

The Energy Dome Advisory Board currently accounts with leading professionals in the energy sector who, in addition to giving important support to company growth, contribute to the prestige and national and international credibility of the company: Ennio Macchi: Professor Macchi is Emeritus Professor at Politecnico di Milano ...

US utility company Alliant Energy has moved forward with a long-duration energy storage (LDES) project based on Energy Dome's carbon dioxide-based (CO₂-based) technology. Alliant Energy said last week (14 ...

Provider of long-duration energy storage completes convertible funding round co-led by CDP Venture Capital Sgr and Barclays and joined by Novum Capital Partners, ahead of planned Series B round. MILAN (June 28, 2022) - Energy Dome, a leading provider of utility-scale long-duration energy storage solutions, today announced the successful closing of an \$11 ...

With the launch of their commercial demonstration facility in Sardinia, Italy, Energy Dome's energy storage technology is ready for market. MILAN (June 8, 2022) - Energy Dome, a leading provider of utility-scale long-duration energy storage, today announced the successful launch of its first CO₂ Battery facility in Sardinia, Italy. This milestone marks the ...

The Innovative Long-Duration Energy Storage Solution Provider Gets (Yet Another) Prestigious Award Milan - January 23, 2024 - Cleantech Group, a leading authority on sustainable innovation, has announced Energy Dome as the Company of the Year for Europe & Israel in the prestigious 2024 Global Cleantech 100 awards. This recognition celebrates ...

Energy Dome and renewable energy leader Ørsted will work together to explore possibilities to deploy one or more "CO₂ Battery" long-duration energy storage plants to support Ørsted's renewable energy projects in Europe MILAN, Italy and FREDERICIA, Denmark (September 27, 2022) - Energy Dome announced today a memorandum of understanding ...

Energy Dome is an emerging technology leader in the long-duration utility scale Energy Storage space. It has developed an innovative solution to store electric power by liquifying CO₂ and holding it in its liquid form until the power is needed, at which point the liquid CO₂ is expanded back into its gaseous form through a turbo-expander, which ...

The engineering team guided by Mr. Claudio Spadacini, founder and CEO of Energy Dome is building a 2.5MW/4MWh first of a kind energy storage facility in Sardinia, Italy, expected to be launched in early 2022. The plant, with a size of ...

Energy Dome offers the CO₂ Battery to the market both as a technology supplier (Original Equipment Manufacturer) and under an "Energy Storage as a Service" or Build-Own-Operate (BOO) business model. After the recent launch of the latter, we are already developing several projects in Italy, the United States, Chile, Ireland, and Australia. ...

The Cayman Renewable Energy Association's (CREA) mission is to accelerate the adoption of clean energy to ensure the social, economic and environmental sustainability of the Cayman Islands. Formed in 2015, CREA is a non ...

The partners have signed a memorandum of understanding that includes an option to develop multiple 20MW/200MWh of Energy Dome's energy storage units -- potentially starting construction of the first project at an ...

The U.S. Department of Energy announced Sept. 22 that 15 projects nationwide would receive grants from a \$325 million fund through the Office of Clean Energy Development, part of President Joseph ...

Long-duration energy storage innovator solidifies industry partnerships as it expands its global footprint . MILAN - July 20, 2023 - Energy Dome, the company behind the CO₂ Battery(TM), the innovative long-duration energy storage solution, today announced the close of its second tranche of Series B funding, bringing the overall round to a total of EUR 55 ...

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 [...]

Milan, Italy - 18, July- Energy Dome, a leading developer of innovative CO₂ Battery technology, has secured initial funding from Breakthrough Energy Catalyst, a global initiative dedicated to accelerating the development of climate solutions. This significant milestone marks a crucial step forward in the company's ambitious project to build a groundbreaking CO₂ Battery facility in [...]

The Innovative Long-Duration Energy Storage Solution Provider Open New Office Location in Boston, Massachusetts, USA. Milan - March 8, 2024 - Energy Dome announces the opening of its first USA office in Boston, Massachusetts. This is a transformational milestone for Energy Dome, as it demonstrates its global vision and ambition to decarbonize the world with [...]

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