

Our path to emission reduction to enable sustainable coating and ink solutions



NEXTGEN ✖ Technologies

- 1 Raw Material Extraction
- 2 Chemical Processing
- 3 Evonik Production

NEXTGEN ✖ Solutions

- 4 Coating & Ink Formulation
- 5 Application & End-Use
- 6 Disposal & Recycling

We are dedicated to implementing sustainable solutions at every stage of the coatings and inks value chain. Our **Next Generation Technologies** focus on minimizing emissions both upstream and on-site.

1 & 2 Raw materials:

We have launched a supplier engagement program to exchange emission data sets, improve data transparency, and establish targets for emission reductions. By 2024, more than 84 percent of our suppliers are expected to have their own sustainability targets (reference: **Evonik Sustainability Report 2024**).

Sourcing low carbon footprint raw materials includes:

- Substituting fossil-based raw materials with renewable alternatives
- Innovative developments such as our biosurfactants
- ISCC Plus certified mass-balanced products.

3 Our on-site emissions:

We are committed to decarbonizing our production units through:

- Green electricity, electrified steam and heat generation
- Process enhancements, including improvements in logistics and packaging

Status of our 2030 Emission Reduction Targets:

Our targets have been validated by the Science-Based Targets initiative (SBTi). The baseline year for these targets is 2021.

Scope 1 & 2
Well below 2 °C

2030 -25%

Scope 3



2030 -11%

Our **Next Generation Solutions** demonstrate a distinctly positive sustainability profile throughout downstream operations.

They provide sustainable benefits in several areas: **4** formulations, **5** during application, end-use and even **6** at disposal and recycling.

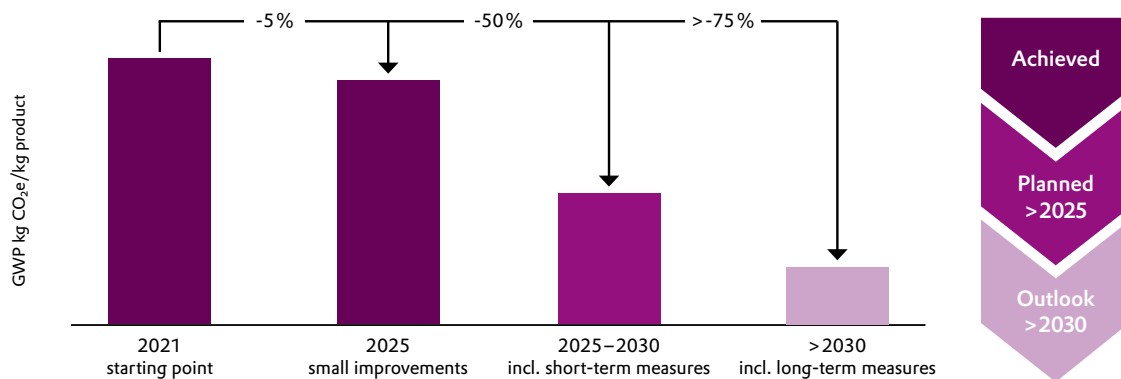


Click or scan the QR-code for more information on our Next Generation Solutions!

We provide our customers with sustainability data, including Life Cycle Assessments (LCAs) in accordance with ISO 14040/44 and ISO 14067 standards, as well as the Together for Sustainability (TfS) Product Carbon Footprint (PCF) guidelines. Evonik is actively involved in the TfS initiative, contributing to the development

of common calculation standards and the creation of a secure, web-based platform for sharing PCF data, called SiGREEN. Through our climate initiatives, we strive to be at the forefront of iterative product emission reductions while simultaneously enhancing product performance today and into the future, beyond 2030.

Exemplary product carbon footprint reduction map with different levers to reduce product emissions over the years



We take responsibility for setting sustainable standards while minimizing the effort required from our customers. Our commitment to sustainability is assessed by a third party and audited annually by the EcoVadis rating agency, placing us among the top 5 percent of companies evaluated by EcoVadis. We are dedicated to responsible sourcing and management to protect the needs of our planet and future generations.

For further information on high-performance low carbon footprint solutions contact us at sustainability-coating-additives@evonik.com or visit **COATINO®** to get sustainability product data.



Click or scan the QR-code for biosurfactant factsheet



Click or scan the QR-code for massbalance factsheet



Click or scan the QR-code for massbalance video

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