

When did Poland first visit the Arctic?

Poland's scientific presence in the Arctic region began during the Second International Polar Year in 1932 with a 12-month expedition to Bear Island (1932/1933).

What is the Arctic Energy Forum?

View Agenda Registration Travel Support Confirmed Sessions Arctic Energy Forum - Responsible (energy) governance for a sustainable Arctic! (The road to) green energy transition in the Arctic! The Agenda of the Arctic Energy Forum 15-16 October 2024 consists of Main Topics, Special Topics, Breakout Sessions and Panel Discussions.

What energy sources are used in the Arctic?

Electricity generation and installed capacity In the remote Arctic the most commonly used energy sources for electricity generation are diesel, followed by several mature renewable energy technologies such as hydropower, wind power, and photovoltaic (PV) power. In Section 3.2 the technologies used to harness energy are discussed in more detail.

Why is electricity cost so high in the Arctic?

All the aforementioned factors result in high electricity cost for the end consumer. Renewable energy sources show their capability of reducing such impacts. Currently, hydropower is the most used power source of all renewable energy sources in the Arctic. Where hydropower resources are available, they can provide affordable electricity.

Is wind energy available in the Arctic?

Wind is a widespread energy source in the Arctic, with a high potential in coastal areas [56,57]. Wind potential is available throughout the year with seasonal variations. Wind energy can be harnessed using wind turbines and analysis (eg. Refs. [32,33]) has shown that a number of installed wind turbines can be found in the Arctic.

Is solar power a viable option in the Arctic?

The Arctic has long winters with little daylight and, due to the high latitude, direct insolation is even relatively low during the long summer days. Therefore, PV electricity generation may not seem to be a feasible option in the region.

The Arctic Renewable Energy Atlas (AREA) provides tools for Arctic communities looking to transition to affordable and reliable, renewable energy. Start by exploring the Arctic's renewable energy potential through AREA's interactive ...

The Arctic Energy Office has primary responsibility for coordinating efforts across the Department of Energy's (DOE) program and staff offices and National Laboratories to ensure a unified voice on all Arctic

issues, and we report through the Under Secretary for Science and Innovation (DOE Organization Chart).

The Arctic Circle Assembly is the largest annual international gathering on the Arctic, attended by more than 2000 participants from over 60 countries. The Assembly is held every October in Harpa Concert Hall and Conference Center and the Reykjavik EDITION, Iceland. The Arctic Energy Office is organizing two panels at the event.

Alaska Sustainable Energy Conference and Pre-Event (May 20-23, 2024) Department of Energy leadership from the Office of Electricity, Arctic Energy Office, Office of State and Community Energy Programs, Office of Intergovernmental and External Affairs, Office of Technology Transitions, and Office of Energy Efficiency and Renewable Energy participated in the Alaska ...

Rebecca Porter. Controller. Rebecca Porter is Arctic Energy's Controller and the financial arm of our project management. She holds a Bachelor's degree in accounting from the University of Alaska Anchorage, and has worked with Arctic Energy Inc. since 2012, and has helped many of our customers understand and implement the economics of their CHP and DG projects.

In 2015, the Ministry commissioned some experts to prepare a large document concerning the aims and tools of Polish Polar Policy in the Arctic, so together with some of my Polish colleagues working on their PhD degrees ...

The transition to renewable energy sources is a critical aspect of sustainable development in the Arctic. One notable example is the partnership between DOE and its partners with the Mission Innovation (MI) Zero Emission Shipping Challenge. Working with the co-chairs Denmark and Norway and the other partners, MI announced the start of development of a ...

In alignment with the Department of Energy's second Equity Action Plan, the Arctic Energy Office has made significant strides towards achieving Secretary Jennifer Granholm's department-wide priorities. Our commitment to promoting inclusivity and expanding tribal engagement reflects our dedication to embedding equity throughout DOE policies and ...

The company Arctic Green Energy, which is based in Iceland, is developing eight projects in Poland. Each project involves the construction of thermal power plants where thermal heat is used for heating houses. In total, ...

PL-66-470 Kostrzyn nad Odra, Poland . ir@arcticpaper . E-mail. Piotr Owdziej. Contact for institutional investors and analysts. piotr.owdziej@ccgroup.pl +48 697 612 913. ... Arctic Paper promuje zr&#243;wnowazona gospodarkę lesną poprzez odpowiedzialne pozyskiwanie certyfikowanego drewna i masy celulozowej, a także marketing i sprzedaż ...

Although Poland has neither vital nor direct political and economic interests in the Arctic, the state's

multi-faceted involvement in international cooperation in that region may improve ...

Arctic Energy partners Arctic Energy partners er etablert i Hammerfest, Troms&#248;, Harstad, Bod&#248; og p&#229; Helgeland. Design: riktigspor.no / Revisjon 2022: JB Reklame AS Kartet er utgitt i samarbeid mellom KUPA, KPB, Arctic Energy partners, Arctic Energy Map Energiaktivitet i nord Gassr&#248;rledning Fremtidig gassr&#248;rledning ...

The Arctic Energy Office (AE) seeks to reinvigorate this program to include all Alaska stakeholders and develop an AE-led network of energy leaders to help move the state towards sustainable and impactful projects that could be supported by DOE programs or other funding sources such as other federal agencies, the State of Alaska, or private ...

The Arctic Energy Office brings together assets from across the Department of Energy in collaborative and innovative ways to meet the energy, science, and national security needs of the United States and its allies in the Arctic.

Ambassador Andrzej Misztal is Poland's Arctic Ambassador - or more formally, Poland's Ambassador for the Legal Affairs of the Arctic and Antarctic - and the Director of the Legal and Treaty Department of the Ministry of Foreign Affairs of Poland. Formerly, he was the Head of Division of Public International Law in the Legal and Treaty Department in the Polish ...

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