



Joint Press Release
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Air Liquide, Chevron, LyondellBasell, and Uniper to pursue lower carbon hydrogen and ammonia project along the U.S. Gulf Coast

Air Liquide (Paris: AI), Chevron Corporation (NYSE: CVX), LyondellBasell (NYSE: LYB), and Uniper SE (FWB: UN01) have announced their intent to collaborate on a joint study that will evaluate and potentially advance the development of a hydrogen and ammonia production facility along the U.S. Gulf Coast. The facility could support industrial decarbonization and mobility applications in the region and expand clean ammonia exports, helping to increase the supply of lower carbon power internationally.

The potential project to be studied is intended to cover the end-to-end, energy value chain, utilizing each participant's technical expertise in production, operational experience, storage, distribution, and export logistics. Collectively, the consortium will bring capabilities and expertise in air separation technology, hydrogen technologies, lower carbon intensity and renewable natural gas, carbon capture and storage (CCS), electrolysis-based technologies, and petrochemicals.

Specifically, the consortium will assess the potential for producing hydrogen using natural gas with CCS and renewable hydrogen via electrolysis to supply end-use markets, including the ammonia, petrochemicals, power, and mobility markets.

If development proceeds, the project could leverage existing advantages along the Gulf Coast, including pipeline infrastructure, to supply lower carbon and renewable hydrogen to local industrial clusters. Likewise, ammonia infrastructure could support exports to both Europe and the Asia Pacific region.

Adam Peters, CEO of Air Liquide North America, said: "Air Liquide is proud to evaluate, with its customers and industry partners, opportunities to further develop and deploy low-carbon and renewable hydrogen, and carbon capture technologies in the region. The Gulf Coast is the ideal location to model hydrogen and carbon capture technologies as immediate pathways to decarbonizing hard-to-abate sectors. This project exemplifies Air Liquide's commitment to decarbonizing industrial basins around the world. Prioritizing sustainable technologies, like hydrogen and carbon capture, means we can provide energy transition careers for many thousands of American workers while building a more sustainable energy future for all."

Austin Knight, Vice President of Hydrogen, Chevron New Energies, said: "Across the value chain, collaborations are critical to developing a hydrogen ecosystem, and this is an example of bringing together leaders in the space to explore lower carbon hydrogen opportunities and to contribute complementary expertise. We are seeking to accelerate the deployment of lower carbon solutions and believe companies like Chevron can help bring the capabilities needed to make this a reality. We are excited to be a part of this effort."

Aaron Ledet, Senior Vice President, Olefins and Polyolefins Americas of LyondellBasell, said: "While our products play an important role in helping to enable greenhouse gas emissions reductions through their use in renewable energy technologies, such as wind turbines, solar panels and electric batteries, we are also taking concrete steps to reduce the greenhouse gas emissions from our operations. We look forward to collaborating with the members of this consortium to continue evaluating and advancing clean hydrogen as a potential solution for reducing the greenhouse gas emissions of our U.S. Gulf Coast manufacturing assets."

Marc Merrill, President and CEO of Uniper in North America, said: "Uniper is very excited to collaborate with this unique group of companies to explore a truly transformative U.S. Gulf Coast hydrogen infrastructure project. We look forward to bringing the best of our U.S. business and global technical and



commercial platforms to support this effort. Uniper is committed to the green expansion of our Wilhelmshaven LNG receiving terminal in Germany and expects to receive and store over 2 MTPA of clean ammonia at the port by the end of the decade. U.S. Gulf Coast supply from this initiative can be critical to meeting that goal."

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ABOUT AIR LIQUIDE (U.S.)

Air Liquide employs more than 20,000 people in the U.S. in more than 1,300 locations and plant facilities, including a world-class R&D center. The company offers industrial and medical gases, technologies, and related services to a wide range of customers in energy, petrochemical, industrial, electronics and healthcare markets. www.airliquide.com/USA

ABOUT CHEVRON

Chevron is one of the world's leading integrated energy companies. We believe affordable, reliable, and ever-cleaner energy is essential to achieving a more prosperous and sustainable world. Chevron produces crude oil and natural gas; manufactures transportation fuels, lubricants, petrochemicals, and additives; and develops technologies that enhance our business and the industry. We are focused on lowering the carbon intensity in our operations and growing lower carbon businesses along with our traditional business lines. More information about Chevron is available at www.chevron.com.

ABOUT LYONDELLBASELL

As a leader in the global chemical industry, LyondellBasell strives every day to be the safest, best operated, and most valued company in our industry. The Company's products, materials and technologies are advancing sustainable solutions for food safety, access to clean water, healthcare and fuel efficiency in more than 100 international markets. LyondellBasell places high priority on diversity, equity and inclusion and is *Advancing Good* with an emphasis on our planet, the communities where we operate and our future workforce. The Company takes great pride in its world-class technology and customer focus. LyondellBasell has stepped up its circularity and climate ambitions and actions to address the global challenges of plastic waste and decarbonization. In 2022, LyondellBasell was named as one of FORTUNE Magazine's "World's Most Admired Companies" for the fifth consecutive year. For more information, please visit www.lyondellbasell.com or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

About Uniper

Uniper is a leading international energy company, has around 11,500 employees, and operates in more than 40 countries. The company plans for its power generation business in Europe to be carbon-neutral by 2035. Uniper's roughly 33 GW of installed generation capacity make it one of the world's largest electricity



producers. The company's core activities include power generation in Europe and Russia as well as global energy trading and a broad gas portfolio, which makes Uniper one of Europe's leading gas companies. In addition, Uniper is a reliable partner for communities, municipal utilities, and industrial enterprises for planning and implementing innovative, lower-carbon solutions on their decarbonization journey. Uniper is a hydrogen pioneer, is active worldwide along the entire hydrogen value chain, and is conducting projects to make hydrogen a mainstay of the energy supply.

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