

Borealis at a glance

Borealis is a leading provider of innovative solutions in the fields of polyolefins (mainly plastic granulate in the form of pellets), base chemicals and fertilizers.

Driven by our ambition to keep discovering and with a passion to create value through innovation, Borealis develops solutions which are addressing global challenges. These include, among other areas, **climate** (e.g. resource-conserving production), **water** (e.g. safeguarding of water supply), **energy** (e.g. securing of energy supply), **health** (e.g. diagnostic packaging materials), **food** (e.g. high quality fertilizers), **waste & recycling** (intelligent reuse and recycling of (plastic) waste). **Sustainability and social responsibility** are central themes for Borealis.

Borealis operates in over 120 countries. The corporate head office is based in Vienna, Austria. The majority of Borealis' production is located in Europe, with two overseas manufacturing facilities in the United States and Brazil. Borouge, Borealis' joint venture with the Abu Dhabi National Oil Company (ADNOC), operates the largest petrochemical complex in the world.



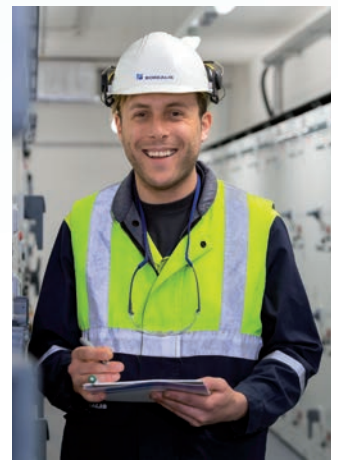
Melamine production in Piesteritz



Innovation Headquarters in Linz



Polyolefin production in Stenungsund



Borealis has 6,600 employees

Owners & Management

Owners

- Mubadala, through its holding company: 64%
- OMV: 36%

Executive Board

- **CEO:** Mark Garrett
- **CFO:** Mark Tonkens
- **Base Chemicals:** Markku Korvenranta
- **Polyolefins and Innovation & Technology:** Alfred Stern
- **Operations:** Martijn van Koten

Key Figures*

- A global workforce of approximately 6,600
- Customers in 120 countries around the world
- Net Sales: EUR 7.2 billion
- Net Profit: EUR 1.1 billion

* as of end of 2016

Locations

- **Head Office:** Vienna, Austria
- **Innovation Centres:** Linz (Austria), Porvoo (Finland), Stenungsund (Sweden); Borouge: Abu Dhabi (UAE)
- **Production sites:** Austria, Belgium, Germany, France, Finland, Italy, Netherlands, Sweden, USA, Brazil
- **Joint Venture:** Borouge - with the Abu Dhabi National Oil Company (ADNOC)

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Borealis business areas

Building on its proprietary Borstar[®], Borlink[™] and Borceed[™] technologies and more than 50 years of experience in polyolefins, Borealis and Borouge support key industries with a wide range of applications in the areas of energy, automotive, pipes, consumer products, healthcare, and advanced packaging.

Base chemicals and fertilizers complement the portfolio, servicing a wide range of industries in the business-to-business area. This means that e.g. automotive suppliers use Borealis plastics raw materials for producing automotive applications.

Business area

Polyolefins

The collective term „polyolefins“ embraces all types of plastics deriving from the polymerisation process.

The polyolefins manufactured by Borealis form the basis of many plastics products that are an intrinsic part of our daily lives. The areas of application are wide-ranging and diverse. At Borealis, these areas are divided into five main segments:

- Energy
- Pipes
- Automotive
- Consumer Products
- New Business Development
- Circular Economy Solutions

Each segment benefits from the advantages offered by Borealis polyolefins: resource-efficient production methods, assured safety of end products, reduced weight and lower costs.

Application segments

Energy Borealis provides a broad range of sophisticated PO extra-high, high, medium and low voltage cable applications, distribution cable and capacitor solutions, as well as semi-conductive products based on the Borlink[™] and Visico[™]/Ambicat[™] technologies.

Pipes Borealis offers polyolefins for pipes used in various industries: water and gas supply, waste water and sewage disposal, irrigation, plumbing and heating, and oil and gas. Borealis also provides multi-layer coating solutions for oil and gas pipelines.

Automotive In vehicles, Borealis continues to discover new material solutions which help facilitate lightweight construction and thus play an important role in enhancing energy efficiency. Borealis' leading-edge polyolefin plastic materials are used in a wide range of exterior, interior and under-the-bonnet applications. These include bumpers, body panels, trims, dashboards, door claddings, climate control and cooling systems, air intake manifolds and battery cases.

Consumer Products Borealis' advanced polypropylene solutions are used to make white goods and small appliances more robust, lighter, more energy efficient and visually appealing. Superior and proprietary Borealis technologies make advanced applications possible in flexible packaging (including lamination film, shrink and protection film, stand-up pouches, food packaging); rigid packaging (caps and closures, bottles, thin wall and transport packaging); and non-woven and technical fibres (filtration systems, hygiene products, technical textiles).

New Business Development

Healthcare Borealis offers advanced polyolefins for medical devices, pharmaceuticals and diagnostic packaging.

Borealis Plastomers/Elastomers Borealis is working with its customers and partners in a wide range of target applications to develop attractive polyolefin plastomer and elastomer solutions for projects with demanding sealing, flexibility, compatibility and processability requirements.

Foamable Materials Borealis' PP-based foamed products fulfil the varying and sophisticated needs of both converters and consumers.

Circular Economy Solutions

Borealis recognises Circular Economy (CE) an industry imperative. Adherence to CE principles is a key element in Borealis' sustainability strategy, which seeks to promote profitable growth through deeper exploration and subsequent realisation of CE business opportunities, primarily in the area of mechanical recycling of plastics.



Base Chemicals

Borealis produces a wide range of base chemicals such as ethylene, propylene, melamine, phenol, and acetone for use in numerous and diverse industries. Around 80% of Borealis' melamine production is destined for the wood-based panel industry, for example for decorative surface coatings of wood-based materials.



Fertilizers and Technical Nitrogen Products

Borealis, with its industry offer brands L.A.T (servicing the European market) and Rosier (servicing international markets), is one of the leading fertilizer producers and supplies over five million tonnes of fertilizers and technical nitrogen products each year via its Borealis L.A.T distribution network. Borealis' broad fertilizer portfolio includes N (nitrogen), NP (nitrogen-phosphorous) and NPK fertilizers.

