

Pro-Environment Polyols

Pure innovation.
Pure advantage.



Our promise. Your success.

Competitive advantage & speed to market

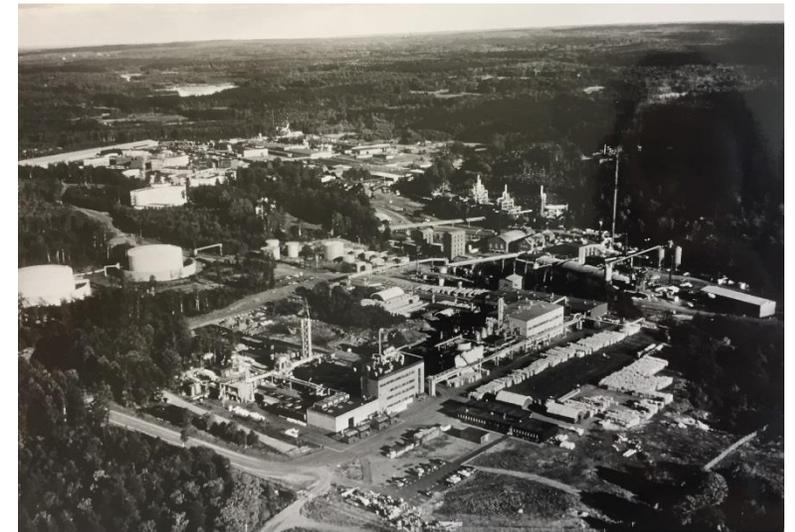
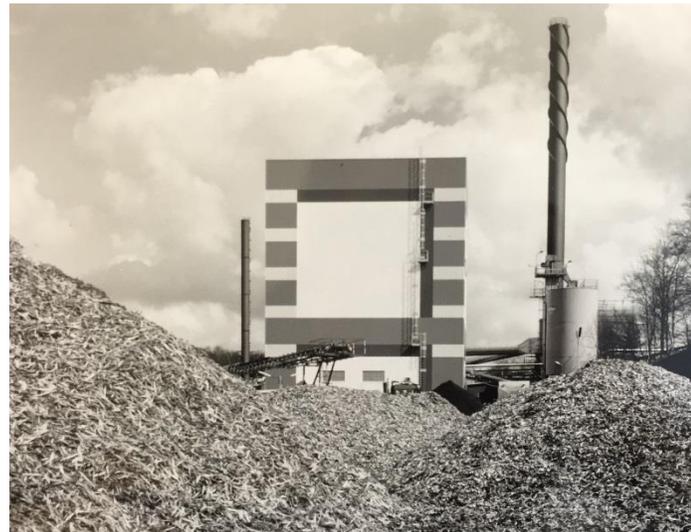
Committed supply & support

Customer success through the value chain

A green history

Back to the roots

Being renewable and sustainable is part of our future but it also takes us back to the roots. Even though sustainability wasn't a thing 100 years ago, Perstorp cultivated an awareness of environmental responsibility. We started by utilizing the local natural resources of the heavily wooded region of southern Sweden to produce what we today call second generation bio-based chemicals and fuels. So, there is really a retro chemistry aspect integrated into sustainable chemistry. Today Perstorp shows a great commitment to sustainable chemistry in both actions and decisions.



Global sustainability trends & drivers* - Resins

- The main driver is environmental concerns. Development is centered around making raw material compatible with more environmentally friendly formulations
- Increasing demand for pro-environment paints & waterborne solutions
- Consumers demand more and more low or no VOC resins plus increased performance & durability
- End consumer needs and not only legislation is driving development
- Resin formulators looking to reduce formulation system costs to balance demand for added performance, durability and pro-environmental solutions
- Strategic relationships between formulators and suppliers becoming more important

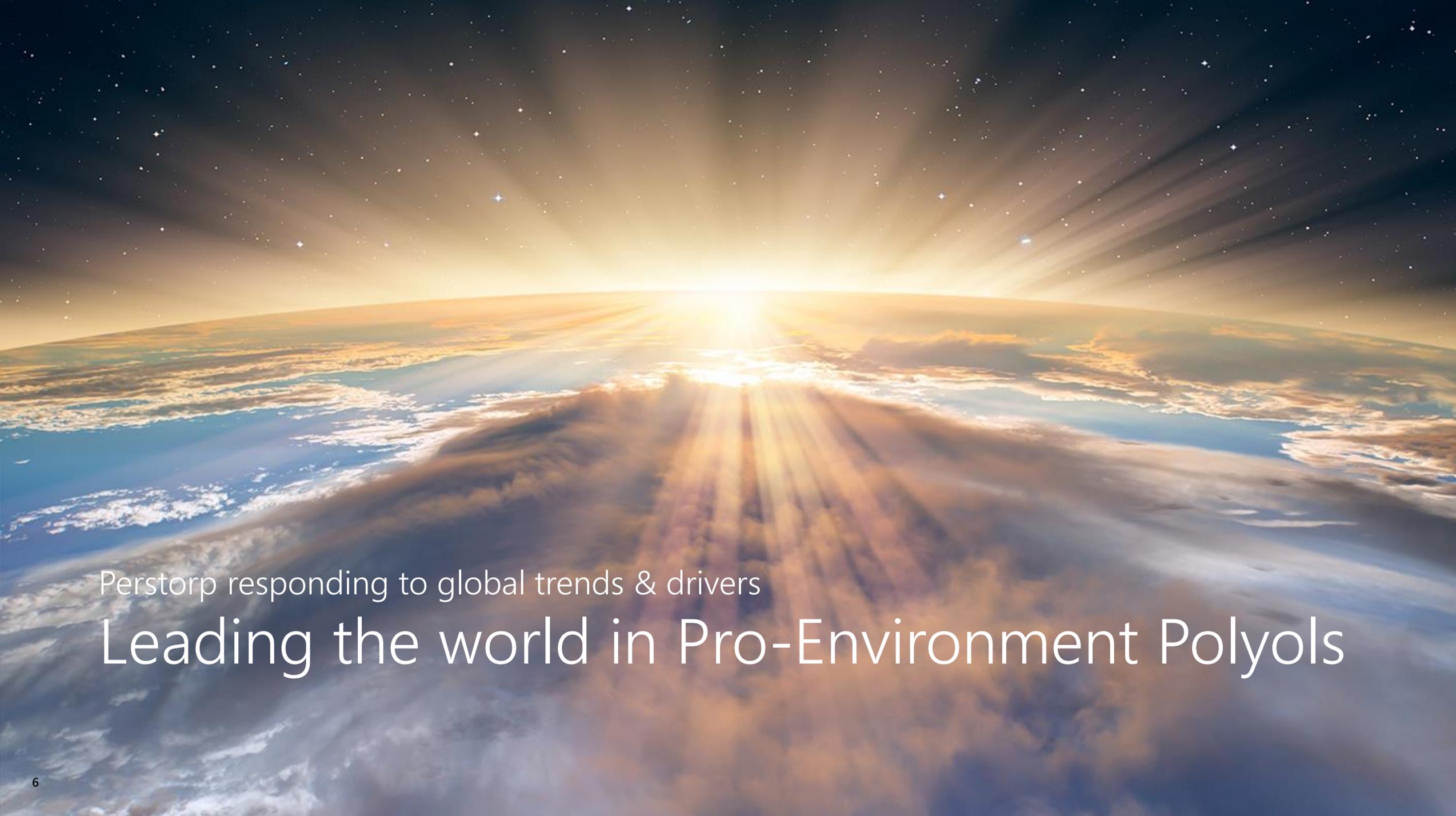
*Coatings world - Resins Market Update. April 2017 & Chemical Economics Handbook April 2017



Global sustainability trends & drivers – Synlubes

- Main synlubes sustainability drivers:
 - › Longer service life through better wear protection
 - › Reduced friction, energy & emissions
 - › Biodegradability
 - › Lower fuel consumption.
- Integrated value chains that are more efficient, more effective and more transparent – with less environmental impact.
- Environmental regulations are fueling the demand for synthetic and bio-based lubricants in the transportation market
- Synthetic lubricants produced from renewable base stocks is a growing trend





Perstorp responding to global trends & drivers

Leading the world in Pro-Environment Polyols

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Innovative and broadest portfolio of Pro-Environmental Polyols

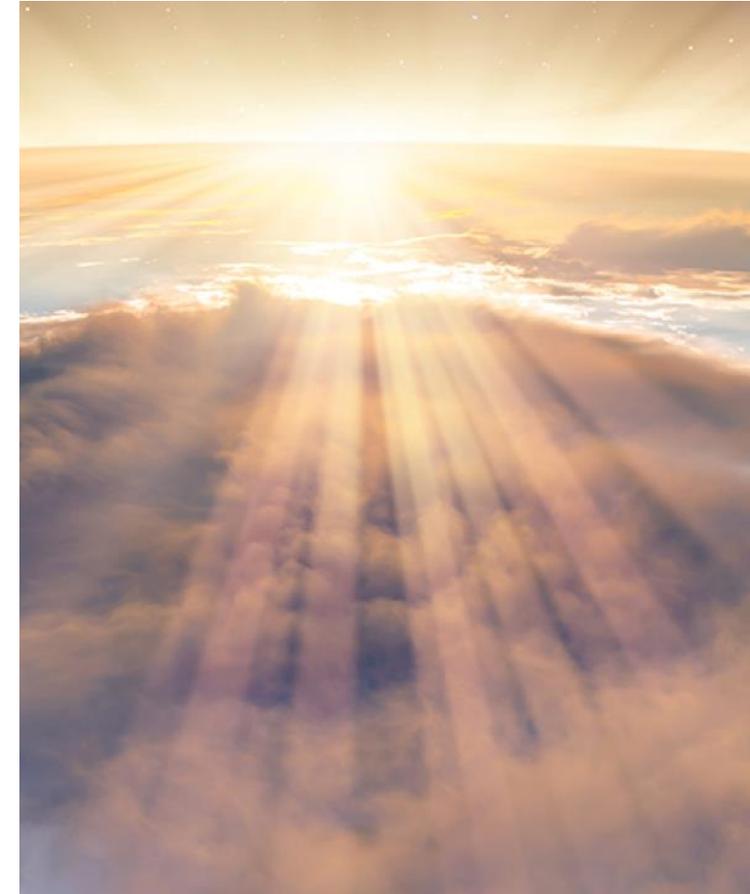
- Voxtar™ the world's first renewable Penta
- New Neeture™ and Evyron™ partly renewable grades of Neo and TMP with no compromise on performance, but with big reductions in environmental impact

Integrated value chain & strategic partner

- Knowledge & expertise in resins, coatings and synthetic lubricant applications
- Science and technology to help you develop new and/or improved products that promote pro-environmental behavior through the value chain

Committed supply and support in a tight market

- We guarantee partners availability of pro-environmental products
- With Perstorp you can meet the sustainability demands of customers and end consumers now and in the future



Leading the world

Our new pro-environmental offer



Our new pro-environmental offer

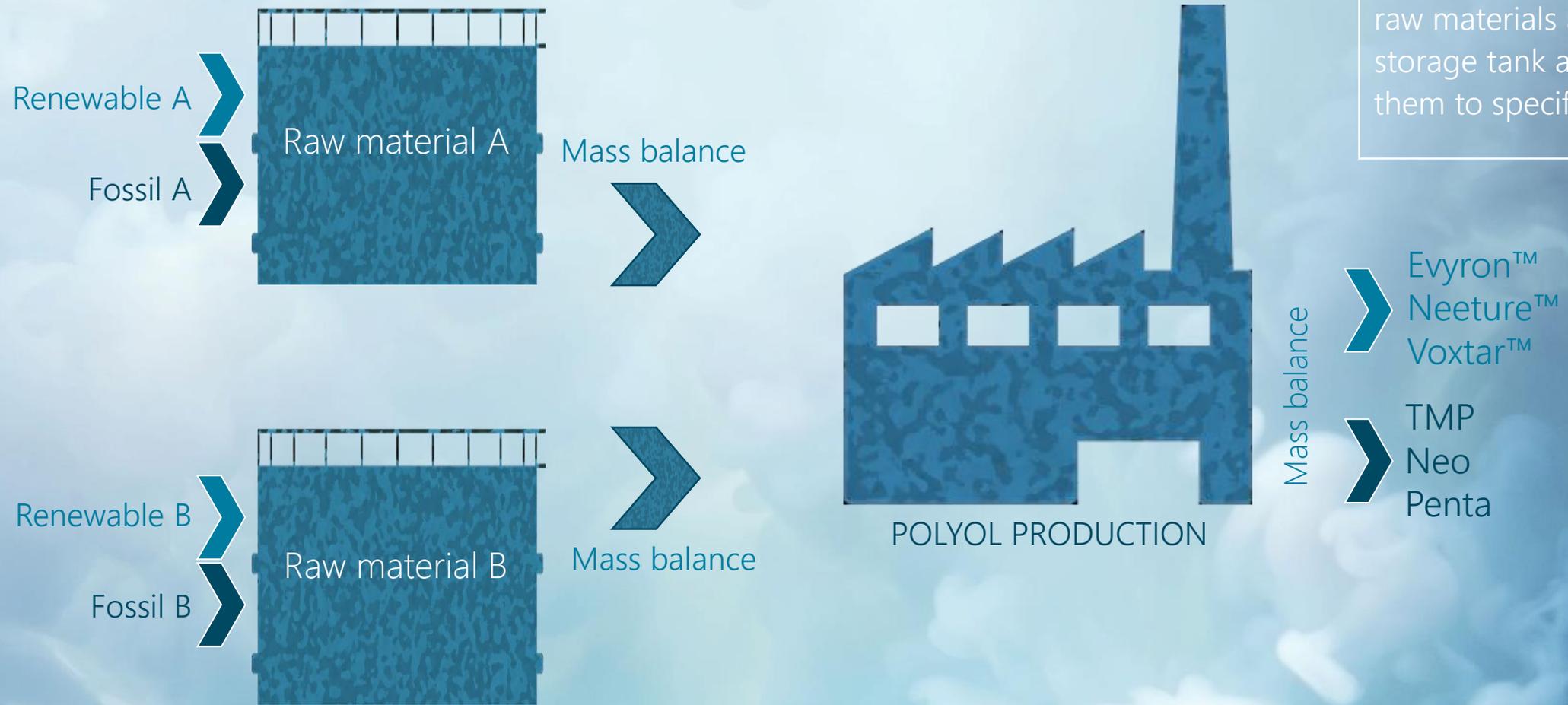
Leading the world

All three base polyols now come with renewable options

- Voxtar™ comes in 40%-100% renewable grades
- Evyron™ and Neeture™ come in two partly renewable grades, 20-50%
- Based on a mass balance concept, supporting sustainable sourcing
- Designed to reduce carbon footprint cradle to grave
- Reliable ISCC certified products
- Drop-in products, with no compromise on quality and performance
- Reassurance of prioritized availability of pro-environment products



Mass balance



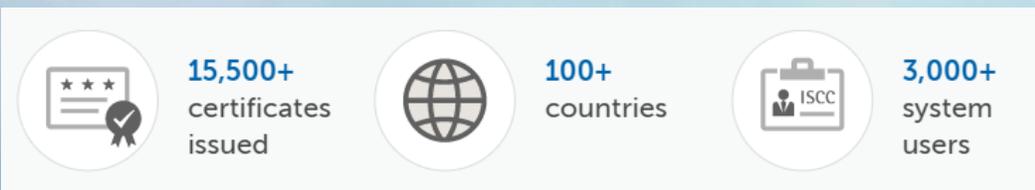
About Mass balance:
To keep track of renewable raw materials added to the storage tank and allocating them to specific products.

ISCC Certificate

International Sustainability & Carbon Certification

FOR TRUST AND RELIABILITY

- › Our products come with an ISCC certificate which guarantees that the bio-based input is sustainably sourced and lives up to requirements set for a more livable future
- › Certified mass balance and carbon footprint calculation



Global Sustainability certification system

- Traceability throughout supply chains
- Implementation of zero-deforestation
- Compliance with human, labour and land rights
- Protection of soil, water, and air
- Protection of land with high biodiversity value and high carbon stock
- Measurement and reduction of greenhouse gas emissions

We'll help you
make a real
difference





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