

Building the Baltic Pipe with Borcoat™

Helping to reduce
carbon emissions in Europe

Creating a new gas supply corridor in the European market.

The Baltic Pipe is a strategic gas infrastructure project that aims to create a new gas corridor, with gas flow starting in 2022. The pipeline will facilitate the transportation of gas to Danish and Polish markets from Norway, and enable the supply of gas from Poland to Denmark. This will help diversify suppliers of gas to the region while providing affordable and secure energy, with the potential to reduce carbon emissions.

Borealis was chosen to supply coating materials to three pipe companies involved in the project: Mülheim Pipecoatings in Germany, Izostal in Poland, and Corinth Pipeworks in Greece.



A reliable partner to supply anti-corrosion coating grades.

This steel pipeline required an external anti-corrosion coating, with the preferred option being a 3-layer polyethylene (3LPE) based coating due to their proven use over decades, excellent anti-corrosion properties, and their ability to withstand mechanical loads (such as impacts and scratches) that the coating is exposed to during storage, transportation and installation. 3LPE coatings also provide excellent UV resistance, which is important during storage periods.

Borealis provided polyethylene-based adhesive Borcoat™ ME0420, and polyethylene-based topcoat Borcoat™ HE3450, to Mülheim Pipecoatings, Izostal and Corinth Pipeworks. Our Borcoat range was selected because Borealis:

- Products are known for their quality and performance, having been used in numerous projects across the world for over 20 years
- Provides full product documentation. This includes test reports from external accredited labs, according to common industry requirements, on all Borcoat grades, and product-specific product performance and confirmation statements
- Supports customers with a dedicated, experienced team of commercial and technical experts who can address their specific needs

- Has proven the supply reliability and flexibility to support customers with projects of any size, including 'mega-projects'
- Follows a strict quality approach with its products and follows industry requirements in terms of change management

The Baltic Pipe can lower carbon emissions.

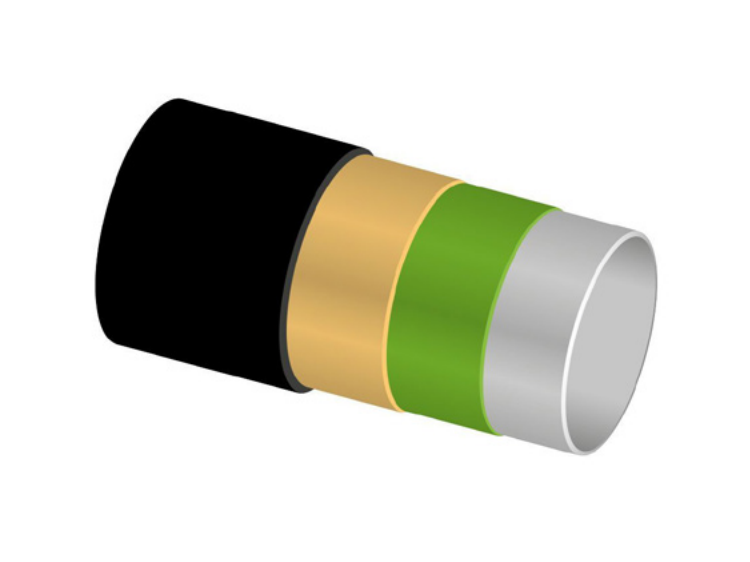
- Fine particle emissions can be reduced by replacing coal, oil and wood as a source of energy with gas
- 70 million tons of CO₂ emissions can be reduced annually by utilising gas combined with wind, contributing to 58% of Poland's 2030 target of 120 million tons emission reduction
- The Baltic Pipe is also an investment for the future as it could, with some modifications, be used to transport, methane, hydrogen, ammonia or carbon dioxide





“Due to their expertise and reliability, we have worked with Borealis for decades on various big projects. Their long-term commitment to this market, and first-rate product portfolio, means we never have any concerns or surprises when it comes to production or quality.”

Rainer Grabowski, Plant Manager
Mülheim Pipecoatings



“Borealis’ technical service engineer is dedicated to the steel pipe coating market, and is highly experienced in the application. I’m always able to get quick, professional support with any information or data I need, which brings confidence to any projects we collaborate on.”

Robert Smieszkol, Former Head of the Technology
& Development Centre
Izostal



“Borealis has contributed significantly to the success of many of our projects with reliability of product quality, planning flexibility and trustworthiness in delivery. No matter the market adversities and the advanced project requirements, the Borealis Team has what it takes to meet or exceed our expectations every single time.”

Corinth Pipeworks



Borealis and Borouge pipe solutions are enabling life's essentials.

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Borealis is one of the world's leading providers of advanced and circular polyolefin solutions and a European market leader in base chemicals, fertilizers and the mechanical recycling of plastics. We leverage our polymers expertise and decades of experience to offer value adding, innovative and circular material solutions for key industries. In re-inventing for more sustainable living, we build on our commitment to safety, our people and excellence as we accelerate the transformation to a circular economy and expand our geographical footprint.

With head offices in Vienna, Austria, Borealis employs 6,900 employees and operates in over 120 countries. In 2020, Borealis generated EUR 6.8 billion in sales revenue and a net profit of EUR 589 million. OMV, the Austria-based international oil and gas company, owns 75% of Borealis, while the remaining 25% is owned by a holding company of the Abu-Dhabi based Mubadala. We supply services and products to customers around the globe through Borealis and two important joint ventures: Borouge (with the Abu Dhabi National Oil Company, or ADNOC, based in UAE); and Baystar™ (with Total, based in the US).

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Borealis AG IZD Tower
Wagramer Strasse 17–19, A-1220 Vienna, Austria
Tel +43 1 22 400 000 • Fax +43 1 22 400 333
borealisgroup.com

Borouge Pte Ltd Sales and Marketing Head Office
1 George Street 18–01, Singapore 049145
borouge.com

