



What is green energy Oman (Geo)?

GEO project is coastal, so transport vessels can be easily filled at ports or via small footprint offshore loading towers. Green Energy Oman (GEO) is one of the most promising clean fuels hubs in the world with the potential to be a leading project in this sector, supplying the globe with green fuels in a decarbonized economy.

How much will a green hydrogen project cost in Oman?

Amnah, the multinational consortium that signed agreements last week to develop a major green hydrogen project in the Sultanate of Oman, estimates investments in the venture to total around \$6 billion at full capacity.

Will Oman become a green hydrogen hub?

Duqm port, Oman. The sultanate aims to produce one million tonnes of green hydrogen annually by 2030. Reuters Oman is quietly positioning itself as a global hub for green hydrogen exports, as many countries in the Middle East turn to the clean fuel as a way to transition to a more sustainable energy future.

What is Oman's green fuels project?

It is a 25 GW wind and solar green fuels facility sited in the southern region of Oman in Al Wusta and Dhofar governorates where it will utilize Oman's natural resources of wind and sun to turn seawater into green fuels: hydrogen, ammonia, methanol, and synthetic fuels.

What's going on in Oman's hydrogen sector?

The biggest game-changer in Oman's hydrogen sector came last year when Hydrom, a state-run company, signed six agreements worth \$51 billion to invest in green hydrogen projects. These were signed with companies from Belgium, the Netherlands, the UK, Japan, Singapore, Germany, India, Kuwait and the UAE.

How is green hydrogen produced in Oman?

Green hydrogen is produced through a process called electrolysis, in which water is split into hydrogen and oxygen using electricity generated from renewable sources. Oman's location, coupled with its abundant solar and wind energy resources and vast land availability, makes it an ideal candidate to produce the low-carbon gas.



"InterContinental Energy is pleased to welcome Shell as the future Operating Partner in Green Energy Oman (GEO). The deep experience and expertise that Shell provides is a major step towards bringing our 25-gigawatt mega project ???



An international consortium comprised of OQ, the Sultanate of Oman's global integrated energy company, InterContinental Energy, the leading dedicated green fuels developer, and EnerTech, a Kuwait government-backed clean energy ???



Green Energy Oman, one of the largest green hydrogen projects proposed in the sultanate, will begin operations in the early part of the next decade
International Edition Podcasts Newsletters ???



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Green Energy Oman takes key project development steps to progress the world leading green fuels project An international consortium comprised of OQ, the Sultanate of Oman's global integrated energy company, InterContinental ???