

Borealis and Fortum sign new long-term power purchase agreement to supply renewable energy to production operations in Finland

- **New PPA moves Borealis closer to goal of powering at least 50% of own European operations with renewable energy by 2030**
- **New wind farm project to significantly reduce Scope 2 emissions at Borealis operations in Finland**
- **Large-scale project consolidates Fortum's position as leader in CO₂-free power generation in Europe**

Borealis, one of the world's leading providers of advanced and circular polyolefin solutions and a European market leader in base chemicals and fertilizers; and Fortum, an energy company and the third largest CO₂-free power producer in Europe, have signed a long-term power purchase agreement (PPA) to source renewable energy from two onshore wind farms to be built in Finland. As of mid-2024, the new wind farms, majority-owned and operated by Fortum, will supply over 800 gigawatt hours (GWh) of renewable power to Borealis production operations in Porvoo, Finland, over the course of eight years. Both Borealis and Fortum move closer to realising their climate neutrality goals thanks to the scale and duration of this agreement.

Borealis and Fortum: making good on a shared aim to lower CO₂ emissions

The new long-term PPA involves the sourcing of electricity from two onshore wind parks to be built approximately 400 km northwest of Borealis production operations in Porvoo. Together, the two parks, Pjelas-Böle and Kristinestad Norr, will consist of 56 wind turbines with an annual power generation of approximately 1.1 terawatt hours (TWh). Both farms will be majority-owned and operated by Fortum Oy. Construction started in January 2022, with operations anticipated to begin by the middle of 2024 at the latest. Borealis has secured around 10% of the total output of the two wind farms for an eight-year period upon the project's commissioning in 2024. The over 800 GWh of renewable power supplied within the scope of this PPA is roughly equivalent to the average annual electricity consumption of 8000 Finnish households.

Borealis and Fortum share the conviction that industry decarbonisation can only be achieved by working together. Fortum is partnering with its industry and infrastructure clients to develop smart, cost-efficient, and sustainable solutions to energy supply. On one level, the new Borealis and Fortum PPA is providing a significant boost to the Finnish chemical industry, which aims to achieve carbon neutrality by 2045.

On another level, the PPA marks a milestone for Borealis: once the new Fortum project comes online in 2024, the Borealis Group will have reached the 20% mark in its aim to source at least 50% of the electricity consumed in its own production operations from renewable sources by the year 2030. Moreover, the renewable electricity generated within the framework of this PPA will reduce the Scope 2 emissions (CO₂ emissions resulting from the generation of purchased electricity consumed by the company) at its Finnish operations by 28,000 tons /year, or a total of 224 kilotonnes Scope 2 emissions over the eight-year duration of the PPA.

“It’s great to start the year with yet another major PPA. Our agreement with Fortum is especially meaningful because it moves Borealis across the important milepost of 20% electricity supplied from renewable sources for use in our operations,” says Wolfram Krenn, Borealis Executive VP Base Chemicals & Operations. “Realising our commitment to re-inventing for more sustainable living starts with our own operations. We are pleased that this new PPA with Fortum brings us ever closer to achieving our ambitious Energy & Climate goals, and enables us to further accelerate our pace in sustainable power sourcing.”

“As the third-largest producer of CO₂-free power in Europe, we are pleased to be working with a partner who shares our commitment for a cleaner world,” says Mats Persson, Fortum VP, Trading and Asset Optimisation. “To achieve decarbonisation in Europe, we need big players like Borealis on board who can transform the industry by making their operations more energy efficient. We at Fortum look forward to putting our technical know-how and experience to work to support Borealis in this crucial energy transformation.”

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Media contacts:

Borealis

Virginia Wieser, Senior Manager, Corporate Communications, Brand & Reputation
tel.: +43 1 22 400 772 (Vienna, Austria)
e-mail: Virginia.Wieser@borealisgroup.com

Fortum

Juha Ruokonen, Communications Manager, Trading and Asset Optimisation
tel. +358 400 918 322 (Espoo, Finland)
e-mail: Juha.Ruokonen@fortum.com

About Borealis

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 TotalEnergies, based in the US).

About Fortum

Fortum is a European energy company with activities in more than 40 countries. We provide our customers with electricity, gas, heating and cooling as well as smart solutions to improve resource efficiency. Together with our subsidiary Uniper, we are the third largest producer of CO₂-free electricity in Europe. Close to 20,000 professionals and a combined balance sheet of approximately EUR 60 billion, we have the scale, competence and resources to grow and to drive the energy transition forward. Fortum’s share is listed on Nasdaq Helsinki and Uniper’s share on the Frankfurt Stock Exchange.

Further information:

www.borealisgroup.com
www.borealiseverminds.com
www.fortum.com