

# Air Liquide, Chevron, LyondellBasell, and Uniper to Pursue Lower Carbon Hydrogen and Ammonia Project Along the U.S. Gulf Coast

19.10.2022 | [Business Wire](#)

Air Liquide (Paris: AI), [Chevron Corp.](#) (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 roughly 1 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."

#### 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](http://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](http://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](http://www.lyondellbasell.com) or follow @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 makes it one of the world's largest electricity producers. The company's core activities include power generation in Europe 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. The company is based in Düsseldorf and is one of Germany's largest publicly listed energy supply companies <https://www.uniper.energy>

#### CAUTIONARY STATEMENTS RELEVANT TO FORWARD-LOOKING INFORMATION FOR THE PURPOSE OF "SAFE HARBOR" PROVISIONS OF THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995

This news release contains forward-looking statements relating to Chevron's operations and energy transition plans that are based on management's current expectations, estimates and projections about the petroleum, chemicals and other energy-related industries. Words or phrases such as "anticipates," "expects," "intends," "plans," "targets," "advances," "commits," "drives," "aims," "forecasts," "projects," "believes," "approaches," "seeks," "schedules," "estimates," "positions," "pursues," "may," "can," "could," "should," "will," "budgets," "outlook," "trends," "guidance," "focus," "on track," "goals," "objectives," "strategies," "opportunities," "poised," "potential," "ambitions," "aspires" and similar expressions are intended to identify such forward-looking statements. These statements are not guarantees of future performance and are subject to certain risks, uncertainties and other factors, many of which are beyond the company's control and are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or

forecasted in such forward-looking statements. The reader should not place undue reliance on these forward-looking statements, which speak only as of the date of this news release. Unless legally required, Chevron undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise.

Among the important factors that could cause actual results to differ materially from those in the forward-looking statements are: changing crude oil and natural gas prices and demand for the company's products, and production curtailments due to market conditions; crude oil production quotas or other actions that might be imposed by the Organization of Petroleum Exporting Countries and other producing countries; technological advancements; changes to government policies in the countries in which the company operates; public health crises, such as pandemics (including coronavirus (COVID-19)) and epidemics, and any related government policies and actions; disruptions in the company's global supply chain, including supply chain constraints and escalation of the cost of goods and services; changing economic, regulatory and political environments in the various countries in which the company operates; general domestic and international economic and political conditions, including the military conflict between Russia and Ukraine and the global response to such conflict; changing refining, marketing and chemicals margins; actions of competitors or regulators; timing of exploration expenses; timing of crude oil liftings; the competitiveness of alternate-energy sources or product substitutes; development of large carbon capture and offset markets; the results of operations and financial condition of the company's suppliers, vendors, partners and equity affiliates, particularly during the COVID-19 pandemic; the inability or failure of the company's joint-venture partners to fund their share of operations and development activities; the potential failure to achieve expected net production from existing and future crude oil and natural gas development projects; potential delays in the development, construction or start-up of planned projects; the potential disruption or interruption of the company's operations due to war, accidents, political events, civil unrest, severe weather, cyber threats, terrorist acts, or other natural or human causes beyond the company's control; the potential liability for remedial actions or assessments under existing or future environmental regulations and litigation; significant operational, investment or product changes undertaken or required by existing or future environmental statutes and regulations, including international agreements and national or regional legislation and regulatory measures to limit or reduce greenhouse gas emissions; the potential liability resulting from pending or future litigation; the company's future acquisitions or dispositions of assets or shares or the delay or failure of such transactions to close based on required closing conditions; the potential for gains and losses from asset dispositions or impairments; government mandated sales, divestitures, recapitalizations, taxes and tax audits, tariffs, sanctions, changes in fiscal terms or restrictions on scope of company operations; foreign currency movements compared with the U.S. dollar; material reductions in corporate liquidity and access to debt markets; the receipt of required Board authorizations to implement capital allocation strategies, including future stock repurchase programs and dividend payments; the effects of changed accounting rules under generally accepted accounting principles promulgated by rule-setting bodies; the company's ability to identify and mitigate the risks and hazards inherent in operating in the global energy industry; and the factors set forth under the heading "Risk Factors" on pages 20 through 25 of the company's 2021 Annual Report on Form 10-K and in subsequent filings with the U.S. Securities and Exchange Commission. Other unpredictable or unknown factors not discussed in this news release could also have material adverse effects on forward-looking statements.

View source version on businesswire.com: <https://www.businesswire.com/news/home/20221019005429/en/>

#### Contact

##### Contacts:

Air Liquide  
Alyson Bartol  
[alyson.bartol@airliquide.com](mailto:alyson.bartol@airliquide.com)

Chevron  
Creighton Welch  
[creightonwelch@chevron.com](mailto:creightonwelch@chevron.com)

LyondellBasell  
Barrie Kay Lee  
[mediarelations@lyb.com](mailto:mediarelations@lyb.com)

#### Uniper

Georg Oppermann  
georg.oppermann@uniper.energy

---

Dieser Artikel stammt von [Rohstoff-Welt.de](https://www.rohstoff-welt.de)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/425908--Air-Liquide-Chevron-LyondellBasell-and-Uniper-to-Pursue-Lower-Carbon-Hydrogen-and-Ammonia-Project-Along-t>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

---

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!  
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).