



Press Release

HEDNO makes the island of Ai Stratis green

HEDNO helps create a green future for Greece by launching another significant project, this time in the island of Ai Stratis, making it energy self-sufficient through the exclusive use of Renewable Energy Sources.

The **"Ai Stratis Green Island"** Special Pilot Project aims at covering electricity and heating demand by exploiting wind and solar energy.

The project was implemented by the Centre for Renewable Energy Sources and Saving (CRES) and HEDNO completed the connection works for commissioning purposes.

Commissioning tests were completed successfully on Saturday, 5 October, meaning that for a duration of 2.5 hours, Ai Stratis was the first autonomous, green energy island in Greece.

Energy is produced by a wind turbine, a photovoltaic station and batteries, also including a central district heating system. For district heating, heat will be stored in thermal storage tanks in order to cover heating needs across the entire settlement of Ai Stratis.

This project, apart from the benefits for the environment and the island's residents will also become a reference point for a series of Renewable Energy Sources high penetration projects at Non Interconnected Islands, such that of Ai Stratis.

Please note that similar initiatives marking the transition to climate neutrality have already been implemented in the islands of Tilos and Ikaria, with a positive impact for the local communities.

You are reminded that the hybrid station of Ikaria is operating since 2019 and combines wind and hydraulic energy, covering a significant percentage of the island's energy needs.



The hybrid station in Tilos is operating since 2018 and features batteries as a storage means. Given that Tilos is part of the Kos - Kalymnos island complex and without a local electricity production plant, in emergency situations, the hybrid plant together with a small diesel generator located on the island, provide the necessary energy for covering local demand.

The implementation of a similar Special Pilot Project is also progressing in Astypalaia, where HEDNO is participating in the green transformation of the Electricity System, all the while a comprehensive electro-mobility plan is further pushing the island's energy transition.

HEDNO supports our national strategy for environmental protection and green growth and implements innovative projects in the Non Interconnected Islands by enhancing and achieving their energy autonomy.

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Press Office