

Nordic pipeline optical cable



Overview

The project is part of the Polar Connect initiative, where the long-term plan is to connect the Nordic region with Japan and South Korea through a fiber optic cable under the Arctic Ocean, with possible branches to North America. The new funding will allow NORDUnet and partners to investigate in detail how subsea optical cables can connect Europe to Japan and. The Northern EU Gateways project is supporting the preparation of three new cable investments: two submarine cable projects Far North Fiber (FNF) and C-Lion2, as well as Terrestrial Backbone Finland (TBF). Baltic Offshore installed the cables between Sassnitz-Bornholm-Simrishamn, Bornholm-Öland-Gotland, as well as increased the capacity in the route between. GlobalConnect has successfully completed the first phase of the Nordic Wave project, a European Union-supported initiative aimed at bolstering digital infrastructure in the Nordic region. Oslo, Norway – 23 November 2022 - Nexans, a global organisation and key driver for the world's transition to a more connected and.



Article Content

May 06, 2026

Northern EU Digital Gateways

The project is supporting the preparation of three new cable investments: two submarine cable projects Far North Fiber (FNF) and C-Lion2, as well as Terrestrial Backbone Finland (TBF) to improve the

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GlobalConnect Marks Milestone with Completion of

GlobalConnect has successfully completed the first phase of the Nordic Wave project, a European Union-supported initiative aimed at bolstering

Jul 26, 2025

Poles apart: Building the Arctic's first subsea cable

But despite the presence of 5G in one of the Earth's most remote locations, fiber connections in the region are much rarer. Subsea Internet cables,

Aug 22, 2025

Geopolitics of Subsea Cables in the Arctic

Subsea cables are essential parts of infrastructure, in that they serve to transmit all Internet data. For something so critical to our modern life they are

Aug 20, 2025

The Nordic digital highway

Building a Nordic digital highway In recent years, the Nordic countries have become home to some of the world's largest tech companies. To meet the demands of

Feb 11, 2026

NORDUnet Plans to Build A Subsea Cable Connecting

At the Subsea Networks EMEA event in London last week, NORDUnet presented its plans for the Polar Connect cable, a new subsea cable connecting

Oct 08, 2025

Eleven damaged cables in 15 months: what is

At least 11 cables running along the Baltic seabed have been damaged since October 2023, officials say. The latest of these incidents occurred

Jul 14, 2025

Turning fiber cables into a scientific sensor

Norwegian universities NTNU and University of Bergen are leading partners, supported by NORDUnet, Norwegian NREN Sikt, and Danish NREN

Feb 03, 2026

NORDUnet to lead Northern EU Gateways work package

The new funding will allow NORDUnet and partners to investigate in detail how subsea optical cables can connect Europe to Japan and North

Aug 18, 2025

A vision for two Arctic subsea cables

Nordic NRENS and NORDUnet: By 2030 or soon thereafter, a resilient submarine cable system across the Arctic region towards East Asia must

Jul 05, 2025

US & European Fiber Optic Cable Market Forecasts 2031

The United States And European Fiber Optic Cable Market worth USD 4.56 billion in 2026 is growing at a CAGR of 9.05% to reach USD 7.03

Sep 22, 2025

Chinese Vessel Suspected of Cutting Baltic Subsea Cables

Danish officials are inspecting a Chinese bulk carrier that sailed over two undersea cables minutes before both were severed early this week; they

May 17, 2026

Aurora submarine fiber optic cable installation projects

Baltic Offshore installed the cables between Sassnitz-Bornholm-Simrishamn, Bornholm-Öland-Gotland, as well as increased the capacity in the

Jul 03, 2025

Tampnet chooses Nexans for their New Diverse Subsea Cable linking ...

Nexans is partnering with both Tampnet and Cecon Contracting to build this significant subsea fibre optic cable system. The new build enables connectivity within the Nordics and on to the...

Jan 07, 2026

GlobalConnect completes Phase I of Nordic Wave

The EU-funded project, headed up by GlobalConnect, is set to enhance digital infrastructure in the Nordics by upgrading existing fiber networks.

Jun 30, 2025

Norway's submarine cable network provides world-class

Norway's submarine cable network provides world-class connectivity A rapidly expanding network of submarine fibre optic cables has brought about a

Mar 25, 2026

Baltic Sea Undersea Cable Security

Subsea cables cover over 900,000 miles of sea floor from the Atlantic to Pacific. These small, fiber-optic cables are responsible for carrying 99% of global

Apr 19, 2026

Polar Connect

The project is part of the Polar Connect initiative, where the long-term plan is to connect the Nordic region with Japan and South Korea through a fiber optic cable under the Arctic Ocean,

Jan 24, 2026

The COBRA Fibre Optic Cable - a new high capacity fibre ...

The interconnection between Denmark and the Netherlands has now been officially launched; in addition to power transmission, the submarine cable also provides a brand new low

Jan 18, 2026

Built-in resilience for Arctic subsea cables

With state-of-the-art fibre sensing technology, the two cables proposed to connect Northern Europe to Asia and North America will contribute to

Jun 26, 2025

Hybrid Attacks Rise on Undersea Cables in Baltic and Arctic Regions

Executive Summary Russian hybrid attacks targeting critical undersea infrastructure (CUI), particularly fiber-optic cables, have surged in the Baltic and Arctic regions since 2021. These

Sep 30, 2025

Undersea cables cut or damaged, leading European nations to

A Chinese-flagged cargo ship draws attention after undersea internet cables were severed, leading European countries to investigate possible sabotage.

Apr 28, 2026

Trans-Arctic

Under its Vision 2030, NORDUnet is investigating two different specific solutions. A direct route passing under the ice cap of the North Pole in the Arctic Ocean, just North-East of Greenland. And an

Sep 18, 2025

Capacity and Infra services | DNA Wholesale

Capacity and Infra services meet the different needs of companies, such as high bandwidth requirements and connectivity between data centres.

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The Subsea Cable Connecting Europe: Tampnet

Tampnet Carrier commissioned over 700 km of brand-new fiber optic cable to enhance routes connecting the UK to Europe via the Nordics. Tampnet

Apr 06, 2026

Explainer: Gas pipeline Nord Stream's long way back to

The Nord Stream pipeline is in fact two double pipelines able to deliver 110 billion cubic metres (bcm) of gas to Europe each year, or enough to supply

Mar 11, 2026

Chinese "subsea cable cutter" still under guard of Baltic

In 2023 a gas pipeline was cut by another Chinese merchant ship. And on 3 December, the Swedish Civil Defence Minister Carl-Oskar Bohlin

Jun 02, 2026

Baltic Pipe

The Baltic Pipe is a natural gas pipeline between Europe II (which traverses the North Sea between Norway and Germany) and Poland. It is a strategic

Jul 30, 2025

Optical Connections

Sweden's Eastern Light has selected Ciena's GeoMesh solution to help meet what it says is "fast-growing demand" for long-haul dark fibre in the region. Eastern Light is building a series of

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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