

Press release

Solvay Peroxides in Finland to reduce its transportation carbon footprint

H₂O₂ product shipments from Finland to shift to biofuel, cutting the transportation CO₂ emissions by more than 80%

Voikkaa, January 23, 2024

Solvay is partnering with transportation providers [KIITOSIMEON](#) and [ADAMS LOGISTICS](#) to reduce the carbon footprint of its facility in Voikkaa, [Finland](#). Known for its high-productivity hydrogen peroxide technology, the site has a yearly capacity of 85 kilotons, making it the largest hydrogen peroxide unit in the country and one of the largest in Europe. However, the transportation of its products results in more than 850 tons of CO₂ emissions annually, attributed to the several thousands deliveries conducted each year.

While the Voikkaa site has been operating on [100% wind-generated electricity since 2023](#), the journey towards decarbonization takes another step forward as it transitions transportation fuel from diesel to biofuel in the first quarter of 2024. This shift will result in a significant annual reduction of over 700 tons of CO₂ emissions, representing more than 80% reduction in the site's transportation carbon footprint.

"We are dedicated to making real progress in our climate roadmap. Our partnership with transporters to transition to biofuel for H₂O₂ shipments in Finland marks a substantial move toward reducing our carbon footprint," said Carlos Silveira, President of Solvay Peroxides. "As we advance on our path to carbon neutrality, our commitment remains unwavering in promoting sustainability and innovation throughout our operations."

As part of its commitment to [carbon neutrality by 2050](#), Solvay has outlined a sustainability roadmap with around 40 energy transition projects. These projects focus on eliminating coal usage, emphasizing renewable energy sources, prioritizing energy efficiency, and driving process innovation. Solvay has further committed to reduce its emissions¹ along the value chain by 20% by 2030.

Solvay is the worldwide leading producer and supplier in [hydrogen peroxide](#). It serves diverse markets such as food and wastewater treatment, mining, environmental processes and emerging fields like electronics, battery recycling, and urban mining. Operating globally, Solvay Peroxides ensures customers a secure and sustainable supply across EMEA, Asia Pacific, and the Americas.

¹ scope 3 emissions, focus 5 categories, 2021 baseline

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. As a world-leading company with €5.6 billion in net sales in 2022 and listings on Euronext Brussels and Paris (SOLB), its unwavering commitment drives the transition to a carbon-neutral future by 2050, underscoring its dedication to sustainability and a fair and just transition. For more information about Solvay, please visit [solvay.com](https://www.solvay.com) or follow [Solvay](#) on LinkedIn.

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