



Progress beyond

Solvay to build new electronic-grade hydrogen peroxide facility for the U.S. semiconductor market

New high-purity electronic grade hydrogen peroxide facility in Arizona will be fully powered using renewable electricity

Houston, July 26, 2022

Solvay has announced its plans to invest in a new facility to produce [electronic grade hydrogen peroxide \(eH₂O₂\)](#) in Casa Grande, Arizona, to supply the growing U.S. semiconductor manufacturing market. The facility will convert hydrogen peroxide into an ultra-high purity grade to clean silicon wafers that are needed to manufacture [semiconductors](#), essential components of electronic devices.

In addition to being the leading global producer and supplier of hydrogen peroxide solutions, Solvay is also a technology leader in the production and distribution of eH₂O₂. The new facility will be Solvay's seventh eH₂O₂ unit. With a strong H₂O₂ presence in the area, Solvay materials provide the highest quality product for the latest semiconductor fabrication needs.

"This investment will grow our presence in the North American semiconductor market", says Ilham Kadri, CEO of Solvay. "The new facility will help us to further tap into increasing demand from the domestic electronic industry, and our local customers will likewise gain even better access to our products and services. This will help us meet their increasing demand for chemicals that are essential for cleaning and etching large scale integrated circuits and semiconductors."

"Pinal County is pleased to welcome Solvay and its significant investment and well-paying jobs to our region," said Chairman of the Board of Supervisors Jeffrey McClure. "The company's future operations will support Arizona's expanding semiconductor industry and the future demand for their products. We are happy to be partnering with the company to help prepare our workforce for these jobs, and we wish them great success going forward."

"Solvay's sustainable chemical manufacturing facility is a valued addition to Arizona's semiconductor industry," said Sandra Watson, President and CEO of the Arizona Commerce Authority. "The new facility will manufacture critical components for chip production while bolstering Arizona's semiconductor supply chain even further. We're grateful for Solvay's commitment to Arizona and look forward to supporting their future success in Casa Grande."

Solvay purchased 25 acres of greenfield land within Casa Grande's Central Arizona Commerce Park and construction of the first production line is scheduled to begin in 2023 with future expansions to be built as needed to support customer demand. The facility will create 30 full-time positions and Solvay expects to invest more than \$3 million per year on wages, maintenance and upgrades, employee training, taxes and other expenditures that benefit local businesses and the community.

Solvay's new facility will be fully powered using renewable electricity, in line with the company's Solvay One Planet sustainability roadmap. Production equipment will be housed within an enclosed climate-controlled building using safe and proven technology already in use at other Solvay locations worldwide – including its site near Houston, Texas.



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About Solvay

Solvay is a science company whose technologies bring benefits to many aspects of daily life. With more than 21,000 employees in 63 countries, Solvay bonds people, ideas and elements to reinvent progress. The Group seeks to create sustainable shared value for all, notably through its Solvay One Planet roadmap crafted around three pillars: protecting the climate, preserving resources and fostering a better life. The Group's innovative solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices, health care applications, water and air purification systems. Founded in 1863, Solvay today ranks among the world's top three companies for the vast majority of its activities and delivered net sales of €10.1 billion in 2021. Solvay is listed on Euronext Brussels and Paris (SOLB). Learn more at www.solvay.com.



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