

# **Nordic Optical Cable Construction Project**





## Overview

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GlobalConnect, a leading Swedish fibre-based broadband operator, has joined a consortium of five Nordic organizations to develop Polar Connect, an ambitious project to build a new fibre optic cable linking Northern Europe, East Asia, and the United States via the Arctic. Eastern Light is currently operating, building and planning a series of fiber-optic cable routes in the Nordics, with the purpose of meeting the fast-growing demand for modern and effective long-haul dark fiber in the region. After clearing 200 bombs from WW2, creating five new subsea routes, and having trenched the Baltic Sea seabed with a specially developed submarine, GlobalConnect has finalized the construction of its 2,600 km super fiber cable, capable of transporting all data in the Nordics. IOEMA is a state-of-the-art, high-capacity, 1400 km repeatered submarine fibre optic project that will arc across five key northern European markets: the UK, The Netherlands, Germany, Denmark and Norway, supporting critical infrastructure security with full armouring and burial. The IOEMA cable system consists of a trunk route, connecting Dumpton Gap, UK with Kristiansand, Norway and three branches, connecting.



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### **Aurora submarine fiber optic cable installation projects**

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

### **GlobalConnect completes largest Nordic digital**

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In the Nordic you have great access to both. For GlobalConnect, this project is a massive undertaking, and we will keep investing in digital



## **GlobalConnect completes Nordic super cable project**

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GlobalConnect has finalised the construction of its 2,600km super fibre cable, capable of transporting all data in the Nordics. The project is valued at 1 billion SEK (\$96.7 million) and it will

## **Norway's submarine cable network provides world-class**

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

## **GlobalConnect Completes Phase 1 of Nordic Wave**

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GlobalConnect Completes Phase 1 of Nordic Wave Subsea Cable ? March 9, 2025 - GlobalConnect has successfully completed the first phase of the



## Polar Connect

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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,

## News

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GlobalConnect has completed a major expansion of its high-capacity optical wavelength network in the northernmost parts of the Nordics, significantly increasing regional capacity and

## Poles apart: Building the Arctic's first subsea cable

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But work on the project was put on hold when Russia invaded Crimea in 2014, and it was eventually canceled. Attempts were made to revive the

## **A Resilient Submarine Cable System through the Arctic equipped with**

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COLOFON This report, "Vision 2030: A Resilient Submarine Cable System through the Arctic equipped with Sensing - The Importance and the Opportunities," was published in January 2024 by NORDUnet.

## **Optical Connections**

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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



## **GlobalConnect Completes Nordic Super Fiber Cable**

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Digital infrastructure provider GlobalConnect has finalised the construction of its 2,600 km super fibre cable, capable of transporting all data in

## **GlobalConnect joins Nordic project to develop global Arctic fiber cable**

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GlobalConnect brings several years of experience from deploying sea cables in Scandinavia, recently completing the largest digital infrastructure project in the Nordics for the last

## **Eastern Light , Baltic Sea Optical Expressway**

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Eastern Light is currently operating, building and planning a series of fiber-optic cable routes in the Nordics, with the purpose of meeting the fast-growing demand for modern and effective long-haul

## **GlobalConnect Marks Milestone with Completion of**

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

## **GlobalConnect Joins Consortium for Arctic Fibre Optic**

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GlobalConnect, a leading Swedish fibre-based broadband operator, has joined a consortium of five Nordic organizations to develop Polar Connect, an



## **GlobalConnect Joins Nordic Project to Explore Polar Connect via Arctic**

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GlobalConnect has joined a Nordic consortium to explore the Polar Connect, a new Arctic subsea fiber cable connecting Northern Europe and East Asia and US.

## **Northern Sweden--Bornholm--Berlin: New gigabit fibre-optic cable**

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2500 kilometres of fibre-optic cable jetted into ducts laid in the ground. With 192 fibres in the same tube, the cable has a capacity equivalent to 640 million people simultaneously watching

## **Fibre Optic Cable Manufacturer from Finland**

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Nestor Cables is a Finnish developer of fibre optic solutions for smart cities--quality



cables, accessories, and sustainable production since 2007.

## **GlobalConnect Joins Consortium for Arctic Fibre Optic Project**

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GlobalConnect, a leading Swedish fibre-based broadband operator, has joined a consortium of five Nordic organizations to develop PolarConnect, an ambitious project to build a new

## **Bulk Fiber Networks and WFN Strategies commence**

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Bulk Fiber Networks, a leading builder and operator of fibre network infrastructure in the Nordics, and WFN Strategies, a leading submarine cable



## **One of the world's most powerful interconnectors:**

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Delivering the energy transition requires groundbreaking electrical engineering feats. The newly opened 1,400-MW NordLink interconnector uniting Norway and

## **GlobalConnect completes Phase I of Nordic Wave**

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

## **The Eastern Light Project Resurrected: Optic Tunnels**

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The Eastern Light Project Resurrected: Optic Tunnels - Part 1 Eastern Light had a very ambitious plan to build a hybrid subsea/terrestrial Nordic ring that included subsea cables linking Denmark



## **New subsea cable planned, connecting Norway,**

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IOEMA is a state-of-the-art, high-capacity, 1400 km repeatered submarine fibre optic project that will arc across five key northern European

### **Contact Us**

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