

News Release

Kanadevia
Technology for people and planet

Kanadevia Corporation
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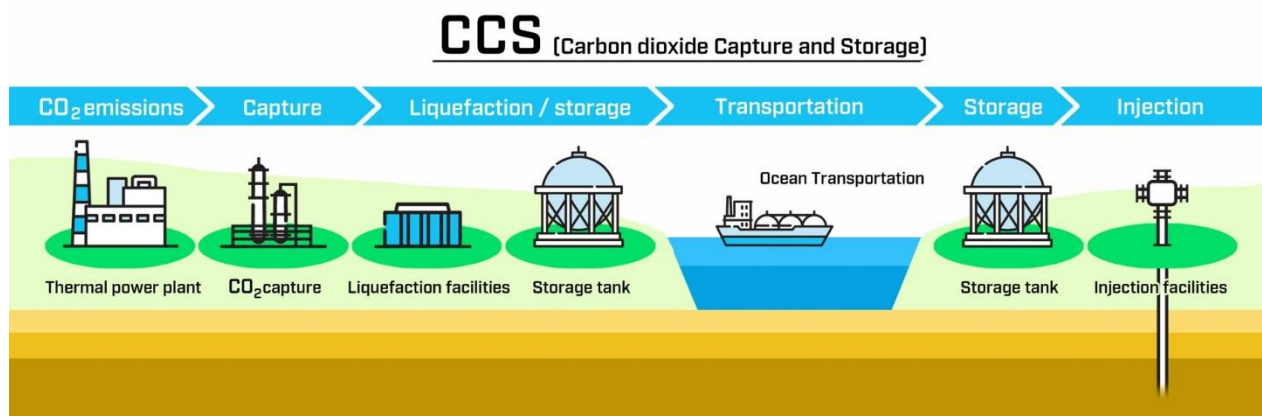
The Technical Collaboration Agreement with a Taiwanese Company Regarding the EPC of Spherical Tanks for Liquefied CO₂ Storage Has Been Concluded

~ Contributing to the Promotion of the Widespread Adoption of CCS and CCUS ~

Kanadevia Corporation has recently signed a technical collaboration agreement with Taiwanese process equipment manufacturer LIANG LIAN INDUSTRIES CO., LTD. (Kaohsiung City, hereinafter referred to as LIANG LIAN INDUSTRIES) for the EPC (engineering, procurement, and construction) of liquefied CO₂ storage spherical tanks required for CCS (CO₂ Capture and Storage) and CCUS (CO₂ Capture, Utilization, and Strategy).

Currently, many countries, including Japan, have set the goal of achieving carbon neutrality by 2050 under the "Carbon Neutral 2050" initiative. To achieve this, CCS and CCUS are considered to play a crucial role. In Japan, the Japan Organization for Metals and Energy Security (JOGMEC) is promoting and supporting multiple projects within the country as Advanced CCS Projects.

However, in order to CCS and CCUS in society, tanks for storing liquefied CO₂ are required, and the manufacturing capacity for these storage tanks is considered a challenge. There are spherical and cylindrical types of liquefied CO₂ storage tanks. In addition to the cylindrical type, which can be addressed with our conventional technology, we are actively advancing the liquefied CO₂ storage tank business by signing an technical collaboration agreement with LIANG LIAN INDUSTRIES, a company with extensive experience in the design and construction of spherical tanks.



[Process of CCS]

The liquefied CO₂ storage tanks that we are considering for EPC are expected to be in the range of 1,000 to 6,000 tons per unit. The Japanese government aims to achieve a CO₂ storage capacity of 6 to 12 million tons annually by 2030, and a certain level of demand for storage tanks is also expected.

With nearly 100 years of experience in the pressure vessel business, we have advanced expertise in bending, welding, assembly, and installation of ultra-thick steel plates. In line with the goal of achieving a "Carbon Neutral 2050," we will contribute to the societal implementation of next-generation technologies by manufacturing and constructing storage tanks essential for CCS and CCUS, as well as new fuels such as ammonia, which will serve as alternatives to coal and oil.



[Ceremony for the Signing of the Joint Venture Agreement]

The outline of this matter is as follows:

1. Contract partner: LIANG LIAN INDUSTRIES CO., LTD. (Kaohsiung City, Taiwan)
2. Content: Kanadevia Corporation's sales, project management, and other related activities
LIANG LIAN INDUSTRIES to provide design and assembly expertise, etc.
3. Duration: July 2025 – July 2027