

June 8, 2026

## **Launch of Circular CO<sub>2</sub> Supply Business in Thailand Establishment of a Joint Venture Utilizing Bio-based Sources**

Nippon Sanso (Thailand) Co., Ltd. (hereinafter “NSTH”), a group company of Nippon Sanso Holdings Corporation (President and CEO: Toshihiko Hamada), has established Green CO<sub>2</sub> Co., Ltd. (“Green CO<sub>2</sub>”) as a joint venture with Thai Special Gas Co., Ltd. (“TSG”) in Chachoengsao Province in eastern Thailand, for the production and distribution of bio-based carbon dioxide (CO<sub>2</sub>).

### **1. Overview of the Joint Venture Business**

Green CO<sub>2</sub> will capture CO<sub>2</sub> generated as a byproduct from the ethanol production process of BBGI Public Company Limited (“BBGI”), a subsidiary of Bangchak Corporation Public Company Limited, and purify and process it into high-quality liquid CO<sub>2</sub> for reuse. Through this initiative, Green CO<sub>2</sub> will establish a circular CO<sub>2</sub> supply chain that effectively utilizes CO<sub>2</sub> derived from bio-based sources.

### **2. Production Site and Products**

Green CO<sub>2</sub> will construct a new CO<sub>2</sub> production plant in Chachoengsao Province in eastern Thailand and will produce CO<sub>2</sub> for the following applications to meet industrial demand in the region:

- Industrial grade CO<sub>2</sub>
- Food grade CO<sub>2</sub>
- Beverage grade CO<sub>2</sub>

The liquid CO<sub>2</sub> products manufactured at this plant will be marketed in Thailand through TSG and NSTH starting in June 2026.

### **3. Environmental Contribution and Future Development**

Green CO<sub>2</sub> aims to obtain Carbon Footprint of Product (CFP) certification for the CO<sub>2</sub> produced in this project. Green CO<sub>2</sub> will continue to meet the needs of a wide range of industrial sectors through the stable supply of high-quality CO<sub>2</sub> products..

This joint venture is an initiative that creates added value through the effective use of existing resources and contributes to the development of environmentally responsible industries. Through this project, Nippon Sanso Holdings Group will establish a resource-circulating CO<sub>2</sub> supply chain in Thailand and contribute to the realization of a carbon-neutral society on a global scale.

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The Nippon Sanso Holdings Group is the world's fourth-largest supplier of industrial, electronic, and medical gases, operating in four geographic regions - Japan, U.S., Europe and Asia & Oceania - covering over 30 countries and regions. In addition, the Thermos business supplies THERMOS branded products to more than 120 countries worldwide. Since its foundation as Nippon Sanso Ltd. in 1910, the group stands for creating social value through innovative gas solutions that increase industrial productivity, enhance human well-being and contribute to a more sustainable future. With more than 19,000 employees, together, we are "The Gas Professionals" and we all have the same goal: "Making life better through gas technology"

## **Nippon Sanso Holdings Corporation**

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