

# Botlek Site

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## About Our Botlek Site

The Botlek Site consists of two major operating facilities in the industrial complex of the port of Rotterdam: a propylene oxide (PO) / tert-butyl alcohol (TBA) plant and a butanediol (BDO) plant that is the largest of its kind in the world. In addition, LyondellBasell operates a deep-water terminal in the Europoort area.

Used to manufacture a number of everyday products, ranging from seat cushions and pet food to antifreeze, paints and coatings, PO is an intermediate chemical. PO is also used to produce propylene glycol, a basic chemical used in the production of unsaturated polyester resin, humectants for tobacco and food products, and for solvents used in the cosmetics industry. TBA is used in the production of methyl tertiary butyl ether (MTBE), which is blended into gasoline to enhance the octane number and to reduce vehicle emissions. BDO and its derivatives are used for the production of fibers, engineering plastics, pharmaceutical preparations, personal care products and high-performance coatings.

The Botlek Site is located at Seinehaven, near the Hartelkanaal in the vicinity of the Nieuwe Maas estuary. The site covers 48 hectares (118 acres) and is located 12 km southwest of the city of Rotterdam. It has an independent inner harbor and has its own train and truck terminal.

The Europoort site has loading and unloading facilities, and tank storage for propylene and mixed butanes. The terminal is linked to the Botlek and Maasvlakte sites by two 7-km pipelines. The site was built in 1991 and is located at the 7th Petroleumhaven, near the Nieuwe Waterweg on the Calandkanaal. It is located 16 km southwest of the city of Rotterdam and 3 km northwest of the Botlek site. The Europoort site covers 25 hectares (62 acres).

In addition to the Botlek Site and Europoort terminal, the other facilities that LyondellBasell operates in the Netherlands are located in Maasvlakte and in Moerdijk.

## About Our Commitment to Social Responsibility

Our commitment to sustainable prosperity balances our responsibility to provide economic value for our stakeholders, while respecting the social concerns of the community in which we operate and demonstrating care for the environment around us.

**Economic Impact.** Our Botlek Site is a significant contributor to the economy of the community by providing skilled jobs, by annually purchasing millions of euros in local goods and services, and by paying taxes to support local schools and government services.

**Community Outreach.** Site management meets regularly with advisory panels of residents from Rozenburg to discuss the concerns and expectations of the local community. In addition, members of the advisory panels from the surrounding townships are regularly invited to discuss the performance of the plants in the areas of health, safety and environment.

The Botlek Site has supported educational and sports activities for children, as well as social projects in the nearby communities of Rozenburg and Westvoorne. We actively support science education by organizing activities with local students through the petrochemical industry's Education Information Center. We also organize tours of our plant.

Our employees are encouraged to be actively engaged in the local community. Many of them participate year after year in the company's Global Care Day. At the event, employees volunteer on their own free time to help renovate community, youth and senior citizens' facilities.

## Caring for the Environment.

Our commitment as a socially responsible company means that we operate our facilities in a manner that protects people and the environment, in keeping with the principles of Sustainable Development. Through our culture of Operational Excellence, LyondellBasell companies are committed to continuous improvement in safety and environmental performance.

Our Botlek Site's environmental management system is certified in accordance with ISO 14001 and the voluntary European EMAS (Environmental Management and Audit Scheme). The annual Site Environmental Report is verified by an independent certification agency.

Emergency response drills are regularly organized with fire brigades and other emergency service partners.

This plant is among the 10 most energy efficient production facilities for PO/TBA and derivatives in the world. This location makes significant use of cogeneration facilities that generate both electricity and steam.

## About LyondellBasell

LyondellBasell is one of the world's largest plastics, chemical, and refining companies. The company manufactures products at 59 sites in 18 countries. LyondellBasell products and technologies are used to make items that improve the quality of life for people around the world including packaging, electronics, automotive parts, home furnishings, construction materials and biofuels. More information about LyondellBasell can be found at [www.lyondellbasell.com](http://www.lyondellbasell.com)