

Nuremberg, May 19, 2025

## Siemens and TURN2X join forces to scale up green energy production

- **Siemens to become a preferred supplier and technology partner for TURN2X's production of renewable natural gas**
- **Agreement includes broad scope from the Siemens Xcelerator portfolio**
- **Partnership directly contributes to expanding the availability of green energy alternatives**

Today, the technology company Siemens and Germany-based TURN2X announced a partnership aimed at advancing the production of renewable natural gas through a comprehensive technological collaboration. This partnership responds to the market's growing recognition of renewable natural gas as a critical component in achieving a balanced and sustainable energy transition.

TURN2X specializes in producing climate-neutral methane by combining green hydrogen with CO<sub>2</sub> captured from bioethanol plants, to create a renewable alternative to conventional natural gas. By joining forces with Siemens' advanced technology portfolio, the collaboration aims to significantly scale up TURN2X's production capabilities while optimizing efficiency across the company's operations.

"The collaboration with TURN2X is an example of how Siemens technologies can accelerate innovative solutions for clean energy," said Axel Lorenz, CEO of Process Automation at Siemens. "We're making an important contribution to the energy transition by helping advance promising concepts to the industrial level with our expertise and our portfolio in automation and digitalization."

Dr. Dominik Schollenberger, CTO at TURN2X, said: "As a growing company in the renewable natural gas sector, our greatest challenge is scaling production while

maintaining operational excellence. Siemens' technology enables us to operate our plants remotely with unprecedented efficiency, which is crucial for our business model of securing long-term profitability from day one. This partnership gives us the technological foundation to rapidly expand our production capacity and meet the increasing market demand."

Under the agreement, Siemens will become one of the preferred suppliers and technology partners for TURN2X and provide a comprehensive suite of solutions from its Siemens Xcelerator portfolio. The partnership will focus on three key technological areas: First, process optimization using advanced automation systems and instrumentation specifically tailored for TURN2X's unique green methane production process. Second, operational excellence thanks to digital twin technology and energy management solutions that enable sophisticated remote plant operation with maximum efficiency. Third, future-readiness resulting from enhanced cybersecurity and standardized solution development that will accelerate the deployment of new facilities. This integrated approach will enable TURN2X to rapidly expand its production capacity while maintaining the highest standards of reliability.

By enabling more efficient and scalable renewable natural gas production, the Siemens-TURN2X partnership will directly contribute to expanding the availability of green energy alternatives on the market.



Dr. Dominik Schollenberger, Co-Founder and CTO of TURN2X (l.) and Axel Lorenz, CEO of Process Automation Siemens (r.), are signing the partnership agreement

For more information about Siemens' offerings for hydrogen, please visit:

[www.siemens.com/hydrogen](http://www.siemens.com/hydrogen)

This press release can be found at: <https://sie.ag/2pTMYt>

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In fiscal 2024, which ended on September 30, 2024, the Siemens Group generated revenue of €75.9 billion and net income of €9.0 billion. As of September 30, 2024, the company employed around 312,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at [www.siemens.com](https://www.siemens.com).

#### **ABOUT TURN2X GmbH**

TURN2X is a clean-tech innovator that has developed a patented modular technology to produce renewable natural gas (RNG) from green hydrogen and CO<sub>2</sub>. RNG is carbon-neutral and fully compatible with existing natural gas infrastructure, unlocking over 2 million kilometers of pipelines and 1,000 TWh of storage capacity for the energy transition. TURN2X's scalable, finance-ready solution has been injecting into the German gas grid since 2019, and in March 2024, the company inaugurated the world's first commercially viable RNG plant in Spain.