

The global transition to clean energy necessitates integrated solutions that ensure both environmental sustainability and energy security. This paper proposes a scenario-based modeling framework for urban hybrid energy systems ...

The Fund will focus on high-impact sectors including clean molecules, energy storage, e-fuels, smart mobility, renewables, and green data centers. Image Courtesy: Future Fund Oman

The Oman Investment Authority (OIA) has announced the launch of the Sultanate's first energy transition investment fund, aimed at accelerating clean energy initiatives and supporting the ...

MUSCAT, JULY 27 -- Oman Tank Terminal Company (OTTCO), a subsidiary of the government-owned integrated energy firm OQ, has been officially designated as a "National Champion" for ...

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Developing and utilizing capture and storage technologies for CO<sub>2</sub> has become a critical research topic due to the significant greenhouse effect caused by excessive CO<sub>2</sub> emissions. A ...

The Low-carbon and Smart-energy Innovation Park Solutions market is experiencing robust growth, driven by increasing global awareness of climate change and the urgent need for ...

The energy storage flywheel market, currently valued at \$236 million in 2025, is projected to experience robust growth, driven by the increasing demand for reliable and efficient energy ...

The exploration of phenolphthalein's role in energy dissipative systems is in its early stages, with a growing market potential as energy efficiency becomes increasingly crucial. The technology is still emerging, with varying levels of ...

Oman has launched the Oman Net Zero Centre, a strategic initiative by the Ministry of Energy and Minerals to guide the nation toward its goal of carbon neutrality by 2050. This move underscores Oman's commitment to ...



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