

What is Alterna energy?

Alterna Energy is a company focused on the manufacturing of biocarbon from products, such as wood, municipal and agricultural waste and tires. Biocarbon, also called biochar or charcoal, is a renewable replacement for coal manufactured for industrial markets. The material is produced from any biomass through carbonization.

How will aspire and rise help the Maldives' energy transition?

World Bank-financed projects ASPIRE and ARISE support the Maldives' energy transition by installing more than 53.5 megawatts of solar capacity and 50-megawatt hours of battery storage. This will reduce Maldives' annual import bill by about \$30 million, with a project lifetime saving of \$756 million over 25 years.

How can the Maldives meet its 2030 net-zero target?

The Maldives has received assistance from the World Bank through two projects to meet its ambitious 2030 net-zero target: the Accelerating Sustainable Private Investment in Renewable Energy (ASPIRE) project, which began in 2014, and the Accelerating Renewable Energy Integration and Sustainable Energy (ARISE) project, which was signed in 2021.

How is the World Bank helping the Maldives achieve net-zero?

The World Bank has been helping the Maldives transition to clean energy and achieve its 2030 net-zero target. The recent signing of an 11-megawatt solar project will see private energy investments deployed in six population centers across the archipelago.

Why should you choose Alterna energy?

ALTERNA ENERGY's team is able to offer competitive pricing while ensuring best in class post-fixture service. We have a rigorous vendor vetting process so to ensure that only the highest quality fuels are delivered to our partners.

Are the Maldives achieving a net-zero energy system?

The Maldives are an example of island countries having one of the most ambitious emissions targets of all island nations, as they aim to reach a net-zero energy system already by 2030.

Together with our partners such as the Government of Maldives and Japan, UNDP's multifaceted approach to energy transition underscores our commitment to fostering sustainability and resilience...

alterna energy draws on solid market relationships, trusted vendors, instant information flows, and global reach to give our partners the optimal energy solutions. whether you need fuel supply in singapore, west africa, or the us gulf, our team of experienced traders are ready to serve.

ALTERNA ENERGY provides a comprehensive service to assist customers with the management of their energy risks, from financial derivatives to physical energy solutions. Working with companies from all sides of the industry - from ...

The Maldives" vision for its energy sector involves the provision of sufficient, reliable, sustainable, secure and affordable energy for its population. This would involve an overhaul of its power sector and a rapid transition towards ...

This article argues that the Maldives must realign these incentives and promote private sector involvement to accelerate investment in renewable energy, thereby achieving fiscal stability and economic resilience. ...

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In this research, two scenarios are studied for the future energy system of the Maldives: A fully renewable energy system with imported e-fuels from the global e-fuel market (100RE-SI) and a fully renewable energy system with domestic production capacities for e-fuels via Power-to-Liquid (PtL) production facilities (100RE-PtL).

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