

# Burkina faso hydrogen energy storage

What is the energy mix in Burkina Faso?

In 2019, Burkina Faso's energy mix was dominated by biofuels and wastes, with oil products accounting for one-third of the total energy supply. In 2020, 11% of the population had access to clean cooking and only 21% had access to electricity, making Burkina Faso one of the world's least-electrified countries.

Does Africa need a hydrogen port infrastructure?

Africa shows therefore an articulated port infrastructure that could benefit from hydrogen production for the decarbonization of port operations and maritime transport and offer also valuable opportunity for maritime trading of hydrogen in liquid form or through ammonia carriers.

What are the different types of energy transformation in Burkina Faso?

One of the most important types of transformation for the energy system is the refining of crude oil into oil products, such as the fuels that power automobiles, ships and planes. No data for Burkina Faso for 2022. Another important form of transformation is the generation of electricity.

Is there a green hydrogen project in Africa?

Many projects planned in the country target methanol, synthetic fuels, or pure hydrogen for the transport sector. Currently, the only operational green hydrogen project in Africa is in South Africa and produces 600 tons annually with a 3.5 MW electrolysis capacity.

What is Burkina Faso aiming for?

For electricity, the country has a target of 95% access for urban areas and 50% for rural areas by 2030. For clean cooking, Burkina Faso has a universal access target for urban areas and 65% in rural areas by 2030. The target for LPG urban penetration is 68% by 2030.

What is happening in Burkina Faso in 2022?

No data for Burkina Faso for 2022. Another important form of transformation is the generation of electricity. Thermal power plants generate electricity by harnessing the heat of burning fuels or nuclear reactions - during which up to half of their energy content is lost.





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