

Liquefied Natural Gas (LNG) is a threat to the Arctic





The alarming rise in LNG puts the Arctic at a crossroads



LNG production



LNG use

The United States, Canada, Norway and Russia with vast natural gas reserves show little sign of moving away from fossil gas and are even expanding exploitation. LNG bunkering (i.e. ports where ships can refuel) has grown since 2010 to over 30 operational and proposed facilities. Russia, Finland and Sweden have made substantial infrastructure investments.

LNG use as fuel has grown across ship types:

Norway has the largest fleet of ice class LNG ships in the region, followed by Sweden and Finland.

Norway also has LNG-fueled fishing vessels.

In Russia, LNG use on ships is restricted to export of oil and gas. Russia is the world's second-largest natural gas producer, with approximately 83% of its gas coming from Arctic territories.

LNG production and use in the Arctic is growing!

Gas extraction, processing and LNG trade has grown significantly, including import and export terminals, in Arctic nations. The Arctic is at a crossroads that could reshape its maritime future. Promoting the continued use of any fossil fuels, including LNG, will impede the transition to a zero-emission economy.

The Clean Arctic Alliance is calling for:

Arctic nations to require all ships to **urgently** reduce emissions of CO₂, black carbon, and methane by 2030, and move to alternative, non-fossil fuels and other forms of propulsion;

ships operating in the Arctic to immediately switch from heavy fuels to distillate fuels or cleaner non-fossil fuels in order to cut ship black carbon emissions;

the shipping industry to focus on energy-saving practices and technologies, such as wind propulsion, batteries, low and zero-emission fuels that can deliver air quality and climate benefits; and

public and private sectors to **stop investing in LNG infrastructure** that will cause further delays for the sector to transition to low and zero emission propulsion and fuels in the future.

Sign the Beyond Methane pledge https://saynotolng.org/beyond-methane-pledge/

Produced by the Clean Arctic Alliance - www.cleanarctic.org