

TOPSOE

Topsoe to provide the ammonia technology for First Ammonia's green ammonia project in Texas

Topsoe, a leading global provider of advanced technology and solutions for the energy transition, has signed an agreement with First Ammonia to provide its dynamic ammonia synthesis technology for the company's green ammonia production facility in Victoria, Texas.

The project marks another important step toward commercial-scale green ammonia production in the United States. Based on green hydrogen generated by electrolysis using renewable electricity, the facility is designed to produce green ammonia for both international and US markets.

Financial close is expected later in 2026, with commercial operations anticipated to begin in 2029.

Joel H. Moser, CEO, First Ammonia, said:

"Topsoe is the world leader in ammonia synthesis, and First Ammonia is delighted to continue our partnership with them in establishing a green ammonia industry in the US and around the world."

Yassir Ghiyati, Chief Commercial Officer, Topsoe, said:

"As green ammonia projects move from ambition to execution, operational flexibility becomes increasingly important. We're proud to support First Ammonia with technology designed to enable efficient and reliable green ammonia production. We look forward to continuing to work with the First Ammonia team to help bring this important US project to life."

Under the agreement, Topsoe will provide its dynamic ammonia synthesis technology, designed specifically for green ammonia plants. The technology enables production to ramp up from 10 percent to 100 percent, or to decrease at similar rate, within thirty minutes, allowing the ammonia synthesis loop to respond to fluctuations in power generation while maintaining safe, reliable and efficient operations.

About First Ammonia

First Ammonia is developing modular, commercial-scale plants to produce green ammonia from renewable energy sources. First Ammonia is acquiring project sites around the world with access to low-cost renewable energy and/or government subsidies. Green ammonia will play a central role in the decarbonization of agriculture, chemicals, power generation and storage, and transportation as a renewable energy-based fuel that is carbon-free, end to end.

Headquartered in New York, First Ammonia will build, own, and operate production facilities in five continents, with the support of our engineering and project development team in First Ammonia offices in Houston, Texas, and Copenhagen, Denmark, with their decades of combined experience in developing and operating ammonia manufacturing facilities.

About Topsoe

Topsoe is a leading global provider of advanced technology and solutions for the energy transition.

Built on decades of scientific research and innovation, we are working with customers and partners to drive energy resiliency and to achieve their sustainability goals.

We offer world-leading solutions for transforming renewable resources into fuels and chemicals, and we provide technologies needed to produce low-carbon and conventional fuels and chemicals as well as ensuring clean air.

We were founded in 1940 and are headquartered in Denmark, with over 2,800 employees serving customers all around the globe. To learn more, visit www.topsoe.com.

For more information, please contact:

Ulrik Frøhlke, Media Relations Manager

Phone: +45 27779968

Mail: ulfr@topsoe.com