

ContainerPower Energy Solutions

EU Island Solar Power Generation Home Agent



Overview

How can Islander help decarbonise EU Islands' energy systems?

ISLANDER paves the way for the decarbonisation of EU islands' energy systems by demonstrating smart grid solutions combining renewable energy production with storage technologies in real-life settings.

How many inhabited islands are in the EU?

There are 2 400 inhabited islands in the EU. Despite having access to renewable sources of energy, such as wind and wave energy, many of them depend on expensive fossil fuel imports for their energy supply. The Clean energy for EU islands initiative, launched in 2017, provides a long-term framework to help islands generate clean energy.

Who are the major players in European solar development?

Major players in European solar development include Scatec, Lightsource BP, Gresham House, and Aquila Capital. Along with pushing the energy transition forward, these solar developers are dedicated to innovating more opportunities to mitigate global warming and achieve decarbonisation goals.

How much solar power does Europe have in 2023?

The continent has reached a record high of 56 GW worth of solar installations in 2023. That's enough to power more than 40 million homes. European popularity and adoption of solar developments have led many European countries to increase their solar energy capacity. Europe's leading solar market is Germany with a 47% capacity increase in 2022.

Who is Islander?

ISLANDER is composed of 11 organisations from 7 European countries committed to the community led energy transition of EU islands. This cookie is set by GDPR Cookie Consent plugin. The cookie is used to store the user consent for the cookies in the category "Analytics".

How does Sei support land and Gotland?

During its third phase, it provides three years of technical support to 30 islands. SEI is the regional partner for Sweden and supports the transition to renewables for the two big islands of Gotland and Öland, as well as a group of smaller islands (Ven, Visingsö, Vinön, Holmön).

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