

Borealis announces the start-up of New Ethane Cracker at its Joint Venture Baystar in Port Arthur, Texas

Bayport Polymers LLC (“Baystar”), a 50/50 joint venture (JV) between Borealis and TotalEnergies, today announces the start-up of commercial operations of a new ethane cracker with an annual production capacity of one million tons of ethylene.

This almost USD 2 billion project built on the site of the TotalEnergies Refinery in Port Arthur, Texas, represents 14 million hours worked with more than 2,500 workers at peak construction.

The ethylene produced by the cracker will be used as feedstock to supply Baystar’s existing polyethylene (PE) units, as well as a new Borstar® technology polyethylene unit currently under construction in Bayport, Texas.

“I am excited to see the start-up of this new ethane cracker, an important milestone for us as we are expanding our global footprint through Baystar. We are pleased to bring Borealis’ proprietary Borstar® technology to North America for the first time, allowing Baystar to produce enhanced polyethylene products for the most demanding applications,” said **Borealis CEO, Thomas Gangl**.

The start-up of the new ethane cracker is an important milestone for Baystar becoming a fully integrated polyethylene company. The focus is on growing the polymers market in North America and leveraging the power of partnerships.

The Baystar JV is the translation of the growth ambitions of Borealis and TotalEnergies in the United States. It includes:

- **The Baystar site in Bayport, Pasadena, Texas** – with a 400,000 ton-per-year PE capacity.
- **The one million ton-per-year ethane cracker at the TotalEnergies Port Arthur Refinery**, which now has successfully started operations.
- **The under-construction 625,000 metric ton-per-year PE unit in Bayport, using the Borealis proprietary Borstar® technology** to deliver a broad range of products to help meet the growing global demand for plastic products. The Borstar® process offers simultaneous improvements in production flexibility and environmental performance such as high energy efficiency. Furthermore, Borstar® products excel in sustainability, for example through light-weighting and by enabling incorporation of more than 50% post-consumer recycled materials in some end products.



Illustration: Baystar assets in Texas, US.

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Borealis is one of the world's leading providers of advanced and sustainable polyolefin solutions and a European front-runner in polyolefins recycling. In Europe, we are a market leader in base chemicals and fertilizers. We leverage our polymer expertise and decades of experience to offer value adding, innovative and circular material solutions for key industries such as consumer products, energy, healthcare, infrastructure and mobility. In re-inventing essentials for sustainable living, we build on our commitment to safety, our people, innovation and technology, and performance excellence. We are accelerating the transformation to a circular economy of polyolefins and expanding our geographical footprint to better serve our customers around the globe.

With head offices in Vienna, Austria, we employ 6,900 employees and operate in over 120 countries. In 2021, we generated total sales of EUR 12.342 EUR billion and a net profit of EUR 1,396 million. OMV, the Austria-based international oil and gas company, owns 75% of our shares, 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).

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Borstar is a registered trademark of Borealis AG.