

# The first gravity energy storage project in Southern Europe

Apr 26, 2023&ensp;&#0183;&ensp;Gravitricity and Energy Vault have progressed their gravity energy storage solutions, with project updates in USA/Germany and China.

Feb 7, 2024&ensp;&#0183;&ensp;Energy storage company Gravitricity from the UK will soon begin transforming the world's deepest mine into the first gravity battery, reported Interesting Engineering on January ...

Feb 5, 2024&ensp;&#0183;&ensp;Edinburgh-based startup Gravitricity is set to turn one of Europe's deepest mines into the continent's first-ever gravity energy ...

Sep 10, 2025&ensp;&#0183;&ensp;The energy transition in Europe requires not only investment in renewable energy sources but also in innovative storage solutions. One of the most promising initiatives is ...

Aug 12, 2024&ensp;&#0183;&ensp;Energy Vault and Carbosulcis announce 100MW gravity energy storage project at coal mining site in Sardinia (Photo: Business Wire) On the Italian island of Sardinia, Energy ...

Aug 5, 2024&ensp;&#0183;&ensp;The 100 MW energy storage system will be owned and operated by Energy Vault, and is key to increasing the local use of renewable energy in Sardinia while accelerating the ...

Feb 13, 2024&ensp;&#0183;&ensp;One of Europe's deepest mines is being transformed into an underground energy store. It will use gravity to retain excess power when it is needed. The remote Finnish ...

Mar 10, 2022&ensp;&#0183;&ensp;Analysts at Imperial College calculate such a system will offer long duration energy storage at a lower levelized cost than alternative technologies, including lithium ion batteries. ...

Feb 15, 2024&ensp;&#0183;&ensp;The GraviStore gravity energy storage system (GESS) is the first commercial-scale deployment of such technology in an underground mine. The GraviStore system raises ...

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Sep 10, 2025&ensp;&#0183;&ensp;The energy transition in Europe requires not only investment in renewable energy sources but also in innovative storage solutions. One ...

Aug 27, 2024&ensp;&#0183;&ensp;The installation of the first modular elements is scheduled for September

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2024, while the testing of the underground component of the ...

How does gravity energy storage work? The firm's technology works by raising weights in a deep shaft and releasing them when energy is required. The technology is similar to that employed ...

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