

Air Liquide's technology chosen for the world's largest hydrogen station in Beijing, China

The Daxing hydrogen station equipped with Air Liquide technology is the world's largest hydrogen station with a capacity of nearly 5 tonnes per day. Located in Beijing, it is part of a 200,000 square-meter International Hydrogen Energy Demonstration Zone which includes an exhibition hall opened to the public and inaugurated July 8 2021.

Air Liquide Houpu Hydrogen Equipment Co., Ltd, a subsidiary of Air Liquide Group, supplied and installed 8 hydrogen dispenser units for the Daxing station, owned and operated by Beijing Hypower Energy Technology Ltd. With a capacity of 4.8 tonnes, **this station can refuel 600 hydrogen fuel cell vehicles (cargo van, garbage truck and bus) per day**, making it the largest in the world in terms of refueling capacity. Air Liquide Houpu also provided commissioning and training services to the station's employees to ensure smooth operation.

The Daxing hydrogen station is **part of the 200,000 square-meter Beijing International Hydrogen Energy Demonstration Zone**. Accommodating a technology park, a test base and other function areas, this demonstration zone, open to the public, aims to build an **innovation ecosystem that integrates research & development, test and production related to hydrogen energy**. An exhibition hall, to which Air Liquide has contributed, was installed and inaugurated on July 8 2021, to provide an immersive experience of hydrogen energy for the public.

China is scaling up several fuel cell vehicle projects in 5 priority provinces and 10 major cities, actively developing a low-carbon sustainable automobile industry. Air Liquide will continue to contribute to the progress of hydrogen mobility in China and low-carbon industrial hydrogen, investing in the development and construction of stations, while accelerating the development of local low-carbon hydrogen production in key areas such as the Yangtze River Delta, Beijing-Tianjin-Hebei, as well as in the Guangdong, Hubei & Sichuan provinces. In line with its Climate objective commitments, Air Liquide is proud to contribute to energy transition across the country.

Zha Zhiwei, Chairman of Beijing Hypower Energy Technology Ltd., said: **"Air Liquide boasts rich experience in the whole value chain of hydrogen energy. With its hydrogen equipment and installation service, Air Liquide Houpu has played a fundamental role in building the Daxing Hydrogen Refueling Station, the biggest in the world. We look forward to deepening cooperation with Air Liquide to contribute to the deployment of hydrogen refueling stations and energy transition in China ."**

François Abrial, Member of the Air Liquide Group's Executive Committee supervising Asia Pacific, said, **"We are proud to contribute to the construction of the world's largest hydrogen station by leveraging Air Liquide's state-of-art technology. We are convinced that hydrogen will play a key role in the transition to a low-carbon society. We will continue to work with our partners to develop the hydrogen energy infrastructure network in China and support its ambition for hydrogen mobility."**

Air Liquide China

Air Liquide in China operates nearly 120 plants and employs close to 5,000 employees today. With a strong presence in the key coastal industrial areas, Air Liquide is now expanding into the center, south and west. Its main business activities include industrial and medical gas operations, home health service, Engineering & Construction (designing, manufacturing and installing air separation units/hydrogen facilities), as well as Innovation activities.

Air Liquide Houpu

Air Liquide Houpu is a joint-venture between Air Liquide and Houpu established in China in 2019, focusing on manufacture, sales, research and developing the equipment of hydrogen refueling stations.

Air Liquide's commitment to hydrogen

In full support of the 2015 Paris agreement, Air Liquide's commitments address the urgency of climate change and energy transition, targeting carbon neutrality by 2050. As a pioneer in hydrogen, the Group is convinced that hydrogen is a cornerstone of the energy transition. In the past 50 years, the Group has developed unique expertise enabling it to master the entire supply chain, from production and storage to distribution, contributing to the widespread use of hydrogen as a clean energy carrier for a wide range of applications such as industrial usages and clean mobility.

Air Liquide is committed to reaching several goals, investing approximately 8 billion Euro in the low-carbon hydrogen full value chain by 2035, and a total of 3 GW electrolysis capacity by 2030.

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A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 78 countries with approximately 64,500 employees and serves more than 3.8 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the company's activities since its creation in 1902.

Air Liquide's ambition is to be a leader in its industry, deliver long term performance and contribute to sustainability - with a strong commitment to climate change and energy transition at the heart of its strategy. The company's customer-centric transformation strategy aims at profitable, regular and responsible growth over the long term. It relies on operational excellence, selective investments, open innovation and a network organization implemented by the Group worldwide. Through the commitment and inventiveness of its people, Air Liquide leverages energy and environment transition, changes in healthcare and digitization, and delivers greater value to all its stakeholders.

Air Liquide's revenue amounted to more than 20 billion euros in 2020. Air Liquide is listed on the Euronext Paris stock exchange (compartment A) and belongs to the CAC 40, EURO STOXX 50 and FTSE4Good indexes.