

July 18, 2025

Nissin Electric Co., Ltd.

Nissin Electric (Thailand) Co., Ltd.

**Nissin Electric (Thailand) Co., Ltd. Participates in a Project
for Establishing a Manufacturing Base for Small Satellites in Thailand
–Collaboration with JAXA Bangkok Office, King Mongkut's University of Technology,
and YUKI Precision Co., Ltd. –**

Nissin Electric (Thailand) Co., Ltd., one of the group companies of Nissin Electric Co., Ltd. that performs contract production of power system equipment and parts, is working with the JAXA Bangkok Office, King Mongkut's University of Technology, and YUKI Precision Co., Ltd. to set up a manufacturing base for small satellites at the company by the end of 2025.

The company made a joint presentation at the Enhancement of Space Capability Working Group of the 30th Asia-Pacific Regional Space Agency Forum (APRSAF-30) held in Perth, Australia in November 2024 and described its efforts to participants from different countries. It aims to complete the first small satellite by the plenary session scheduled to be held in Bangkok, Thailand in 2026.



Presentation by Nissin Electric (Thailand) Co., Ltd.

[Background to establishing a small satellite manufacturing base in Thailand]

Currently, with technological innovation in areas such as communications and IoT, the demand for small satellites, which are low cost and have short development times, is expanding globally. To mass-produce small satellites, the market is calling for the creation of optimal manufacturing processes and cost reductions. As part of its national strategy to acquire manufacturing technology and capabilities, the Thai government is aiming to strengthen technical capacity, develop human resources, and enhance the country's expertise related to satellite development and utilization. In addition, it aims to increase the domestic production rate of satellites by creating a supply chain ecosystem in Thailand and promoting exports. However, although there are universities in Thailand that provide training in satellite development, there are almost no job opportunities directly related to the space business. Meanwhile, in the Japanese manufacturing industry, the automotive sector, which has been driving the Thai economy, is seeing a shift to EVs, and innovation in the industry is reducing demand for existing business fields, leading to an increase in local Japanese subsidiaries exploring new business ventures.

[Roles of each party]

JAXA Bangkok Office

- Formation of and support for a project team that aims to connect each partner and establish a manufacturing foundation for small satellites in Thailand

King Mongkut's University of Technology North Bangkok

- Leads satellite development in Thailand and aims to improve small satellite production technology and solve social issues through satellite use in Thailand
- To increase employment opportunities for students who have studied space engineering

YUKI Precision Co., Ltd.

- Has a proven track record in precision parts for satellites and medical devices and has advanced technical capabilities in the design and processing required for satellite manufacturing. It intends to expand its business into Thailand for the contract manufacturing of small satellites in the future.
- Plans to use Nissin Electric (Thailand) Co., Ltd. as a manufacturing base

Nissin Electric (Thailand) Co., Ltd.

- Has sufficient factory space to serve as a manufacturing base for small satellites
- Plans to contract manufacture small satellites together with YUKI Precision Co., Ltd.
- Has facilities that can handle various processes and high technical capabilities developed over many years in the production of semiconductor manufacturing equipment, nuclear fusion power generation-related equipment, and various other types of industrial equipment, and intends to acquire new technologies by entering the space business

Nissin Electric (Thailand) will continue to build technical and social partnerships with each of its collaborators in the production of small satellites and will be active as a small satellite manufacturing base. Through mass production, it will foster specialized human resources in Thailand—not only its local employees but also students. By utilizing small satellites, it will continue to help solve social issues.

This is a business activity that contributes to one of the strengthening the business foundation in the Nissin Electric Group Medium-to-Long-Term Business Plan VISION2025, “Enhancing manufacturing capabilities.”

The Nissin Electric Group has been stepping up its efforts to promote the SDGs through its business operations.

This accomplishment is related to the following goals among the 17 SDGs.

8.Decent Work and Economic Growth

9.Industry, Innovation and Infrastructure

17.Partnerships for the Goals