building ...



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### [Sungrow and ENGIE complete first 400 MWh of Europe's largest battery](#)

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