

# Press release

Cairo, August 24<sup>th</sup>, 2021

## Siemens Energy supports Egypt to develop Green Hydrogen Industry

- Exploring hydrogen production, storage, transportation, and trading
- Supporting renewable energy expansion
- Facilitating knowledge transfer and industrial development

Siemens Energy has signed a memorandum of understanding with the Egyptian Electricity Holding Company to jointly develop hydrogen-based industry in Egypt with export capability.

The agreement was signed by Christian Bruch, President and CEO of Siemens Energy and Gaber El-Dessouki, Chairman of the Board of Directors of the Egyptian Electricity Holding Company (EEHC), at a ceremony in Cairo, witnessed by H.E. Mostafa Madbouli and H.E. Mohamed Shaker

The agreement builds on a letter of intent signed in January between Siemens Energy and EEHC and provides the basis for establishing and developing long-term cooperation to scale up hydrogen-based industry in Egypt. Siemens Energy and EEHC will jointly promote investment, technology transfer, and implementation of projects related to hydrogen production, based on renewable energy in Egypt.

“We are proud to extend our long history of collaboration with Egypt into this emerging industry that has the capacity to significantly decarbonize industry and expand economic diversity. The development of a homegrown hydrogen ecosystem and value chain in Egypt has the potential to deliver a more sustainable and prosperous future for Egyptians,” said Christian Bruch.

“This agreement will support EEHC and the Egyptian state in opportunities to localize and maximize the use of the green hydrogen industry. With a track record of jointly delivering projects of strategic importance for Egypt, Siemens Energy is the ideal partner. Together, we will seek to benefit from

our human resources, our trained cadres, and our abundant natural resources of renewable energy in establishing an industrial sector based on green hydrogen in Egypt,” said H.E. Mohamed Shaker

As part of initial steps, Siemens Energy and EEHC will pursue the development of a pilot project, comprising 100 to 200 MW of electrolyzer capacity, which will help to drive early technology deployment, establish a partner landscape, establish and test regulatory environment and certification, setup off-take relations, and define logistic concepts.

Egypt has a rich mix of renewable energy resources, a strong industrial base, developed infrastructure and access to markets, providing a solid foundation on which to develop a robust green hydrogen industry.

As a leading energy technology solutions provider, with a long legacy of supporting Egyptian development, Siemens Energy is able to provide innovative technologies spanning renewable energy, hydrogen production, and logistics, as well as financial and technical assistance.

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**Siemens Energy** is one of the world’s leading energy technology companies. The company works with its customers and partners on energy systems for the future, thus supporting the transition to a more sustainable world. With its portfolio of products, solutions and services, Siemens Energy covers almost the entire energy value chain – from power generation and transmission to storage. The portfolio includes conventional and renewable energy technology, such as gas and steam turbines, hybrid power plants operated with hydrogen, and power generators and transformers. More than 50 percent of the portfolio has already been decarbonized. A majority stake in the listed company Siemens Gamesa Renewable Energy (SGRE) makes Siemens Energy a global market leader for renewable energies. An estimated one-sixth of the electricity generated worldwide is based on technologies from Siemens Energy. Siemens Energy employs more than 90,000 people worldwide in more than 90 countries and generated revenue of around €27.5 billion in fiscal year 2020. [www.siemens-energy.com](http://www.siemens-energy.com).