



Polymer Specialties

Investing in your future

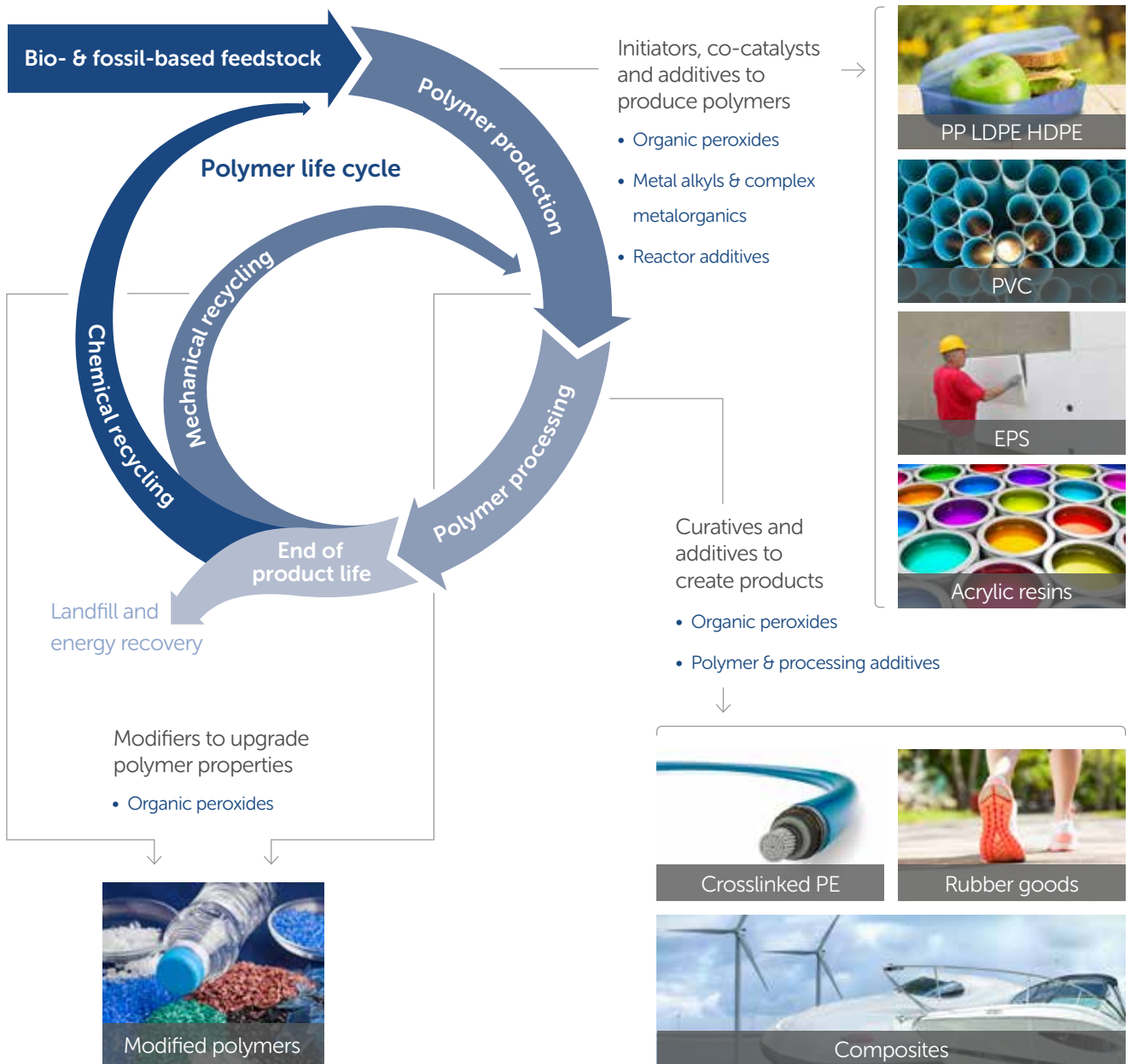
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Global specialty chemicals leader in safety, supply reliability, sustainability and innovation

Nouryon

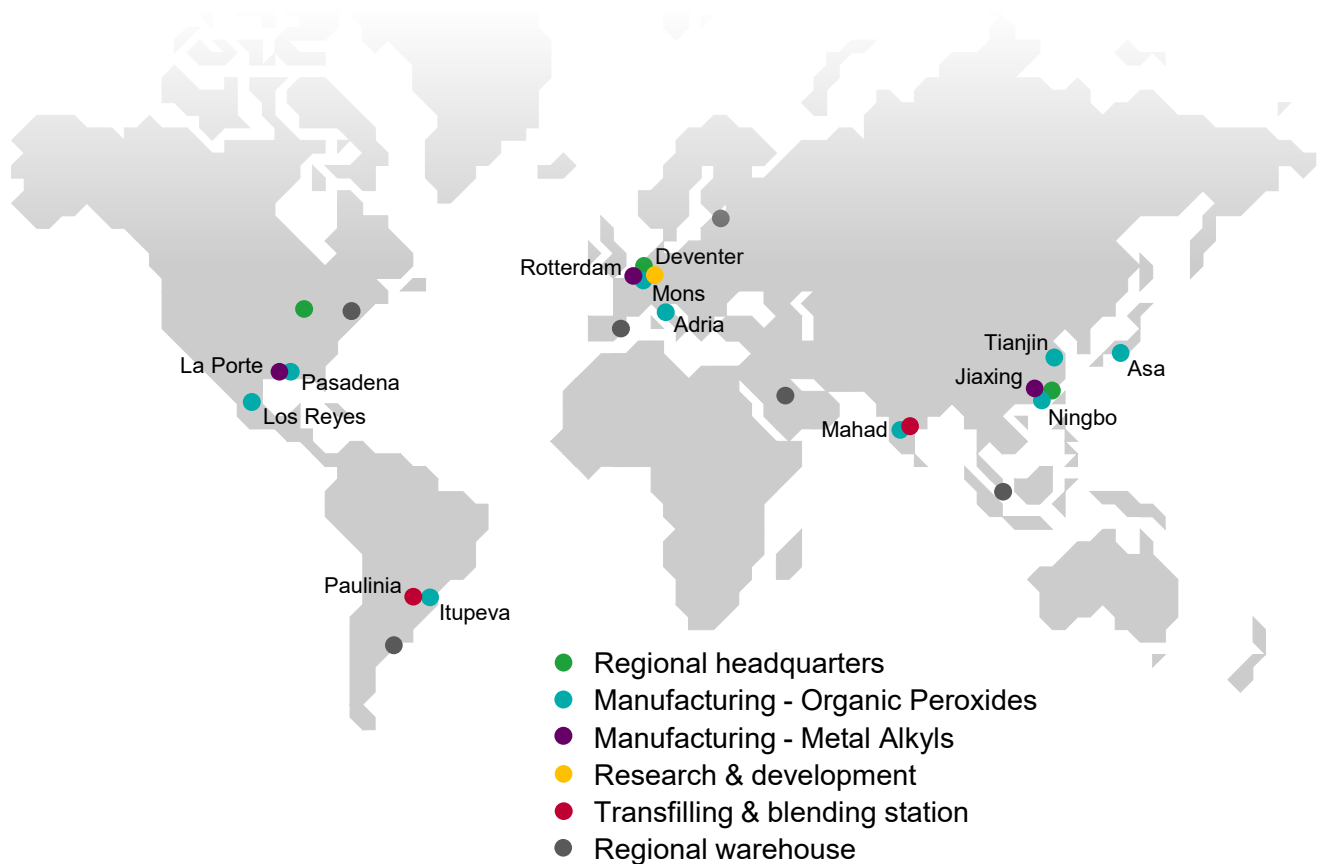
Essential ingredients enabling the polymer cycle

Building on a sustainability driven strategy



Our sites

Our talented team, together with global manufacturing and distribution network, allow us to deliver our polymer products to our customers anywhere in the world, ensuring security of supply and access to quality products.



Expanding our global manufacturing footprint

We are committed to continue investing in optimization of operational footprint, upgrade technologies, increase production volumes and improve supply to better serve our customers and meet the growing needs of the market place.



Investments across the globe:

Metal alkyls and complex metalorganics North America

La Porte, Texas

- Continued site-wide investments to increase operational capacities. Several capacity expansions across product lines, including TEAL, TIBAL, TNOAL, TNHAL, MAGALA[®] BEM, TMAL and aluminoxanes
- Renewed and expanded site control room, enabling future growth

Europe

Rotterdam, The Netherlands

- Increased production capacity of TEAL to further generate growth, improve safety and environmental performance

Deventer, The Netherlands

- Investing to increase complex metalorganics capability and capacity

Asia

Jiaxing, China

- Expanding TEAL capacity and adding transfilling and blending capability

Nouryon is the world's leading producer of organic peroxides, metal alkyls and organometallic specialties for the thermoplastic, composite and rubber industries



Organic peroxides

North America

Pasadena, Texas

- Site-wide improvement and debottlenecking program to increase capacity
- Introduced the Butanox® product range, dimethyl phthalate (DMP)-based methyl ethyl ketone peroxides (MEKPs) portfolio for the curing of thermoset resins and coatings
- Added a worldclass warehouse for the storage of cold peroxides

Los Reyes, Mexico

- Significantly increased capacity for cold peroxides used in PVC and polyolefin production
- Introduced organic peroxide emulsions to the North American market, becoming the first producer to offer these formulations to the US PVC industry
- Expansion of Laurox® production capacity

South America

Itupeva, Brazil

- New MEKP and paste facilities to expand the global footprint and become a leading producer of thermoset curing systems in South America
- Introduction of Trigonox® 187 for Continuous Initiator Dosing (CiD)

Europe

Mons, Belgium

- Site-wide improvement and debottlenecking program to increase capacity
- Introduction of 100 percent renewable green electricity

Asia

Ningbo, China

- Increased DCP capacity up to 38 thousand tons
- New state-of-the-art hydroperoxide facility
- New process technology implemented to increase the eco-efficiency of Trigonox® 101
- Expansion production capacity: Perkadox® 14 and Trigonox® 101

Tianjin, China

- New €90 million state-of-the-art production site to support polymer industry growth in China
- Capability to produce Trigonox® 187 for CiD

Safety, sustainability, and innovation

We partner with our customers, suppliers and employees to deliver innovative solutions, drive progress and create a safe and sustainable today and tomorrow for everyone.

Our 'Commitment to a Sustainable Future,' is based on three pillars:

The graphic illustrates three pillars of sustainability:

- CONTINUOUSLY IMPROVE** our safety and environmental performance. This pillar is associated with icons for 3 (Good Health and Well-being), 9 (Industry, Innovation and Infrastructure), 12 (Responsible Consumption and Production), and 13 (Climate Action).
- GROW AND INNOVATE** to create Sustainable Solutions that answer our customers' needs. This pillar is associated with icons for 2 (Zero Waste), 3 (Good Health and Well-being), 7 (Affordable and Clean Energy), 8 (Decent Work and Economic Growth), and 9 (Industry, Innovation and Infrastructure).
- ENGAGE AND PARTNER** with employees, customers, and suppliers to drive sustainable progress. This pillar is associated with icons for 4 (Quality Education), 5 (Gender Equality), 8 (Decent Work and Economic Growth), and 10 (Reduced Inequalities).

Logos at the bottom include SASB, GRI, Responsible Care, and CDP.

Our effort to **IMPROVE** our environmental performance includes ambitious targets:

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| Safety ambition: zero injuries, waste and harm |
| 2030 |
| By the end of 2030, we have targeted reducing our absolute Scope 1 & 2 Greenhouse Gas (GHG) emissions by 40%, vs. a 2019 base year |
| By the end of 2030, we have targeted reducing our total waste intensity by 10% and water consumption intensity by 10%, vs. a 2019 base year |
| 2050 |
| By 2050, we aspire to be a net zero organization |



We deliver innovative and sustainable solutions that answer society's needs - today and in the future.

Safety

- We are committed to sharing our expertise with our customers, distributors, and suppliers.
- Our company is recognized as a global leader in the safe production and use of organic peroxides and metal alkyls
- We share our experiences and safety knowledge with all of our stakeholders
- We offer onsite and online training on the safe handling of organic peroxides and metal alkyls

Innovation

Nouryon is recognized around the world for its role in pioneering innovation within the polymer industry. We believe that breakthrough solutions require collaboration across the value chain and we continue to forge resilient partnerships for sustainable innovation.

Our innovative product portfolio is well-structured for growth and resiliency

CiD

Continuous Initiator Dosing which enhances PVC reactor output by 20-40 percent while reducing energy costs and lowering CO₂ emissions.

Trigonox® 501

is our new product engineered for better performance in polypropylene visbreaking.

Organic peroxide emulsions

a safer alternative to solvent-based peroxide for making PVC, introduced to the US for the first time.

Perkadox® GB-50

is a DCHP-free go-to curing agent for road marking, flooring, elastomeric roof coatings, adhesives, chemical anchors, and other composites.

Nouryact®

is a cobalt-free accelerators range, providing a sustainable alternative to cobalt-based accelerators which are subject to ECHA reclassification in due course. It also enables easy production of biofiber-based composites.

Perkadox® PM-60ST-GR

is our latest innovation for polymer recycling to reduce the MFI of recycled polypropylene, enabling the incorporation of higher recycled content in final products.

Work with us

Our success has been built on long-lasting and productive partnerships. We find that working collaboratively with a wide range of stakeholders, such as customers, partner companies, universities and startups is helping us become more sustainable, more innovative, and deliver more value to our customers. We devote ourselves to understanding our partners' needs. We believe that by working together in an open and honest way we can develop solutions that help both parties grow. Our reliability and dedication to the polymer industry make us a company our partners can count on.



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