



ALBERDINGK BOLEY

Voluntary Sustainability Initiatives

Pioneering Green Chemistry
for over 250 Years

Team Sustainability





Who we are

INNOVATIVE. SUSTAINABLE. CUSTOMER ORIENTED.

KEY FACTS

Private-owned, independent and medium-sized - with an annual turnover of **more than 250 million euros**.



250+

Years of Experience



Pioneer

in Bio-Based Polymer Dispersions



500+

Employees Worldwide



Customer Oriented

Close to You. Focused on Solutions.



Global

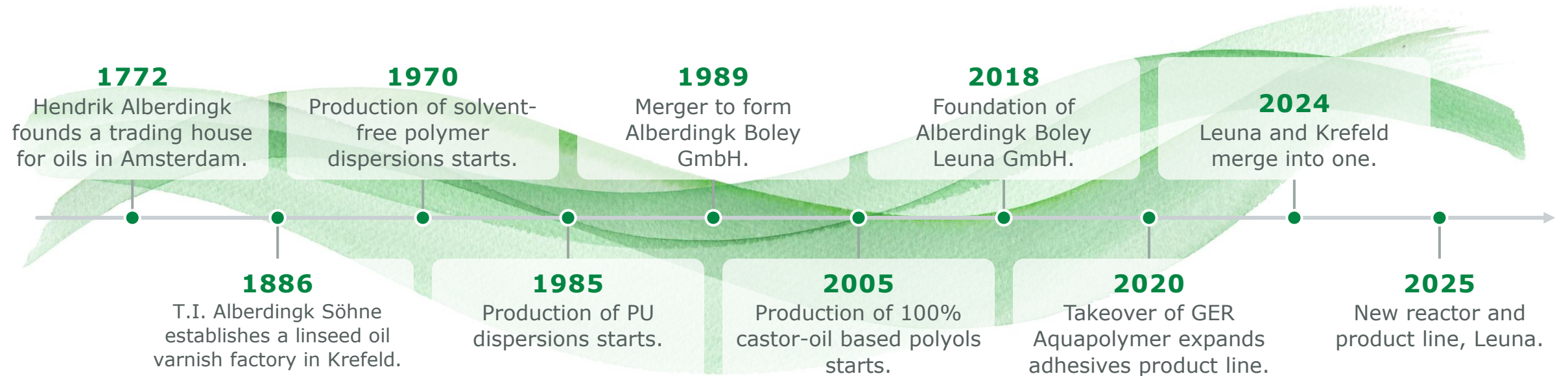
Manufacturing & Customer Network





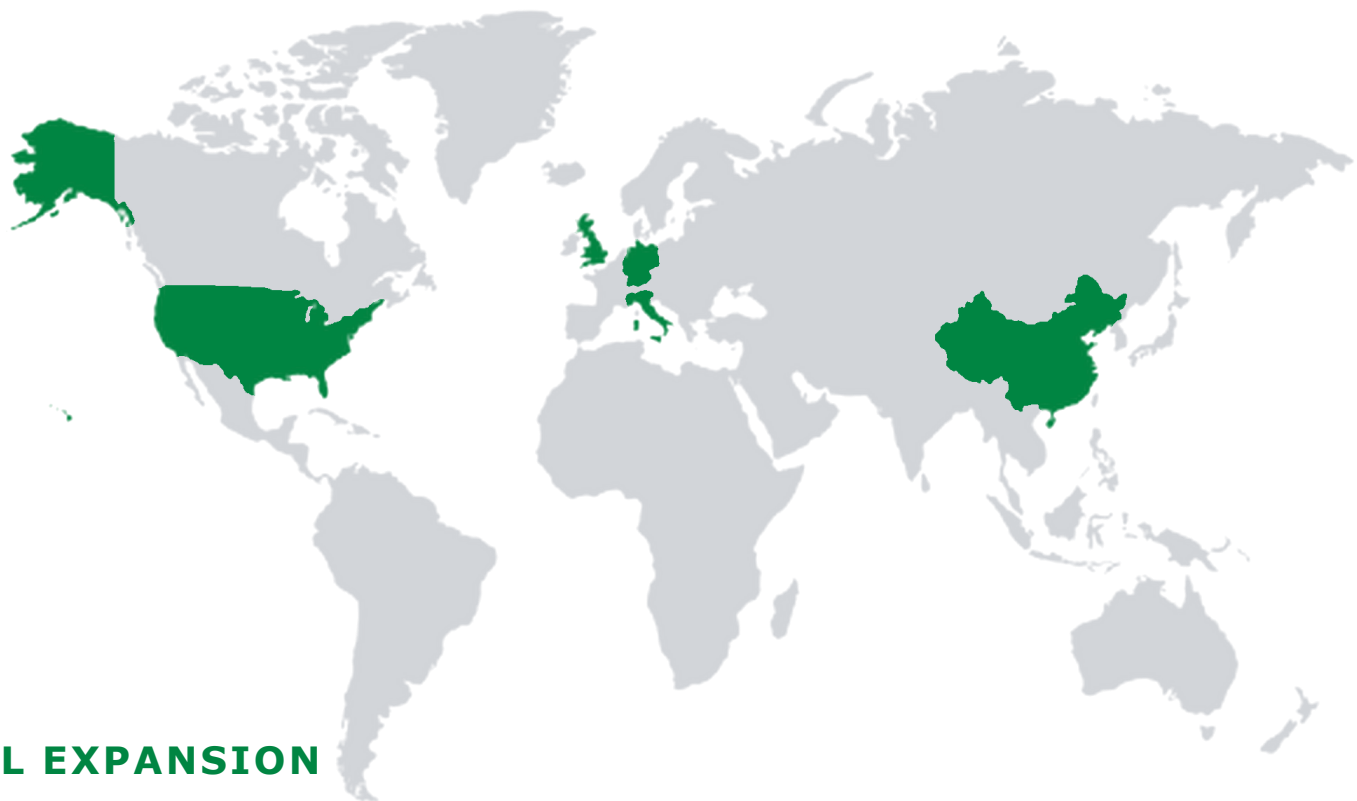
Where we come from

ROOTS & MILESTONES IN GERMANY 250+ years of family history





Where you can find us



GLOBAL EXPANSION



OUR LOCATIONS

GERMANY (HEADQUARTER)

Krefeld – Head Office, R&D, Production
Kerpen – Polytan Production
Leuna – Production

UNITED KINGDOM

Wetherby

ITALY

Treviso

USA

Greensboro, NC

CHINA

Shenzhen – Head Office
Zhuhai – Production
Wuxi – Branch Office



Certified, committed, transparent

RATINGS & CERTIFICATES

- **EcoVadis Gold** – top 5% of all companies worldwide (Dec 2025)
- **USDA Certified Biobased Product** – BioPreferred Champion, 90% biobased
- **ISCC PLUS** – certified mass-balance chain
- **BSFZ** – certified R&D innovation competence



INDUSTRY COMMITMENT

- **Chemie³** – sustainability initiative of the German chemical industry
- **VCI Responsible Care[®]** – following the association's guidelines
- **EPDLA member** – committed to responsible development
- **IHK Biodiversity Alliance** – local environmental engagement



SUPPLY CHAIN & PEOPLE

- **IntegrityNext** – assessed on 25+ topics; certificates downloadable by customers
- **Tacto ESG** – supplier ESG risk assessment and management
- **Sustainable Castor Association** – GMO-free, non-food feedstock
- **Great place to work** – Charta der Vielfalt, family-friendly, best training company 2025





Our Product Portfolio

Our products refine, connect, beautify, and protect surfaces across a wide range of applications such as adhesives, construction, leather & textile, metal, plastics, printing & packaging, wood, and many more.

WATER-BASED DISPERSIONS



Acrylics, polyurethanes & hybrids and UV-curables for coatings and adhesives.

POLYOLS



Aliphatic and aromatic cured systems plus VOC-free 100% polyols.

NATURAL OILS



Castor and linseed oils and their derivatives.

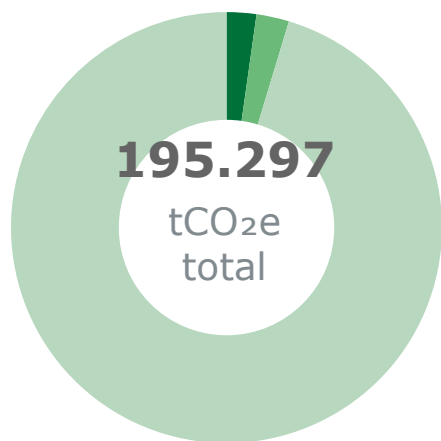
TECHNICAL SERVICE

Experienced product and formulation know-how, clear advice, formulation proposals and application tests to the latest methods.



Corporate Carbon Footprint

CORPORATE CARBON FOOTPRINT 2025



Scope 1 (Direct Emissions)
4.351 tCO₂e **2,23%**

Scope 2 (Indirect Energy Emissions)
4.944 tCO₂e **2,53%**

Scope 3 (Indirect Value Chain Emissions)
186.001 tCO₂e **95,24%**

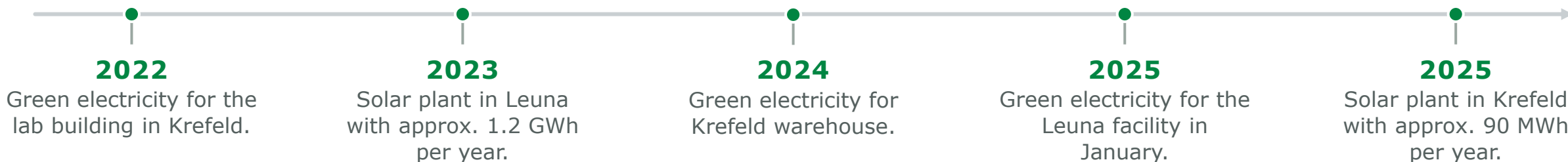
CURRENT PROGRESS

- Scope 1: -6%
- Scope 2: -10.5%

TARGET

- **-35%** reduction of Scope 1 & 2 until 2035 vs. the 2024 baseline
- Scope 3 was first measured in 2025; target to follow.

RENEWABLE ENERGY DEVELOPMENT





CSRD/ ESRS aligned voluntarily!

What we do

- Energy, greenhouse gas emissions and social performance data reported annually
- Consistent method, figures stay comparable year on year

Why it helps you

- Reliable and Verified sustainability data you can rely on
- Ready to use in tenders, audits and supplier reviews

What it tells about us

- Strengths and areas for improvement reported transparently
- Full transparency, no blind spots

Why we start now

- Customers increasingly require verified ESG data
- We already deliver it – today

**Transparency today.
Trusted partnership tomorrow.**





Responsible Supply Chains

What we do

- Full traceability of our key raw material sources
- Annual ESG screening across our supplier base

Why it helps you

- Lower supply risk – reliable deliveries
- Documented standards, supporting audits and ESG enquiries

What it tells about us

- We develop our suppliers as long-term partners
- Identified gaps are closed step by step

Why we start now

- Customers expect proof of responsible sourcing
- We can already provide this transparency– today

Transparent sourcing. Lower risk.





Future Product Strategy

Product Carbon Footprints

Currently available for about 180 products; planned for all products

Renewable PUDs

Expand renewable PUD portfolio
→ lower carbon coatings

Sustainable Acrylics

Focus on biobased and recycled materials
→ reduced fossil dependency

Biomass Balance

Expand certified product portfolio
→ ISCCplus certified sustainability





Measurable Biobased Content

CASTOR OIL BASED PUDS

Castor oil enables verifiable, non-food biobased PUDs with recognized compliance proof.

Organic proof

Analytically verifiable organic content up to 55%

Responsible feedstock

Not in competition with food sources GMO-free castor oil

Compliance ready

European Deforestation Regulation (EUDR) Nagoya Protocol

Clear proof for lower-carbon coatings.

BIOBASED ACRYLICS e.g. Alberdingk® Ren AC 8403 VP

Biobased acrylic dispersion for premium corrosion protection with a measurably lower material footprint.

Biobased content

32% biobased raw-material share

Corrosion performance

C5 high-corrosivity environments

Non-toxic formulation

Zero aqua-toxic pigments needed

Less film build. Same protection.



Biomass Balance Approach

ADVANTAGES

Biomass-balanced raw materials reduce the Product Carbon Footprint without changing product performance.

Carbon Footprint reduction

Lower PCF through biomass-balanced feedstocks

Same product properties

No impact on formulation, application or performance

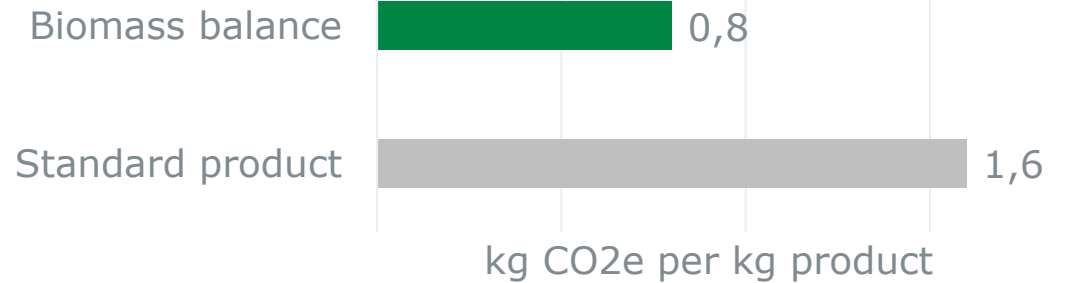
Certified approach

ISCC PLUS certified mass-balance chain

Lower footprint. Same quality.

PROOF Product Carbon Footprint (PCF) Example

Alberdingk® AC 2523 compared with biomass-balance version



-50% PCF-Reduction

Same product properties; lower footprint via certified raw material allocation.



ISCC PLUS certified

Mass-balance approach with documented certification chain.



Explore the Alberdingk Boley Website

- <https://www.alberdingk-boley.de/en/Legal-Note/>
- <https://www.alberdingk-boley.de/en/Company/Corporate-Policy/>
- <https://www.alberdingk-boley.de/en/General-terms-and-conditions/>
- <https://www.alberdingk-boley.de/en/Privacy-Statement/>
- <https://www.alberdingk-boley.de/en/Company/Quality-Environment-Safety/>
- <https://www.alberdingk-boley.de/en/Sustainability/>
- <https://www.alberdingk-boley.de/en/Sustainability/Certificates/>
- <https://www.alberdingk-boley.de/en/Sustainability/Supply-Chain/>

**Innovative. Sustainable.
Customer-oriented.**

For questions, please visit our [Website](#) or
contact our Team Sustainability via [E-mail](#)

