BOROUGE INTERNATIONAL

Borcycle™ C

The solution for high purity, high performance recycled materials

Transformational solutions for chemical recycling that gives polyolefin-based, postconsumer waste another life; a solution creating both virgin-level grade materials and high safety and performance qualities fit for demanding applications.

Borcycle™ C

renews plastic back to plastic; creating recycled materials with a level of purity fit for protective, food-safe and other demanding applications.

It's never been a more important time to address the urgent issue of plastic waste and its impact on the planet. At Borouge International, we believe that waste is just unused potential; value waiting to be reignited.

Chemically recycled plastic waste

Borcycle™ C is our portfolio of transformational chemical recycling solutions, giving polyolefin-based, post-consumer waste another life. It offers all-round benefits, super-charging the transition to a circular polyolefin industry whilst creating virgin quality plastic products.

Food-safe and high performance

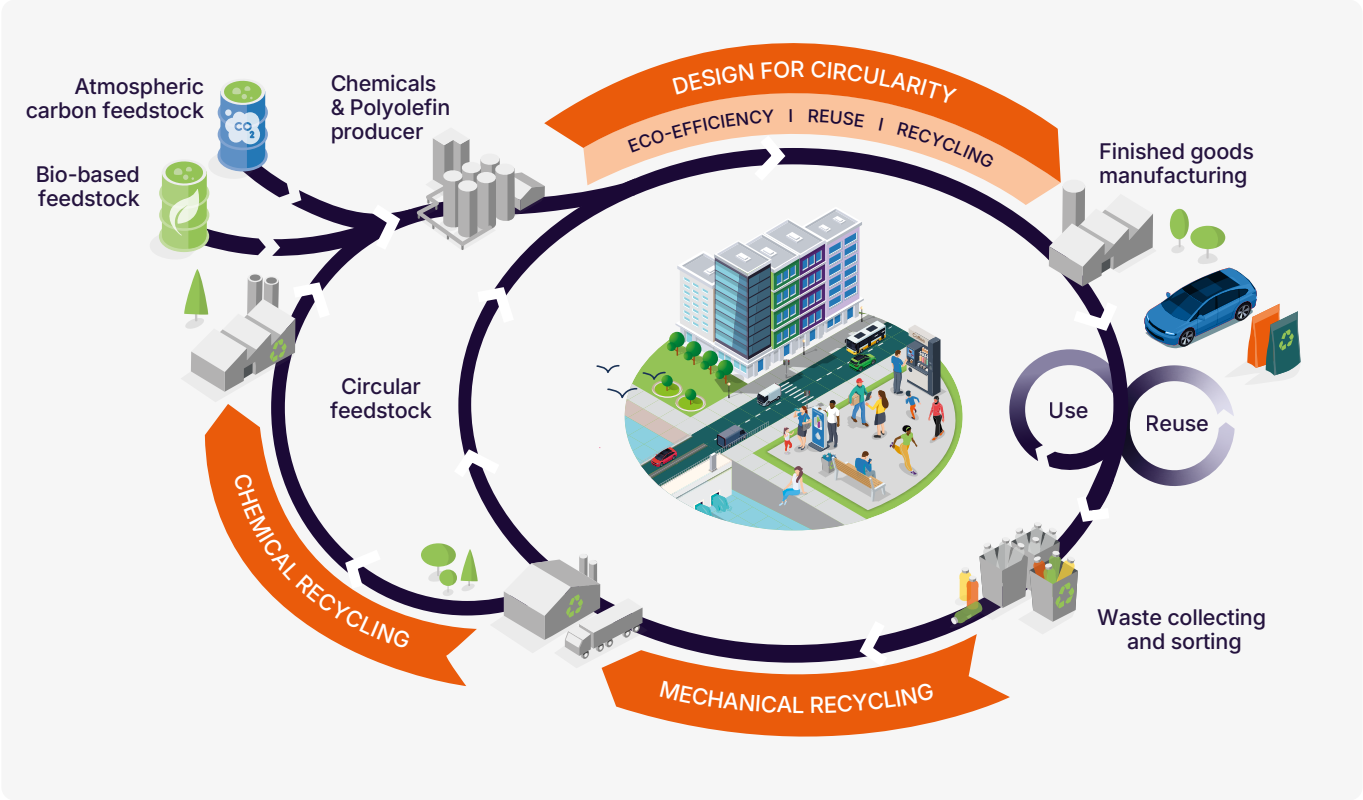
Borcycle™ C renews plastic back to producing virgin-like grade materials: offering recycled materials with a level of purity fit for food, healthcare and other demanding applications.

Borcycle™ suite of technologies

Our Borcycle™ solutions are scalable and ever-advancing, using value chain collaboration and Borouge International expertise, experience and innovative strength. Borcycle™ C is at the heart of Borouge International's drive for progress towards a circular future.

To build up a circular economy, Borouge International takes a wider view on the value chain

following our Circular Economy Model



Closing the loop of recycling technology solutions with our Borcycle™ C portfolio.

Chemical recycling

is complementing mechanical recycling, by further valorising residual waste streams from our mechanical recycling operations, as well valorising mixed plastic waste streams which would otherwise go to incineration or landfills.

Borcycle™ C technologies

Chemical recycling is a process that converts plastic waste back to monomers, synthetic oil or gas, which are then used as a feedstock in the manufacturing of new products. The right technology depends on the type of polymer being processed. The chemical recycling technology suitable for polyolefins is called pyrolysis, in which mixed polyolefin waste is converted to a pyrolysis oil by using heat, which can be used as feedstock to produce new plastics.

Borouge International collaborates in **OMV's Reoil® Recycling Technology** that is developed for the chemical recycling of mixed polyolefin plastic waste. The pilot plant and the demo plant, ReOil2000' (16 kt capacity) are fully integrated into the OMV's Austria refinery at Schwechat, Austria. The technology is designed to operate at an industrial-scale chemical recycling unit with a processing capacity of up to 200kt/year, which is under development.

Borcycle™ C

Based on the mass balance model

We use the mass balance model to track and trace the amount of chemically recycled feedstock that is replacing fossil-based feedstock.

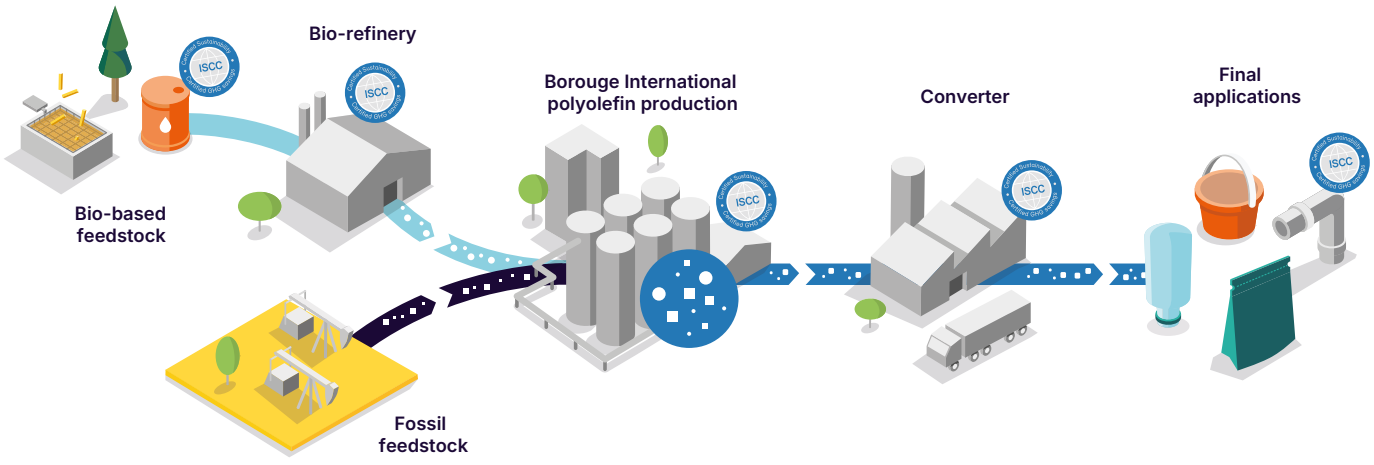
The mass balance chain of custody allows tracking the plastic waste feedstock back to the first collection point and with that provides transparency on the origin of the circular feedstock.

Another advantage of the mass balance model is that we can use our existing, production assets, and do not need to build a parallel system to allow offering these sustainable solution to the market as of today.

All Borcycle™ C polymers are certified by ISCC PLUS – a reliable global leading sustainability certification scheme.

With the global reach of Borouge International, we deliver circular material solutions reliably and efficiently to customers across key markets worldwide.

Supported by ISCC PLUS certifications, we provide trusted standards of traceability, consistency and quality throughout our international network. This enables customers across all Borouge International regions to access sustainable solutions with reliable supply, expertise and support wherever they operate.



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About Borouge International

Borouge Group International AG (Borouge International) is a global leader in polyolefins formed in 2026 through the combination of Borouge Plc, Borealis and NOVA Chemicals. Backed by long-term shareholders XRG, the international investment arm of ADNOC, and OMV, Borouge International brings together world-class assets, advantaged feedstock access and proprietary technology to deliver reliable high-performance polyolefin solutions across consumer products, infrastructure, energy, mobility and advanced products.

Borouge International combines a differentiated asset base, global reach and deep technical expertise to serve customers across key growth markets. The company is headquartered in Austria, with a regional headquarters in Abu Dhabi and corporate hubs in North America and Asia Pacific.

Learn more about the company: **borougeinternational.com.**

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