

Press release

Solvay advances worldwide circular silica strategy

Asian conversion marks a global shift toward sustainable sourcing, enabling tire makers to adopt circular materials at scale.

Brussels, September 16, 2025

Solvay is accelerating its global circularity efforts by converting its highly dispersible silica (HDS) production in Asia to circular raw materials. As of 2026, plants in Qingdao (China) and Gunsan (South Korea) will adopt ISCC+ certified waste sand. This pivotal shift could enable over half of Solvay's regional HDS capacity to become circular, directly supporting the tire industry's ambitious target of achieving 40%+ circular raw materials by 2030, with a worldwide rollout planned from 2026 onwards.

By replacing virgin raw materials with industrial waste, Solvay develops technologies to reduce resource consumption and offers tire manufacturers a seamless, cost-effective, high-volume, drop-in circular [Zeosil®](#) silica that requires no reformulation.

This strategic move expands upon the successful conversion of Solvay's Livorno (Italy) site, which uses rice husk ash, and reflects a coordinated, global approach to circular sourcing. It complements Solvay Silica's broader sustainability roadmap, which includes implementing low-emission technologies, such as electric furnaces, to reduce the product carbon footprint of silica worldwide.

"Solvay's circular silica helps improve fuel efficiency and EV range, offers long-lasting wear benefits, improves safety, while advancing sustainability," said An Nuytens, President of Solvay's Silica business unit. "This is more than innovation - it's a reinvention of how we source, produce, and collaborate across the value chain."

Solvay is a pioneer in offering circular silica beyond rice husk ash across multiple global regions. This transition fosters stronger, more sustainable supply chains through new partnerships and sourcing methods throughout the value chain.

Related media



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About Solvay

Solvay, a pioneering chemical company with a legacy rooted in founder Ernest Solvay's pivotal innovations in the soda ash process, is dedicated to delivering essential solutions globally through its workforce of over 9,000 employees. Since 1863, Solvay harnesses the power of chemistry to create innovative, sustainable solutions that answer the world's most essential needs such as purifying the air we breathe and the water we drink, preserving our food supplies, protecting our health and well-being, creating eco-friendly clothing, making the tires of our cars more sustainable and cleaning and protecting our homes. Solvay's unwavering commitment drives the transition to a carbon-neutral future by 2050, underscoring its dedication to sustainability and a fair and just transition. As a world-leading company with €4.7 billion in net sales in 2024, Solvay is listed on Euronext Brussels and Paris (SOLB). For more information about Solvay, please visit solvay.com or follow [Solvay](#) on LinkedIn.