

While Svalbard intends to transition to renewable energy, there's very little data on how well wind and solar can perform in the islands' harsh winter conditions, where there's no sun for...

The area potentially concerned stretches from Svalbard to Jan Mayen Island, covering 280 000 square kilometers of Arctic seabed. Despite protests and warnings from environmental organizations, scientists and many ...

Svalbard Airport Used Maxeon Solar Panels. Find out how SunPower is helping Svalbard Airport to remove 70 metric tonnes of carbon emissions here.

Longyearbyen and Svalbard are facing a huge energy transition. UNIS, Store Norske and SINTEF have therefore entered into an agreement on strategic cooperation within renewable energy systems adapted to Arctic conditions. The goal is to make Svalbard a showcase for renewable energy solutions in the Arctic. 15 March 2022

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In order to have a successful energy transition in an extreme climate such as Svalbard, it will take a combination of mixed renewable technologies, digital tools and a strong network of partnerships to build a robust and sustainable energy network for the future.

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for creating knowledge to support energy and climate targets in the Nordics applies not just to the larger

countries of the Nordic region, but also the more sparsely populated areas of the West Arctic; Greenland, Iceland, Faroe Islands, Jan Mayen, Svalbard and Arctic Ocean areas nearby these lands. These areas present unique energy challenges,

Great uncertainty surrounds the energy supply on Svalbard and the scheduled transition to renewable energy for the Arctic archipelago. Researcher Tiril Vold believes the process has been affected by a contest over symbolic capital and prestige.

Statkraft's proposal for a renewable energy supply to Svalbard is available as a preliminary analysis, and more thorough work must be done to determine costs more precisely. However, the preliminary findings indicate that both alternatives, hydrogen bound in ammonia and compressed hydrogen, are competitive with the proposals presented in the ...

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