

# We are Borealis

Spearheading the transformation to  
become circular in plastic and in carbon

Company profile – July 2023



Who we are

## What makes us us

**120**

Countries. Head Office  
in Vienna, Austria

**6,000**

employees  
worldwide



**Production and distribution**  
of advanced and circular  
polyolefins solutions and base  
chemicals

**Ownership structure:**

**75%**

OMV, Austria



**Our JV's: Bayport Polymers**  
(**Baystar**™) – brings Borstar®  
technology to American polyethylene  
markets



**Our JV's: Borouge** – one of  
the world's largest integrated  
polyolefin complexes (Ruwais,  
UAE)

**25%**

ADNOC, United  
Arab Emirates

**#2**

Among polyolefin  
producers in Europe

**2,111** mEUR

net profit

**128**

Priority patents filed  
in 2022

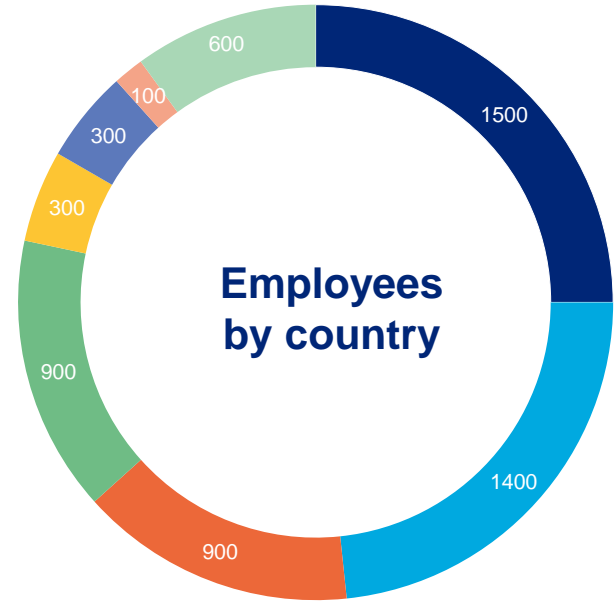
**3**

Polyolefin recycling  
operations in Europe

# We are run by a skilled and diverse workforce

**~ 6,000 employees**

**120 countries**



- Austria
- Belgium
- Sweden
- Finland
- Germany
- NA&SA
- Netherlands
- Others

Who we are

# Unified by a common set of values



## Considering the impact of everything we do.

We show respect, speak up and act responsibly towards each other, our customers and the environment.

Re-inventing essentials for sustainable living



## Defining tomorrow by welcoming new perspectives today.

We learn by being inclusive, asking questions, sharing our knowledge and having the courage to try new things.

Re-inventing essentials for sustainable living



## Overcoming obstacles and finding solutions to deliver high performance.

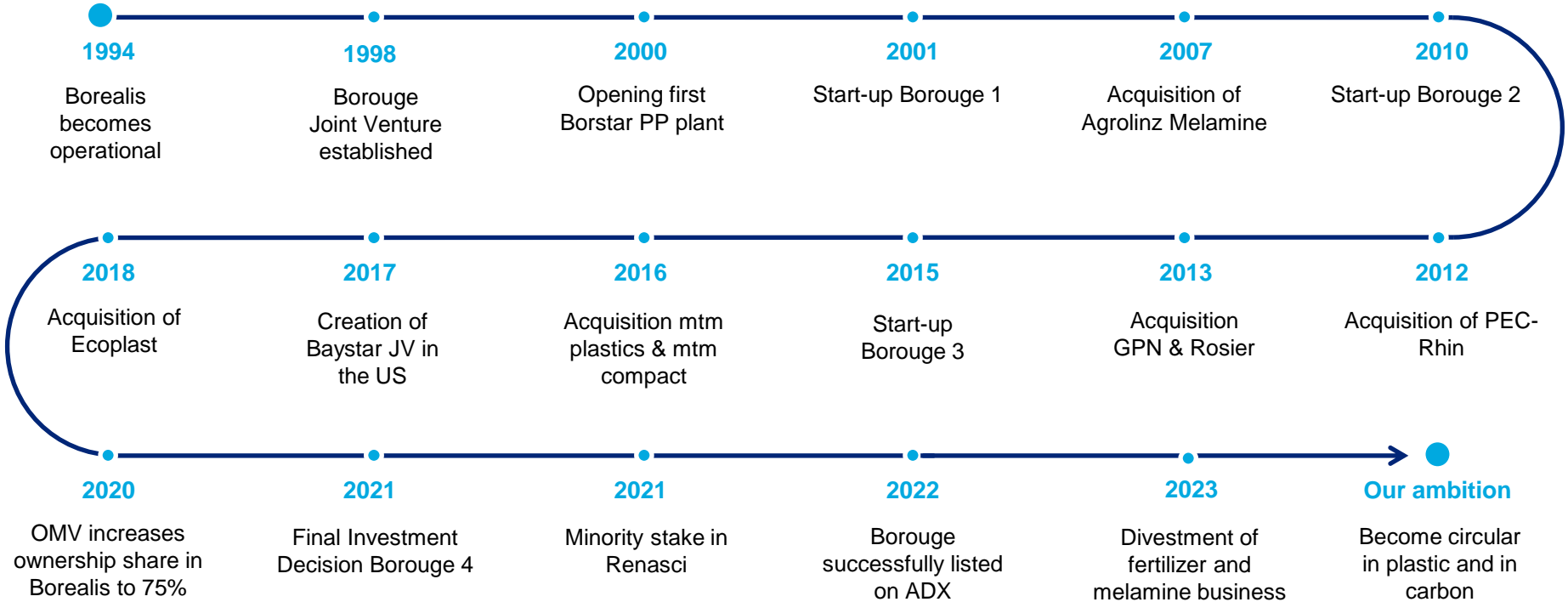
We take ownership, trusting and empowering each other to make bold decisions to deliver safely and at speed.

Re-inventing essentials for sustainable living



Who we are

# We can make the difference thanks our heritage



Who we are

# Where to find us:



## Borealis Locations

### Head Office

Borealis AG  
Trabrennstr. 6-8  
A-1020 Vienna, Austria  
Tel. +43 1 22 400 300  
Fax + 43 1 22 400 333  
www.borealisgroup.com  
info@borealisgroup.com

## Customer Service Centres

Austria, Belgium, Finland,,  
Turkey, United States

## Production Plants

Austria, Belgium, Brazil,  
Finland, Germany, Italy, South  
Korea, Sweden, The  
Netherlands, United States

## Recycling Plants

Austria, Belgium, Germany

## Sales Offices/Representative Office

Argentina, Brazil, Chile, Colombia,  
Czech Republic,, Mexico, Poland,  
Russia, South Africa, Spain, Turkey,  
UAE, UK, United States

## Innovation Centers

Austria, Finland, Sweden

## Borouge Locations

### Head Offices

Singapore, UAE

### Innovation/Application Centres

China, UAE

### Production Plants

China, UAE

## Sales Offices/Representative Offices

China, Egypt, India, Indonesia,  
Japan, Singapore, Thailand,  
UAE, Vietnam

## Logistics Hubs

China, Malaysia, Singapore,  
UAE

The purpose of this visualization is of representational nature only. Though it was prepared with the greatest possible attention to detail, simplified illustrations may have been applied.

## Growth

# Growth journey continues in Europe and beyond transforming Borealis into a global business partner

US  
50%  
Baystar

- Ethane cracker (startup 2022)
- Borstar PE plant (startup 2022)

Belgium  
100%  
New PDH Kallo

PDH plant  
(startup 2025)

UAE  
36%  
Borouge 4

- Ethane cracker
- Two Borstar PE plants
- Cross-linked PE (XLPE)
- A hexane-1 unit
- Startup 2025

UAE  
36%  
PP5

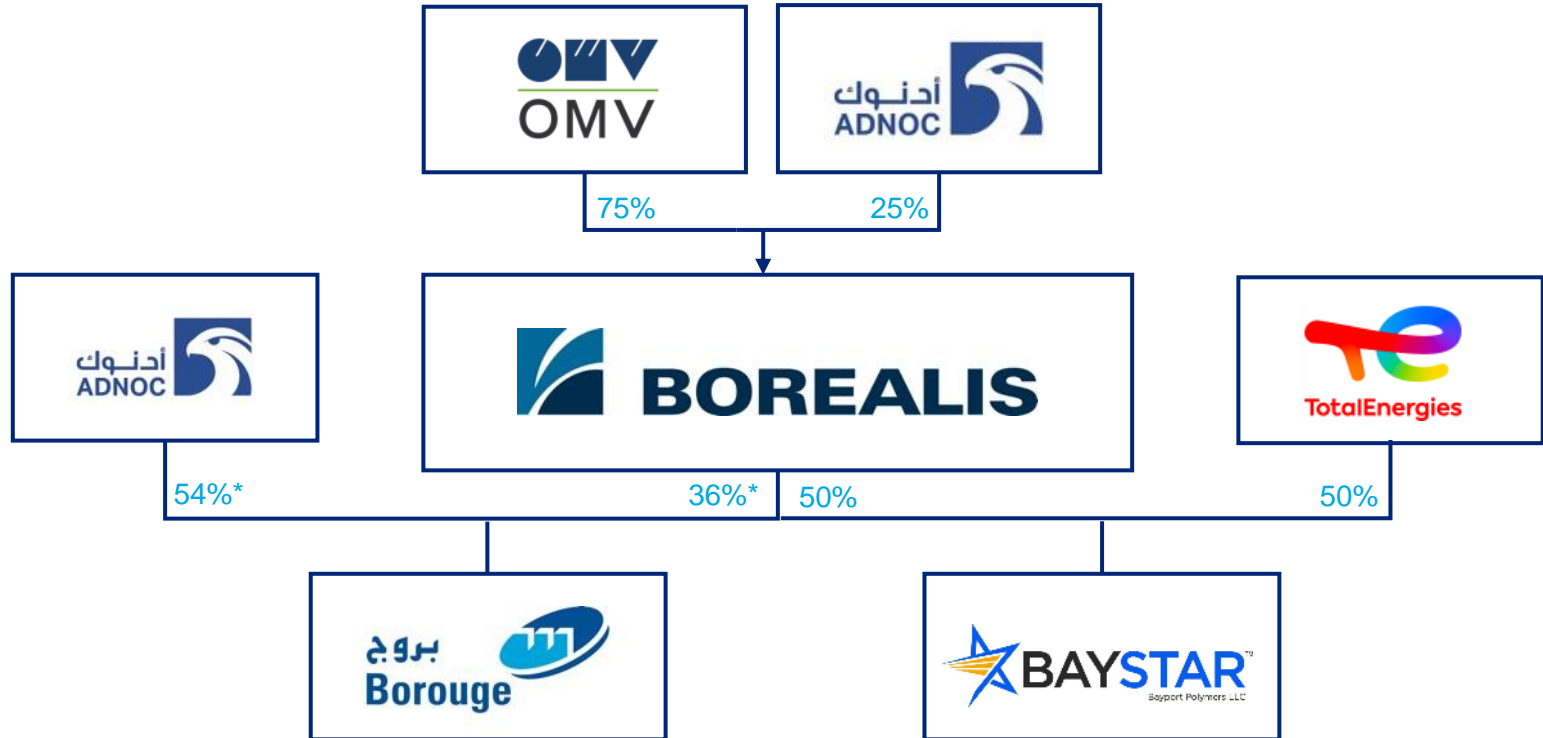
New PP plant  
(started up 2022)

 Borealis

 Borouge (Borealis /ADNOC JV)

% represents Borealis' stakes  
All in execution

# We have an alliance of strong partners at our side



Who we are

## A wealth of experience, leading the way



**Thomas Gangl**  
Chief Executive  
Officer

Over 20 years at OMV including Executive Board Member as of 2019. Appointed Borealis CEO in April 2021.



**Daniel Turnheim**  
Chief Financial  
Officer

Joined OMV Group in 2002. Appointed as Borealis CFO in June 2023.



**Lucrèce Foufopoulos**  
EVP Polyolefins,  
Innovation & Technology

Over 20 years in the chemical and petrochemical industry. Appointed as Executive Vice President in January 2019.



**Wolfram Krenn**  
EVP Base Chemicals  
& Operations

Over 20 years at OMV. Appointed as Executive Vice President in July 2021.



**Philippe Roodhooft**  
EVP Joint Ventures &  
Growth Projects

Over 30 years at Borealis. Appointed as Executive Vice President in 2017.

[CLICK HERE TO LEARN MORE](#)

# We are creating solutions of tomorrow:

Our technologies pave the path for achieving our vision



## Borstar®

multi-modal proprietary technology for manufacturing polyethylene and polypropylene



## Borceed™



## Borlink™

Wire & Cable Technology Platform



## Borealis Sirius

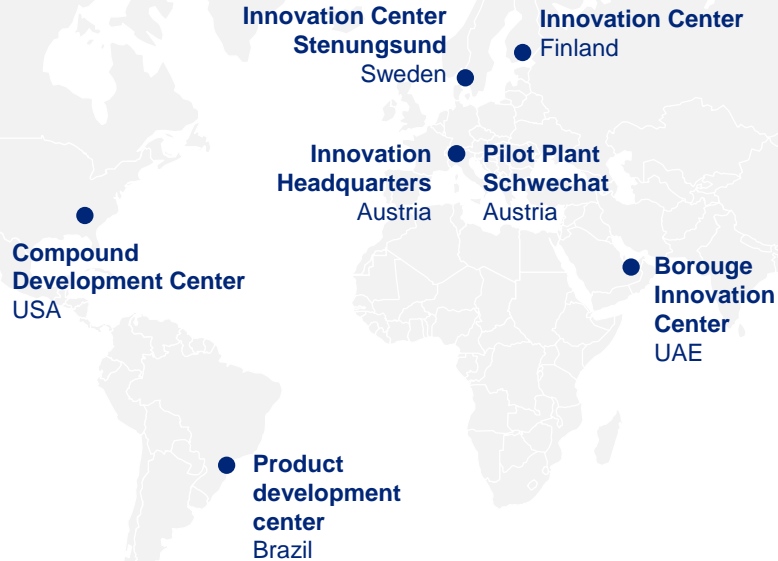


## Borcycle™

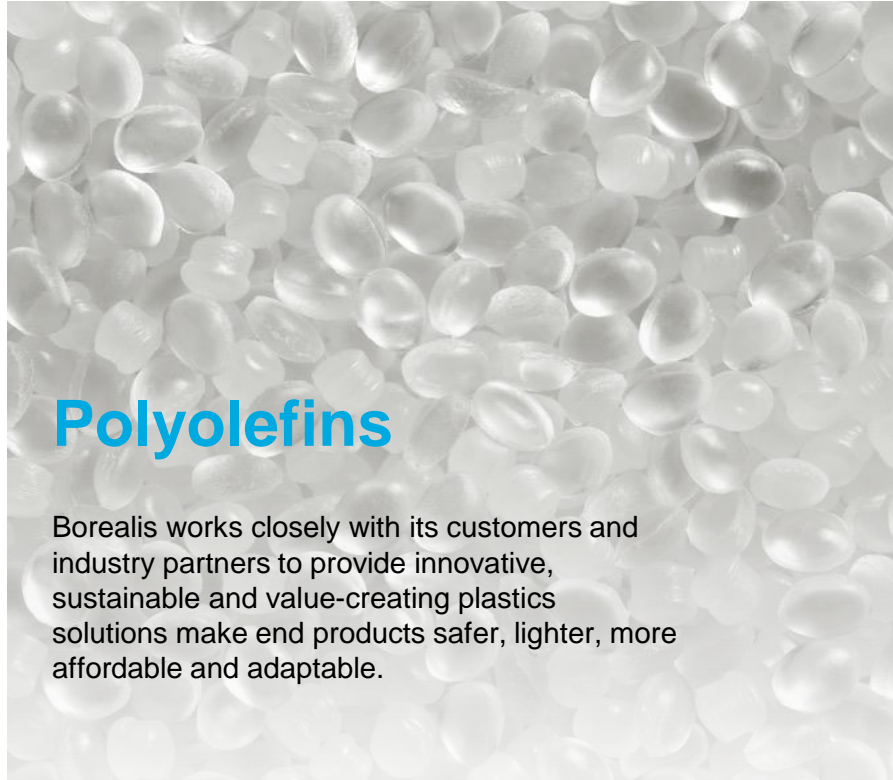
An evolving recycling technology

## Innovation Leadership

# Our R&D capabilities: Innovation centers that combine state-of-the-art facilities with foresighted thinking



## We provide pioneering solutions in two business areas



### Polyolefins

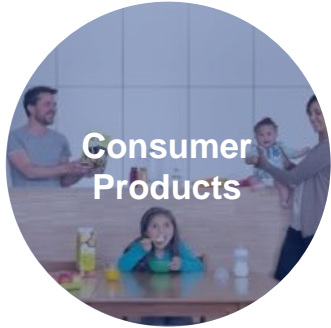
Borealis works closely with its customers and industry partners to provide innovative, sustainable and value-creating plastics solutions make end products safer, lighter, more affordable and adaptable.



### Base Chemicals

Borealis continues to develop its profitable Base Chemicals business building on unique feed-stock technology, logistics and integration strengths.

# We serve advanced polyolefins for virgin and circular economy solutions for these industries



An aerial photograph of a city street, likely in Copenhagen, showing a multi-lane road with traffic cutting through a dense, lush green forest. In the background, a city skyline is visible under a clear blue sky. The text 'What's next?' is centered in the upper half of the image.

What's next?

**Where do we go  
from here?**

### WHAT IS OUR VISION

**A clear vision for our transformation journey**

**A global leader in advanced and sustainable chemicals and material solutions**

### HOW WE WANT TO TRANSFORM

**Key pillars of our strategy 2030 for the challenges ahead**



### WHAT WE WANT TO ACHIEVE

**Commitments 2030 we set ourselves and what to be judged by:**



1.8 million tonnes of circular products and solutions



100% of electricity used of renewable origin



< 2 million tons of Scope 1 & 2 emissions\*

*\* Scope 1 and Scope 2, compared to base year 2019*

# Key pillars of our strategy 2030

## Geographical expansion

**Become a fully global partner to our customers**

We grow through M&A and selected builds in NAM, Middle East and Asia. We leverage Borouge's market presence for in-Asia growth.

## Transformation

**Evolve to a fully customer-centric approach to offer advanced and sustainable material solutions**

### **Circular economy**

We lead the transformation to a truly circular economy across all our applications.

### **Value add**

We invest in compounding and adjacencies to accelerate value creation through innovation.

## Sustainability

We significantly reduce our CO<sub>2</sub> footprint

## Safety

Goal Zero guides our strategic aspiration to be among the safest companies in the industry.

## People & Culture

People make it happen. We shape an experience where everyone can perform at their best and make a difference.

## Innovation & technology

Accelerate circularity, drive specialty growth and create more value in licensing & catalyst technology.

## Performance excellence

We focus on excellence across all activities. Utilize technology and digitalization to drive efficiencies.

## Strong foundation

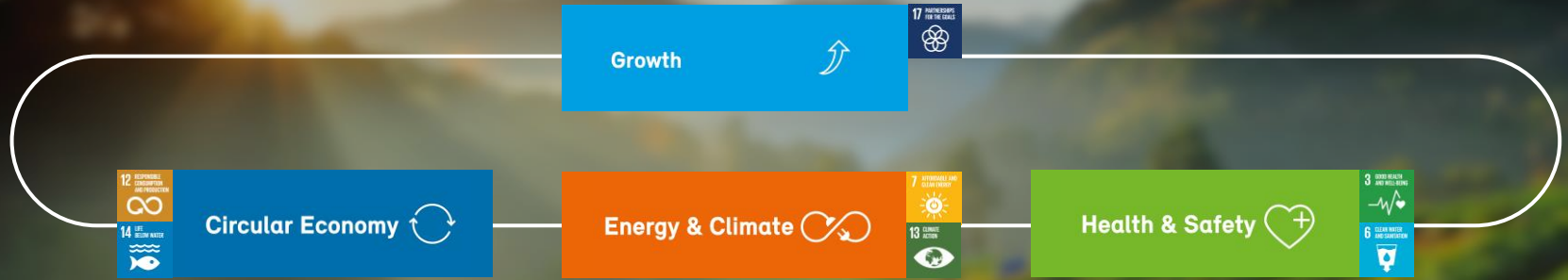
**Build on safety, people & culture, innovation & technology and performance excellence to sustain strong growth.**

A photograph of a person's hand holding a child's hand in a field at sunset. The person is wearing a grey sweater and the child is wearing a pink hoodie. The background is a bright, hazy sunset over a field of tall grass.

Our commitment to the future

**Placing sustainability  
at the core of  
everything we do.**

# Our commitments in line with our ambition to be a sustainable leader




## Our goals

**ZERO**   
pellet loss


**ZERO**   
non-emergency flaring


**ZERO**   
work-related incidents or accidents

**ZERO**   
harmful substances in our products according to REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals)

## until 2030

**100%**   
of electricity from renewable sources

**< 2**   
million tons of Scope 1 & 2 emissions\*

**1,800**   
kilotons of circular products and solutions by 2030

\* From 5.1 million tons in 2019 including the nitrogen business. The divestment process for the Borealis nitrogen business which comprises fertilizers, technical nitrogen, and melamine was closed in July 2023. Scope 1 are direct GHG emissions that occur at the source and are controlled by Borealis. Scope 2 are GHG emissions stemming from the generation of energy purchased by the company.



# Our journey to climate neutrality features numerous efforts



● Belgium

9-year power purchase agreement with Axpo covering the entire output of two wind farms



● Belgium

Collaboration in the Antwerp@C project to investigate CCUS in the Port of Antwerp



● Belgium

Heat recovery with revolutionary Qpinch technology, Antwerp. Electricity + steam from waste-to-energy plant in Beringen



● Stenungsund, Sweden

10-year power purchase agreement for the output of Kronoberget wind farm in Sweden



● Porvoo, Finland

8-year power purchase agreements for renewable electricity from new windfarms operated by Fortum



● Monza, Italy

Solar panels using our proprietary Quentys™ technology installed at our Compound plant in Monza, Italy



# Safety is our number one priority



We strive for **Goal Zero** in occupational health & safety and process safety



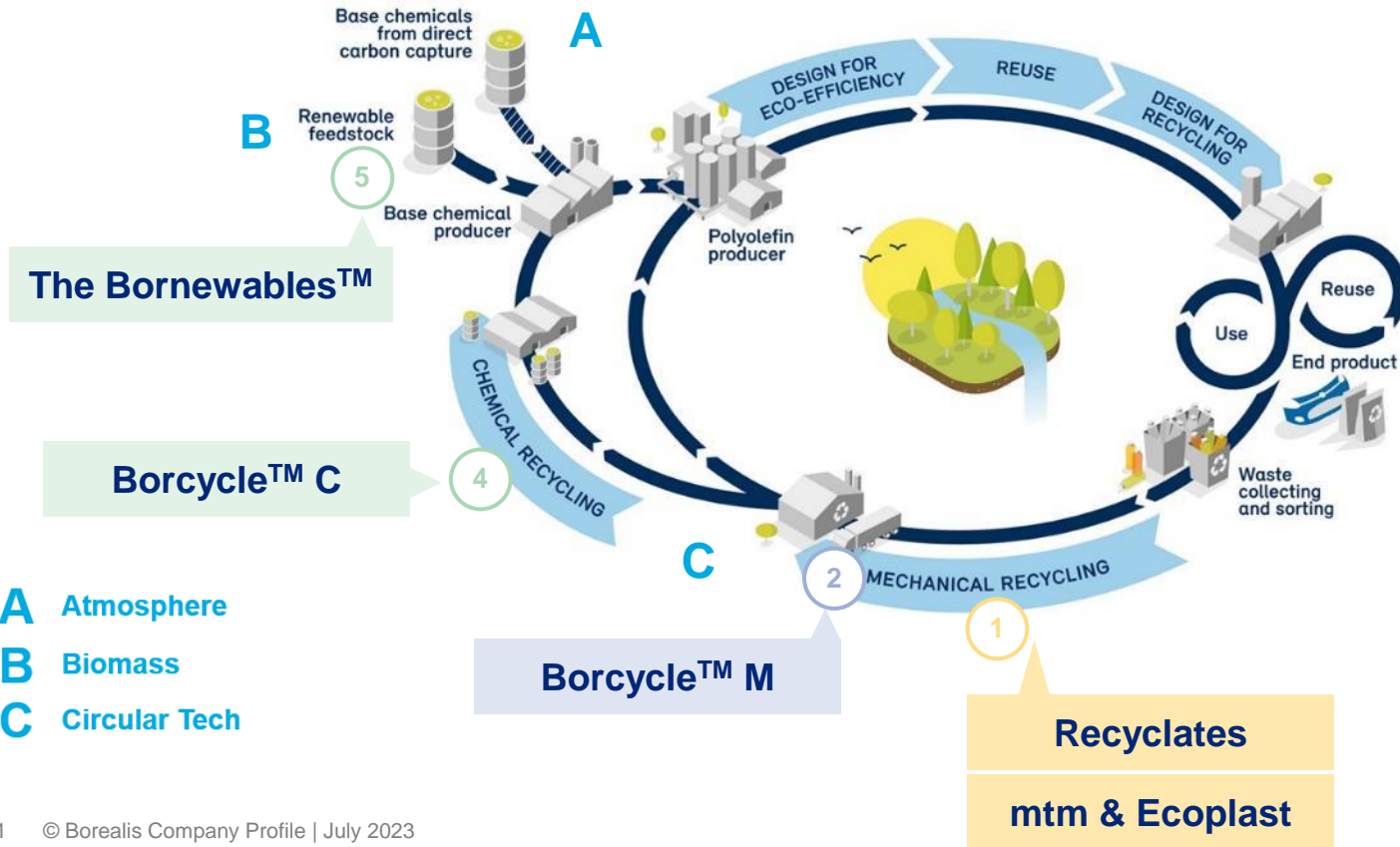
We create **innovations** that enhance safety in food packaging, automotive, healthcare, and water, sanitation, energy and communication infrastructure



We are in full compliance with **REACH** (Registration, Evaluation, Authorisation & Restriction of Chemicals) for all products



# Introducing the circular cascade





# Recyclable, reusable, renewable

In action today:



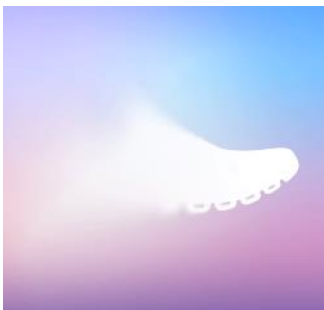
## Reuse and Bockatech

**Reusable** plastics solutions, such as polypropylene beverage cups we developed together with **Bockatech**, replace single-use applications.



## DFR 10 codes of conduct

Borealis' 10 Codes of Conduct promote **Design for Recyclability** in consumer packaging



## On Shoes

**Capturing and utilizing carbon:** Turning carbon emissions into running shoes in cooperation with ON shoes LanzaTech.



## ISCC Plus

**ISCC Plus certified** renewable and chemically recycled polymers

**Thank you!**

**Let's collaborate!**

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