

Press release

Solvay expands operations across recycling facilities in Europe to enhance circularity in flue gas treatment

Capacity expansions in France and Italy meet the rising demand for SOLVAir® and enhance the use of circular raw material across Solvay's facilities in Dombasle and Rosignano.

Brussels, January 16, 2024

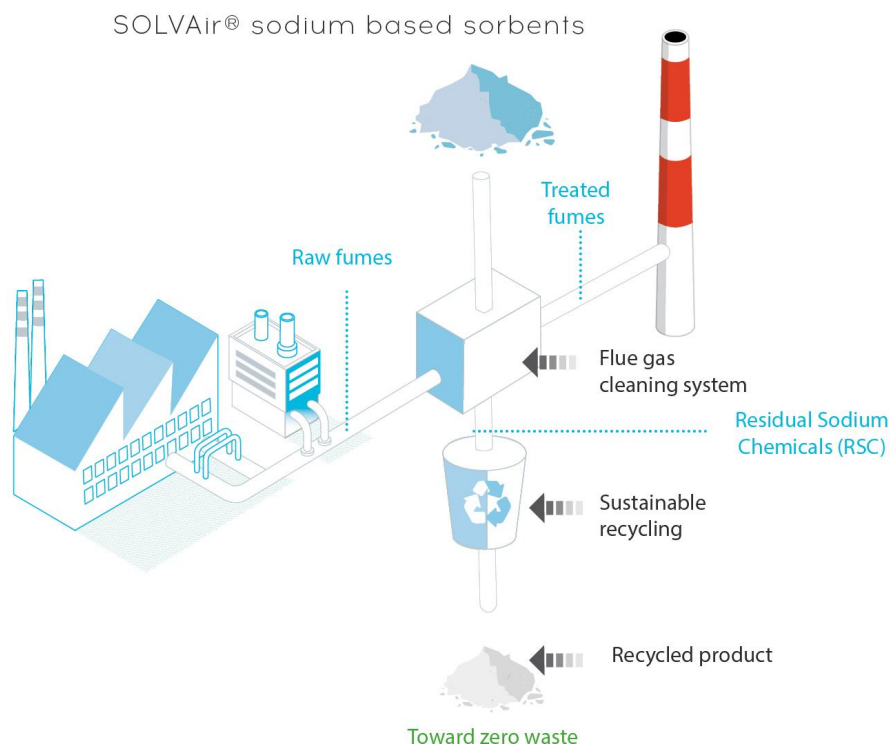
Solvay has announced capacity expansions at its [Resolest®¹](#) and Solval® units, specifically designed for recycling residues from the flue gas cleaning process using the market-leading SOLVAir® solution. The rising demand for this advanced technology stems from the enforcement of stringent environmental standards governing emissions across various industries. By the end of 2025, Resolest® is poised to undergo a significant 60% surge in recycling capacity. Likewise, commencing January 2024, Solval® is set to witness a substantial 30% increase in its capacity.

For decades, Solvay has been dedicated to establishing a circular economy for the residues generated from flue gas cleaning through [SOLVAir® technology](#). More than 80% of SOLVAir® residue can be recycled into purified brine, serving as a circular raw material in soda ash manufacturing at Solvay's facilities in Dombasle, France, and Rosignano, Italy. This innovative process empowers both plants to reduce natural brine consumption, actively contributing to resource conservation.

"At Solvay, we're committed to providing sustainable solutions that address humanity's essential needs. The high demand for our SOLVAir® breakthrough technology highlights its unique role in purifying air and preserving natural resources," said Philippe Kehren, Solvay CEO. "We're excited about contributing to the transformation and sustainability of various industries, fostering responsible business growth at Solvay. This aligns seamlessly with our dedication to a circular economy, supporting initiatives such as the European Green Deal and showcasing our unwavering commitment to sustainability."

SOLVAir® patented sodium-based solutions enable various industries such as waste-to-energy facilities, power plants, cement production, glass manufacturing and maritime vessels, to efficiently eliminate over 99% of pollutants. This ensures adherence to the strictest air emission regulations in place. In 2016, SOLVAir® was recognized as an environmentally-friendly solution by the [Solar Impulse Foundation's World Alliance](#).

¹ a joint-venture between Solvay and Sarp Industries



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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 or follow [Solvay](#) on LinkedIn.

About Solvay Soda Ash & Derivatives

Solvay Soda Ash & Derivatives is a global business division of Solvay. As a world leader in its markets, it provides a global, secured and sustainable supply of soda ash to its customers manufacturing glass for building, automotive, solar panels and packaging applications, as well as detergents and chemicals. It also develops solutions based on sodium bicarbonate for the health care, food, animal feed and flue gas cleaning markets. Solvay Soda Ash & Derivatives has 11 industrial sites worldwide, more than 3,200 employees and serves 120 countries.

About Resolest®

Resolest® is an industrial operation dedicated to the recycling of residue coming from flue gas treatment with bicarbonate. It employs 22 people and has 20 years of experience of providing recycling services to dozens of customers in France and neighboring countries.

About Solval®

Solval® is an industrial operation dedicated to the recycling of residue coming from flue gas treatment with bicarbonate. It employs 10 people and has 25 years of experience of providing recycling services to dozens of customers in Italy and neighboring countries.

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