

Are Longyearbyen and Svalbard facing an energy transition?

Top image: Longyearbyen and Svalbard are facing an energy transition. This is the background for the cooperation agreement between UNIS, Store Norske and SINTEF. Photo: Graham Gilbert/UNIS.

Longyearbyen and Svalbard are facing a huge energy transition.

What does Svalbard and Jan Mayen stand for?

Svalbard and Jan Mayen (Norwegian: Svalbard og Jan Mayen, ISO 3166-1 alpha-2: SJ, ISO 3166-1 alpha-3: SJM, ISO 3166-1 numeric: 744) is a statistical designation defined by ISO 3166-1 for a collective grouping of two remote jurisdictions of Norway: Svalbard and Jan Mayen.

What is Unis & Svalbard Energi doing in the Arctic?

The energy company is collaborating with the University of Svalbard (UNIS) and Svalbard Energi in the testing of hybrid renewable energy, battery storage, and diesel generator systems, with a plan to implement them in many of the 1,500 Arctic communities that are off-grid and currently use coal or diesel as an energy source.

What do Svalbard and Jan Mayen have in common?

Svalbard and Jan Mayen have in common that they are the only integrated parts of Norway not allocated to counties. While a separate ISO code for Svalbard was proposed by the United Nations, it was the Norwegian authorities who took initiative to include Jan Mayen in the code. Its official language is Norwegian.

What is a Svalbard & Jan Mayen islands?

The United Nations Statistics Division also uses this code, but has named it the Svalbard and Jan Mayen Islands. Svalbard is an archipelago in the Arctic Ocean under the sovereignty of Norway, but is subject to the special status granted by the Svalbard Treaty.

What is Svalbard & Jan Mayen in ISO 3166-2?

ISO 3166-2: SJ is the entry for Svalbard and Jan Mayen in ISO 3166-2, a system for assigning codes to

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subnational administrative divisions. However,further subdivision for Svalbard and Jan Mayen occurs under Norway's entry,ISO 3166-2:NO:



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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

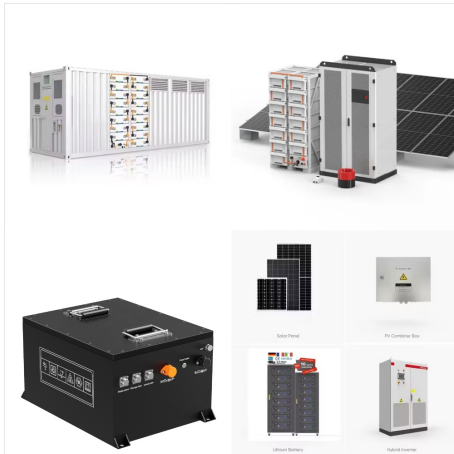


Installing solar panels in a place that experiences around five months of complete darkness might seem counterintuitive, but a new initiative in the Svalbard archipelago is hoping to generate clean power using the technology.



Store Norske Energi, a state-owned energy company based in Longyearbyen, is testing whether solar energy could be used to transition Spitsbergen to emissions-free, hybrid energy. The company has installed 360 solar panels ???

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After buying Uma, Dan and Kika spent two years living on board in the shipyard in Florida while they repaired and refitted her. During this time, they replaced the original diesel engine, which had seized, and bought two ???



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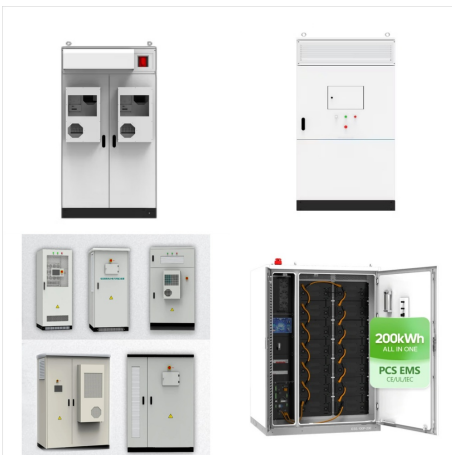


Store Norske Energi, a state-owned energy company based in Longyearbyen, is testing whether solar energy could be used to transition Spitsbergen to emissions-free, hybrid energy. The company has installed 360 solar panels along with a battery bank and thermal storage system at Isfjord Radio, an old shipping radio station.

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After buying Uma, Dan and Kika spent two years living on board in the shipyard in Florida while they repaired and refitted her. During this time, they replaced the original diesel engine, which had seized, and bought two 240W solar panels. "We spent \$100 on Ebay buying an electric motor formerly used by a forklift truck," says Dan.



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After charging up with solar power, we venture through the historical areas of Longyearbyen before heading to the cozy cabin, Advent Lodge. Explore the surroundings of Longyearbyen on our innovative electric snowmobiles from Lynx!