

Italian climate startup Energy Dome, which has developed a "CO₂ Battery" for storing renewable energy, has closed a EUR40 million (~\$44 million) Series B round -- bringing the total raised ...

Cleantech-Startup bringt CO₂-Batterie zur Langzeitspeicherung. Finanzierung für größeres Projekt steht. Das italienische Cleantech-Startup Energy Dome arbeitet an einem Langzeitspeicher der besonderen Art: Im Mittelpunkt des Stromspeichers steht komprimiertes CO₂ nn das Gas wird bei Komprimierung unter Freisetzung von Wärme flüssig.

Milan, Italy (October 19, 2023) - Energy Dome is delighted to announce a collaborative partnership with MAN Energy Solutions, a renowned provider of technology solutions in the energy sector. The two companies have formalized their commitment through a Memorandum of Understanding (MOU) for a non-exclusive collaboration, signifying an ...

Italian startup Energy Dome has launched the first demonstrator project of its carbon dioxide-based energy storage solution, a 4MWh system in Sardinia, Italy, while also revealing Series B plans. The 2.5MW/4MWh CO₂ ...

In parallel, the construction of Energy Dome's first-of-a-kind standard CO₂ Battery plant in Sardinia, Italy, is also proceeding at full speed. The Sardinia plant's completion is expected by the end of Q1 2025 after reaching full notice-to-proceed at the end of 2023, representing Energy Dome's capability to deliver on a short lead time basis.

DUBAI - 1 December 2023 - Today, at COP28, Energy Dome has announced funding commitments for its first CO₂-based and innovative thermo-mechanical energy storage system to be located in Sardinia, Italy. Funding will be in the form of a project-level grant commitment of up to EUR35,000,000 from Breakthrough Energy Catalyst and EUR25,000,000 Venture Debt financing [...]

Nell'aprile del 2022, Energy Dome è stata tra i vincitori del concorso tecnologico Bloomberg New Energy Finance (BNEF) Pioneers 2022, che individua le innovazioni più originali e di maggiore impatto sul progresso dell'economia a basse emissioni di carbonio. La CO₂ Battery le ha permesso di vincere il premio nella categoria "fornitura di energia a zero emissioni e a ciclo continuo", per ...

Identical to Energy Dome project currently in construction in Italy. Energy Dome, to date, has delivered one 2.5MW/4MWh commercial-scale demonstrator project in Sardinia, Italy, which went online in 2022. It is currently building another system in Sardinia which is of the same sizing as the Wisconsin project. Energy Dome said that the 200MWh ...

The company is headquartered in Lonate Pozzolo, Lombardy, Italy. Energy Dome Press Mentions. Stay in the know about the latest news on Energy Dome. Energy storage plant and process ... These investments are made available by existing Energy Dome shareholders who sell their shares on our platform. Typically, these are early employees who ...

The combined investment is an endorsement of Energy Dome's ready-to-be-deployed, long-duration energy storage proposition. The project, located in Sardinia, Italy, will use a standard frame 20-megawatt/200 megawatt-hour CO₂ battery, which can supply energy to the grid for 10 consecutive hours.

The new investment commitments total EUR60 million (US\$65.37 million) and will be used towards Energy Dome's first 10-hour duration commercial project, which will be 20MW output with 200MWh storage capacity in Sardinia, Italy.

A 2.5MW / 4MWh demonstration system using novel energy storage technology based on a "carbon dioxide battery" has begun construction in Sardinia, Italy. The CO₂ battery technology has been developed by Energy Dome, a Milan-headquartered company founded by technologist and entrepreneur Claudio Spadacini and incorporated two years ago.

2 ???· We congratulate Energy Dome and ENGIE on the milestone achieved today, which will contribute to Italy's national climate and energy goals. This announcement demonstrates the important and tangible impact of the EU-Catalyst partnership in supporting green technologies that will decarbonise our economies while strengthening competitiveness."

Energy Dome says its first full-size plant is expected to be up and running before the end of 2023, that it's already sold plants in Italy, Germany, Africa and the Middle East, and that it's ...

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1 ??· Energy Dome's first full-scale CO₂ Battery (rendering) in Ottana, Sardinia, Italy. Image by Energy Dome (energydome) The 20-MW/200-MWh CO₂ Battery unit in Ottana, Sardinia ...

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