



Air Liquide supports three high-tech and clean-energy projects in Japan

press release

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Air Liquide in Japan

Established in 1907 in Japan, as Japan first industrialized, Air Liquide now serves **15,000 customers** across the country, particularly in **Electronics**, thanks to its **2,600 employees**. The Group also has a **Research and Technology Centre** in Tsukuba (near Tokyo) and an **Engineering center** in Harima (near Kobe). Japan serves as a **technology & research base for Air Liquide in Asia and beyond**.

Japan is actively seeking to develop technologies in fields such as **material science, biomedical research and clean-energy**, so as to address some of the challenges posed by its **scarce natural energy resources and ageing population**.

Air Liquide has recently been selected in three technology-projects.

The Group will provide **helium liquefiers to two prominent universities** in Japan for their fundamental research activities.

In **Kyoto University**, the helium will be used in the “Low Temperature and Material Science Laboratory” to provide cold power to scientific experiments ranging from material science to nuclear magnetic resonance.

In **Iwate University** (Morioka City, northern Japan), the helium will mainly be used for material and biomedical research.

Air Liquide will also provide a **350 bar hydrogen filling station** to power a **fuel cell vehicle** as part of a project conducted by the **regional government of Saga** (southern Japan) to demonstrate the feasibility of a complete “**green hydrogen**” chain from **wood chips to clean mobility**.

Jean-Marc de Royere, Senior Vice-President Asia-Pacific, a member of the Executive Committee, said: “**We are keen to develop such high-tech and clean-energy projects with Japanese partners in industry & academia. We recognize the outstanding capabilities of Japan in Research and new technologies. High-Tech is one of the five growth drivers of Air Liquide and Japan plays a central role in this strategy.**”

Air Liquide is the world leader in gases for industry, health and the environment, and is present in over 75 countries with 42,300 employees. Oxygen, nitrogen, hydrogen and rare gases have been at the core of Air Liquide's activities since its creation in 1902. Using these molecules, Air Liquide continuously reinvents its business, anticipating the needs of current and future markets. The Group innovates to enable progress, to achieve dynamic growth and a consistent performance.

Innovative technologies that curb polluting emissions, lower industry's energy use, recover and reuse natural resources or develop the energies of tomorrow, such as hydrogen, biofuels or photovoltaic energy... Oxygen for hospitals, homecare, fighting nosocomial infections... Air Liquide combines many products and technologies to develop valuable applications and services not only for its customers but also for society.

A partner for the long term, Air Liquide relies on employee commitment, customer trust and shareholder support to pursue its vision of sustainable, competitive growth. The diversity of Air Liquide's teams, businesses, markets and geographic presence provides a solid and sustainable base for its development and strengthens its ability to push back its own limits, conquer new territories and build its future.

Air Liquide explores the best that air can offer to preserve life, staying true to its sustainable development approach. In 2009, the Group's revenues amounted to €12 billion, of which almost 80% were generated outside France. Air Liquide is listed on the Paris Euronext stock exchange (compartment A) and is a member of the CAC 40 and Dow Jones Euro Stoxx 50 indexes.