

What are Latvia's main interests in the Arctic?

In general, Latvia's main interests in the Arctic are security and stability, justifying the beginning and continuation of Latvia's cooperation in the Arctic region. From a security policy perspective, developments in the Arctic also have a direct impact on the security of the Baltic Sea region.

What electricity generation technologies are used in arctic environment?

A description is given of the various electricity generation technologies that have been proven to be effective for use in Arctic environment, and those that are currently in use, including diesel, hydropower, photovoltaic, and wind power, in addition to discussion of different back-up options.

Why do Arctic communities rely on fossil fuels?

Arctic winters tend to be long and, in many places, extremely cold. Energy use in Arctic communities therefore can be very high, making reliable and affordable electricity and heating a priority. Today, many Arctic communities rely almost exclusively on fossil fuels for electricity, heating and transportation.

Why is the Russian Arctic not included in the study?

This study includes 553 remote communities in the Arctic and sub-Arctic areas of Alaska, Canada, Greenland, and Norway. The Russian Arctic was not included because of a language barrier which makes it complicated to access the needed data in a sufficient quality.

Is Latvia a good country to trade with?

Latvia is in favour of new and long-term cooperation in the field of trade. The Latvian market is open to new business initiatives to cooperate with foreign partners. Trade between Latvia and the Arctic countries exists and will continue to develop in various areas.

How is fuel shipped in the Arctic?

Shipment of fuel involves ice roads and trucks crossing frozen rivers during the wintertime, and this is heavily influenced by temperature rise, thawing permafrost, as well as the use of barges in the summertime; both options have a short period of use due to the harsh Arctic weather conditions.

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The project created a comprehensive long- and short-term energy planning process for socially- and economically-feasible energy solutions for communities in the Arctic by developing an ...

Careers At Arctic Energy Solutions, we are committed to nurturing our team's growth and development. Our supportive and collaborative work atmosphere encourages creativity and innovation. We seek talented professionals who are passionate about sustainability and driven to make an impact. If you're ready for a challenging and fulfilling career, explore our current job ...

Latvia really too far to use the opportunities and to be influenced by the processes taking place in the Arctic region? Is Latvia too small to have an impact in the Arctic region's environment? What are the risks and opportunities for Latvia in the Arctic region? Finally, is there a necessity

Latvia is committed to increasing renewables and energy efficiency to meet EU climate goals. The National Energy and Climate Plan (NECP) outlines plans to modernize the grid, expand energy storage, and develop more wind and solar capacity to hit higher renewable energy targets by 2030.

Arctic Energy Solutions at the Halifax Fall Home Show! ? We had an incredible time showcasing our spray foam insulation solutions and connecting with homeowners and builders at the Halifax Fall Home Show. ?? Here's a look at some highlights from the event--live demos, exciting conversations, and how we're helping create energy-efficient spaces for homes and businesses.

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Latvia's smart energy sector encompasses hydrogen initiatives (Naco Technology, Green Tech Cluster), wind energy, solar (Latvenergo, Institute of Physical Energetics), hydroelectric power (Latvian HPP), and ammonia based energy solutions (PurpleGreen). The sector also focuses on the production, transportation, transformation, and utilization ...

This infographic summarizes results from simulations that demonstrate the ability of Latvia to match all-purpose energy demand with wind-water-solar (WWS) electricity and heat supply, storage, and demand response continuously every 30 seconds for three years (2050-2052). All-purpose energy is for electricity, transportation, buildings, industry,

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The project created a comprehensive long- and short-term energy planning process for socially and environmentally desirable

and economically-feasible energy solutions for communities in the Arctic by developing an Arctic Sustainable Energy Futures Framework (ASEFF) and an ASEFF Toolkit.

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What do you see as the key sectors of cooperation between Latvia and the Arctic/Nordic region? Latvia is in favour of all approved international agreements. Latvia is committed to and respects the need to mitigate climate change by actively reducing greenhouse emissions, thus reducing the pollution and temperature rise that is felt most ...

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