

BOROUGE FACT SHEET

Borouge is a leading petrochemical company that provides innovative plastics solutions of polyolefins (polyethylene and polypropylene) for a wide range of industries such as packaging, infrastructure, energy, mobility, agriculture and healthcare. Established in 1998, Borouge is a joint venture between the Abu Dhabi National Oil Company (ADNOC) and Austria based Borealis.

With its production headquarters in Abu Dhabi, UAE, and its Marketing & Sales head office in Singapore, Borouge employs over 3,000 people representing more than 55 nationalities and serves customers in 50 countries across the Middle East, Asia and Africa.



Borouge started production in Ruwais in 2001 with 450,000 tonnes per year and reached 4.5 million tonnes of polyolefin, increasing its capacity by 10 fold during the past two decades. Borouge's production site has become one of the largest integrated polyolefin complexes in the world. Using Borealis' most advanced proprietary technologies, Borouge's solutions contribute to addressing global challenges such as climate change, food protection, access to fresh water, energy conservation, healthcare support and waste management.

With an expanded commercial and logistics network, Borouge focuses on 'value creation through people and innovation' where its Innovation Centre in Abu Dhabi and Application Centre in Shanghai play a vital role in supporting the plastics industry through developing new creative solutions that bring a big value to plastics manufacturers, converters and end-users.

VISION

The recognised leader in creative plastics solutions that have a positive impact on society today and tomorrow

MISSION

Value creation through people and innovation

VALUES

PROGRESSIVE
COLLABORATIVE
RESPECTFUL
RESPONSIBLE
EFFICIENT

FACTS & FIGURES

- Current capacity is 4.5 million t/y (Borouge1, Borouge 2 and Borouge 3 plants in Ruwais)
- New fifth polypropylene unit (PP5) will increase Borouge's PP capacity by 25% to 2.24 million t/y and total polymer capacity by 11% to 5 million t/y in 2021
- New Borouge 4 plant will be operational by 2025, increasing our capacity to 6.4 million t/y
- Compounding Manufacturing Plant (CMP) in Shanghai, China, to serve Chinese mobility customers. Current capacity is 90,000 t/y
- Borouge has **13 sales, marketing and representative offices** in Abu Dhabi, Singapore, Mumbai, New Delhi, Shanghai, Beijing, Guangzhou, Bangkok, Ho Chi Minh City, Jakarta, Cairo, Tokyo and Casablanca.
- Gateways (ports, warehouses and logistics hubs) in UAE, Oman, Egypt, China, Singapore, Malaysia, Spain and Belgium
- Distributing products to 91 countries, using 1,000 routes and shipping 400-600 containers per day (1000 TEUs)

INNOVATION

- Borouge has its own Innovation Centre in Abu Dhabi and another Application Centre in Shanghai
- Borouge Innovation Centre includes 16 laboratories for polymer analysis, processing and application testing
- Over 93 engineers, researchers and technicians work at Borouge Innovation Centre, 40% of which are UAE Nationals
- It works closely with Borealis' Innovation Centres in Europe and with local educational institutions such as Khalifa University
- Borouge has so far obtained over 400 patents covering newly developed products
- Borouge is a major patent applicant in the region with over 900 patent cases covering inventions created by Borouge scientists in the UAE.

- Over 20% of Borouge's annual sales is derived from new products developed at the Centre

COMMITMENT TO SUSTAINABILITY & CIRCULAR ECONOMY

- Sustainability at Borouge is driven by innovation and we are committed to well-being of society and preservation of environment
- We focus on **Performance, Profitability, People and Efficiency** to enhance our operations
- Borouge's 2021 Sustainability Goals reinforce our commitments to **People, Plant and Profit**
- Borouge is committed to explore and drive opportunities towards a **circular economy**
- We strongly advocate the **reuse of plastic products** and the **recycling of post-consumer plastics waste** into second generation products
- Borouge's new innovated solutions are measured against our **Product Sustainability Index**
- We actively develop advanced **mono-materials** for the packaging industry to enhance reusing and recycling and we recently added **recyclates** to our packaging portfolio
- We established a new **Packaging Centre of Excellence** in Abu Dhabi to develop and commercialise circular packaging solutions
- Borouge is a Strategic Partner of the global initiative '**Project STOP**' that aims to prevent leakage of all waste into the environment and develop sustainable waste management models

BOROUGE'S CORPORATE SOCIAL RESPONSIBILITY INITIATIVES

- **Waste Free Environment** (Preserving environment)
- **Sustainable Campus Initiative** (Enhancing sustainability practices across campuses)
- **Water for the World** (Accessing water and sanitation)
- **Polymers of the Move** (Promoting science education)
- **Borouge without Borders** (Encouraging volunteerism)

SOLUTIONS

- We provide an advanced range of innovative polyolefin solutions (polyethylene and polypropylene) utilising proprietary technologies to deliver unique properties
- We provide solutions with economical processing, weight saving potential and enhanced and differentiated properties

- Borouge's solutions contribute to addressing global challenges such as climate change, food protection, access to fresh water, energy conservation, healthcare support and waste management

ENERGY

There's tremendous potential in the energy sector. We think beyond cables and voltage, to the lives and economies that thrive on this precious energy.

INFRASTRUCTURE

Our water and gas pipe solutions deliver to the last mile because this infrastructure provides vital function to society, and enables modern living.

MOBILITY

Our mobility innovations make vehicles lighter and more efficient. Beyond materials, our true focus is moving people, and the industry, forward.

PACKAGING

Consistency and material advantages are proven benefits of our packaging solution portfolio. We also work to ensure that produce arrives fresh and tasty, without compromising on sustainability

AGRICULTURE

When we deliver an agriculture solution, we think about more than a greenhouse. We solve challenges for farmers and their growing businesses, and the communities they feed.

HEALTHCARE

Our healthcare solutions meet the strictest global regulations, and continually earn the trust of the healthcare professionals who use our solutions daily.