

SAMSUNG E&A announces groundbreaking of Wabash Low-Carbon Ammonia project in the US

09 January 2026 | News

Eco-friendly ammonia facility capable of producing 500,000 tons of ammonia and capturing 1.67 million tons of carbon dioxide annually



Eco-friendly ammonia facility capable of producing 500,000 tons of ammonia and capturing 1.67 million tons of carbon dioxide annually

SAMSUNG E&A, a total solutions provider for the global energy industry, announces that it held a groundbreaking ceremony for its Wabash Low-Carbon Ammonia Project on the 5th January. Held at the Hay Adams Hotel in Washington, D.C., the ceremony was attended by approximately 70 project and government officials, including Minister of Land, Infrastructure and Transport (MOLIT) to the Republic of Korea, Kim Yoon-duk, and SAMSUNG E&A President and CEO Hong Namkoong, U.S. Deputy Secretary of Energy James P. Danly, and Wabash Valley Resources Chairman of the Board Simon Greenshields.

This project, to be built in Terre Haute, Indiana, will be an eco-friendly ammonia facility capable of producing 500,000 tons of ammonia and capturing 1.67 million tons of carbon dioxide annually. This national project is funded by the U.S. Department of Energy (DOE), the Korean Ministry of Land, Infrastructure and Transport, and the Ministry of Climate, Energy, and Environment. SAMSUNG E&A signed an EPF (Engineering, Procurement, and Fabrication) worth approximately KRW 680 billion (approximately USD 475 million) with Wabash Valley Resources of the United States in October of last year, and is currently carrying out the project with the goal of completion in 2029.

SAMSUNG E&A plans to leverage its extensive ammonia plant experience and differentiated technologies, including DT, AI, automation, and modules, for this project, and actively cooperate with the client and technology partner Honeywell UOP to complete the project successfully.

The company has been developing technologies, investing, and partnering to secure core energy additive and diversified technologies such as ammonia, SAF, LNG, carbon capture, and hydrogen, and has recently achieved tangible results by

winning a series of contracts, including the Malaysian SAF plant, the UAE biodegradable plastic plant, the Indonesian eco-friendly LNG plant basic design, the North American LNG conceptual design, and the US SAF basic design.

Hong Namkoong, President and CEO of SAMSUNG E&A, said, "We are delighted to be carrying out this meaningful project between Korea and the U.S.," and added, "We will continue to expand new business models for future additive and diversified energy solutions."