

Press release

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Siemens Energy launches Innovation Center in Shenzhen

- Supporting green development in the Greater Bay Area
- Focus areas: smart energy, advanced gas turbine and green hydrogen
- Inclusive platform to commercialize and scale up research results
- Lighthouse project for China-EU collaboration in sustainability and digitalization

Siemens Energy launched an innovation center for advanced energy technologies in Shenzhen today, adding to the company's growing global innovation network. The innovation center will focus on R&D of core technologies and development of innovation-based clean energy business. Taking advantage of the local industrial base and talent pool in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA), the innovation center strives to be an open and inclusive platform to foster commercialization and scaling-up of research results, and to integrate scientific research and industry in support of green development of the GBA.

"Managing the energy transition can only be successful if we form global partnerships, modernise conventional technologies in a way that they are an effective interim solution and develop even more innovative green technologies," said Christian Bruch, CEO of Siemens Energy AG. "The new innovation centre in Shenzhen will combine all elements. It's another lighthouse for the EU-China 'Green Partnership' and 'Digital Partnership'. This will bring us closer to the most dynamic energy market and, together with Chinese partners, create technologies and innovations that have an industrial and social impact."

The Siemens Energy Innovation Center (Shenzhen), located at Hetao Shenzhen-Hong Kong Science and Technology Cooperation Area, focuses on the technology fields of smart energy, advanced gas turbines and green hydrogen. The three labs are tasked to introduce and localize advanced technologies, conduct research and development of core technologies locally for commercialization and industrialization, and set up pilot and demonstration projects.

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The innovation center, in cooperation with local counterparts and governments, will also host a collaboration and incubation center to nurture an innovation ecosystem in the local community, and an exhibition and exchange center to promote public education and international exchange in the field of green energy.

To support implementation of these initiatives, Siemens Energy China also launched a branch office in Shenzhen and today signed cooperation agreements with local district governments, Shenzhen Energy and Shenzhen Leaguer Group today. "A reliable, efficient and low-carbon energy supply system is key to building up Shenzhen as the new frontier of high-quality development and the Greater Bay Area a world-class city cluster," added Vinod Philip, Chief Technology and Strategy Officer at Siemens Energy. "Together with our partners, we will turn our innovative ideas into reality faster, making real-term contributions to China's ambition of carbon neutrality by 2060."

The Greater Bay Area consists of the Hong Kong Special Administrative Region, the Macao Special Administrative Region, and nine cities in Guangdong Province. As one of China's most economically dynamic regions, the GBA plays an important strategic role in the overall development of the country.

As a leading energy technology company, Siemens Energy is supporting customers around the globe in transforming to a more environmentally-friendly world by providing sustainable, affordable and reliable energy based on innovative technologies. In fiscal year 2020 (ended as of September 30, 2020), Siemens Energy reported global R&D expenses of €985 million, held 16,600 patents and had 5,200 R&D employees worldwide. In China, Siemens Energy has five R&D hubs and two innovations centers (in Suzhou and Shenzhen).

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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.