

Flexens was founded in 2018 to become a world-leading project development company for advanced sustainable and flexible energy systems, initially developing and implementing a full society scale demo located on the Årland Islands.

Project development company, Flexens, has identified the opportunity to develop and build a full society scale energy system based on renewables on Årland - an island with ideal wind and solar conditions, an ambitious climate and energy strategy as well as a ...

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Årland Smart Energy Platform - Target Platform for demonstrations enabling 100 % renewable energy system o How to solve the challenge: Fundamental change in power system operation - From variable loads to variable generation - Increase flexibility by novel technology, management and design principles by cost efficient solutions

A fully sustainable energy system for the Årland islands is possible by 2030 based on the assumptions in this study. Several scenarios were constructed for the future energy system ...

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A fully sustainable energy system for the Årland islands is possible by 2030 based on the assumptions in this study. Several scenarios were constructed for the future energy system based on various combinations of domestic production of wind and solar photovoltaic power, expanded domestic energy storage solutions, electrified transport, and ...

With that idea in mind, the energy company Flexens saw an opportunity to develop and build a society scale energy system based on renewable energy sources on Årland together with the island government - an archipelago situated in the Baltic Sea with ideal wind and solar conditions.

The energy company Flexens has identified the opportunity to develop and build a society scale energy system

based on renewable energy sources on Å...land together with the island government- an island with ideal wind and solar conditions and an ambitious climate- and energy strategy with a population dedicated to sustainability.

Web: <https://gennergyps.co.za>