

European Solar and Energy Storage Solutions

Tunisia energ2 com



Overview

Who is EnerG2?

The Leading Manufacturer of Advanced Materials for Energy Storage EnerG2's advanced carbon materials for energy storage applications are rooted in a deep expertise in polymer chemistry and made relevant by state-of-the-art manufacturing capabilities.

Will Tunisia become a major supplier of green hydrogen to Europe?

Tunisia's Ministry of Industry, Energy and Mines has signed six memoranda of understanding (MoU) with European companies for the production of green hydrogen as the North African country aspires to become a major supplier of the green fuel to Europe.

How much hydrogen does Tunisia produce in 2050?

By 2050, Tunisia plans to produce 8.3 million tonnes of green hydrogen and its derivatives, with 2.3 million tonnes for the local market and 6 million tonnes for export. The total investment is projected to be nearly EUR 120 billion. A major destination for Tunisia's hydrogen exports is Europe.

Where does Tunisia export hydrogen?

A major destination for Tunisia's hydrogen exports is Europe. A joint venture between TotalEnergies and EREN Groupe, together with Verbund in May signed an MoU to study the implementation of a project in Tunisia with an initial capacity to produce 200,000 tonnes of green hydrogen per year for export to Central Europe.

Why is Tunisia pursuing a green hydrogen pipeline?

Tunisia's ambitions are bolstered by Europe's need for hydrogen imports. The governments of Germany, Austria and Italy have pledged support for the construction of the SouthH2 Corridor pipeline, which will transport green hydrogen from North Africa to the these countries. The pipeline is expected to

be commissioned around 2030.

MANUFACTURING

EnerG2 operates a state-of-the-art manufacturing plant in Albany, Oregon. This facility was funded in part by a grant from the United States Department of Energy to accelerate the development of a domestic energy storage materials industry. Current manufacturing capacities allow us to serve all targeted energy storage applications; capacity can



Tunisia's energy infrastructure , African Energy

Revised in November 2024, this map provides a detailed view of the energy sector in Tunisia. The locations of power generation facilities that are operating, under construction or planned are shown by type - including gas and liquid fuels, natural gas, hybrid, hydroelectricity, solar (PV and CSP), wind and biomass/biogas.

EnerG2

EnerG2 has developed laboratory-scale technologies and translated those technologies to commercial-scale manufacturing, all based on finely controlled and ultra-high purity polymer chemistry. This enables the assembly of organic molecules into specific structures and networks to create a customized carbon backbone.



Tunisia signs \$6.5bn green hydrogen investment deal

Tunisia has signed a memorandum of understanding with French company TotalEnergies and Austrian group Verbund to produce green hydrogen (H2V). The first phase of the project, which is expected to cost EUR6



billion (\$6.5 billion), aims to produce 200,000 tonnes of H2V per year, generating 5,000 megawatts (MW) of renewable energy and 2,000MW of

Power 2 X , Tunisia , Energy Central

Power 2 X , Tunisia. Electricity-based fuels, especially hydrogen, are increasingly recognised as a key strategic element for the further progress of the German and European energy transition. This reality is underlined by the "National Hydrogen



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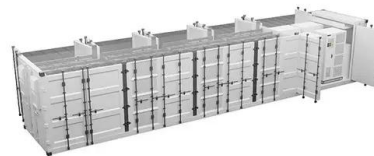


EnerG2

NW NATURAL, ENER2 TO ROAD TEST NEXT GENERATION ADSORBED NATURAL GAS STORAGE TANKS. EnerG2's improved use of polymer chemistry to develop lower cost, very high-performance ANG materials coupled with today's growing NGV market presents a more compelling case to bring high performance ANG tanks to market. [Read More](#)

Accueil

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Panoro Energy Increases Production in Tunisia with Acquisition

Panoro Energy Increases Production in Tunisia with Acquisition. Tuesday, April 18, 2023. Panoro Energy announced that it has entered into an agreement which will see it acquire a stake in five oil field concessions in the region of the city



of Sfax, onshore and offshore shallow water Tunisia, and an 87.5 percent interest in the Sfax Offshore Exploration Permit ...

PLATFORM

The key to EnerG2's capabilities is our proprietary Carbon Technology Platform. Through rapid iteration of carbon morphologies and allotropes, we have identified the characteristics that are the most important to electrochemical storage systems - and the means to produce them at a commercial scale. EnerG2 tailors its carbon production

APPLICATION SCENARIOS



EnerG2 and BASF announce multifaceted partnership

advantages of the Carbon Technology Platform allow EnerG2 to produce best-in-class carbons. The facility is both ISO-9001:2008 (Quality Management System) and ISO 14001:2004 (Environmental Management System) certified. Further information on EnerG2 is available at [Media Inquiries EnerG2](#) Steven Gottlieb

EnerG2 , Advanced Energy Storage Solutions

EnerG2 has deployed advanced polymer chemistry manufacturing to produce advanced materials for a wide variety of energy storage applications. The performance of our engineered materials in energy storage devices has potential

to dramatically change the way the world generates, uses and conserves energy.



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