

Evonik Catalyst

Project: Sustainability website Q&A feature interview

“Our commitment to sustainability drives us to create solutions that not only meet the needs of our clients but also contribute to a healthier planet.”

Dr. Max Preisenberger
Head of Catalysts Business Line

At Evonik Catalysts, we consider sustainability at every step of the way. Catalysts and adsorbents play a critical role across industries in their pursuit of achieving a Net Zero future, helping to advance innovation in sustainability ambitions.

Dr. Max Preisenberger, head of Evonik Catalysts business line, shares what sustainability means to him and the company, the current industry challenges, and how we are helping our customers to create a sustainable future.

What does sustainability mean to Evonik Catalysts?

Sustainability is an integral part of our business strategy – not some separate, detached concept that’s been designed to impress the public. For me, sustainability is a business term that pays dividends in terms of customer process innovation and profitable business growth.

When talking about catalysts, it’s important to remember that they are directly linked to sustainability, as they are unique technological enablers for new economic resources and energy-efficient chemical processes.

What are the current challenges the chemical industry faces?

The chemical industry is in a transformation phase as it faces major challenges that relate specifically to developing new, economically viable solutions.

Areas such as enabling a circular economy, industrial transformation towards defossilization, using renewable raw materials, capturing and utilizing carbon dioxide, and accelerating the energy transition are just a few examples of where the industry needs to address its approach to sustainability.

How is Evonik Catalysts helping its customers create a sustainable future?

Innovation and next-generation solutions are the engine of our growth strategy. Our approach to innovation is not just about products and creativity; it involves a thorough and realistic assessment of the short- and medium-term trends and challenges faced by our customers in the chemical process industry.

Understanding these dynamics is essential to not only our success, but it also enables us to develop solutions that meet the evolving needs of our clients.

We're helping our customers create a sustainable future by positioning ourselves as a leader in delivering effective and sustainable solutions that drive growth and efficiency.

What does a sustainable future look like?

We are experts in catalysts and adsorbents, and our commitment to sustainability drives us to create solutions that not only meet the needs of our clients – today and in the future – but also contribute to a healthier planet.

With this in mind, we've created three core pillars that define our approach to achieving Evonik Catalysts' sustainability ambitions – for our business, customers and the wider industry:

1. **Circular economy:** An industry that embraces a circular economy model, focusing on minimizing waste through the reuse and recycling of materials. Catalysts would be designed for durability and reusability, significantly reducing the demand for new resources.
2. **Reduced carbon footprint:** Companies prioritize the development of low-carbon processes, utilizing renewable energy and innovative catalysts that enhance energy efficiency. This would lead to substantial reductions in greenhouse gas emissions across the chemical production lifecycle.
3. **Collaboration for sustainability:** A culture of collaboration among manufacturers, customers, and stakeholders would foster knowledge sharing and innovation aimed at sustainability. This would involve proactive engagement in sustainable practices and compliance that exceeds regulatory requirements.

We believe that by embracing this responsibility, we can lead the way in shaping a more sustainable future for the chemical industry.

Discover more about our commitment to a sustainable future

Find out more about how [our catalysts can assist your business in achieving its sustainability targets](#) by reducing waste and unwanted byproducts, reducing energy consumption and CO₂ emissions, and adapting to new biobased raw materials.