



Uzbekistan hydrogen energy storage

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Hydrogen is emerging as one of the leading options for storing and potentially transporting energy from renewables over long distances. Uzbekistan set a 25 percent target for renewable energy (solar, wind, and hydro) generation by 2030 and carbon neutrality by 2050.

With hydrogen emerging as a key player in energy storage and transportation, Uzbekistan is keen to harness its potential. The country has set targets, aiming for 25% renewable energy generation by 2030 and ultimately achieving carbon neutrality by 2050.

Bukhara, Republic of Uzbekistan; 29 November 2023: Saudi-listed ACWA Power, the world's largest private water desalination company, leader in energy transition and first mover into green hydrogen, has broken ground on the first phase of a 3,000 tonne-per-year green hydrogen project in Uzbekistan.

The United States Agency for International Development (USAID) has unveiled an initiative to bolster Uzbekistan's clean energy ambitions - the establishment of a Green Hydrogen Hub. Green hydrogen, derived from renewable energy resources, is rapidly gaining traction as a versatile and sustainable energy carrier.

The green hydrogen agreement with Uzkimyosanoat is the first project of its kind in Central Asia. The initial phase, valued around US\$100 million, will be located in Tashkent region and aims to produce 3,000 tonnes per year of green hydrogen for the Uzbek chemicals industry to save up to 20.4 million cubic meters of natural gas annually.

Alerts and Messages for U.S. visitors to Uzbekistan.

U.S. Citizens with emergencies, please call +998 781205450

Outside of Office Hours, contact: +998 781205450

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Lobito Atlantic Railway train carrying mineral cargo to the Port of Lobito (Courtesy of Lobito Atlantic Railway)The U.S. partnership with Angola is bringing major investments in transportation, clean energy and other projects that will further connect the southern African nation to the global economy and increase opportunity.

The United States and G7 partners Italy and the European Union are investing in the Lobito Corridor, a trade



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route that connects Angola's Atlantic Port of Lobito to Zambia and the Democratic Republic of the Congo through a new and refurbished railway, and numerous other projects.

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