

## Air Liquide Korea, Jeollanam-do Province, and Yeosu City sign an MoU to stimulate the hydrogen industry in Yeosu and the Jeollanam-do Province

- Air Liquide Korea, Jeollanam-do Province and Yeosu City to cooperate on hydrogen development
- Air Liquide Korea to support the deployment of a hydrogen supply value chain, including heavy-duty refueling stations in Jeollanam-do, and a filling center as well as a liquid hydrogen plant in Yeosu.
- Jeollanam-do Province and Yeosu City to provide the administrative support for the Air Liquide project

On June 11, 2021, Air Liquide Korea, Jeollanam-do Province and Yeosu City representatives attended a Memorandum of Understanding (MoU) signing ceremony at Air Liquide Korea Yeosu plant site, to join forces to accelerate the development of the hydrogen industry in Jeollanam-do Province. The ceremony was attended by Byung-Tae Yoon, Deputy Governor of Jeollanam-do Province, O-bong Kwon, Mayor of Yeosu City and Somie Kim, Vice President Hydrogen Energy of Air Liquide Korea, and other officials.

Through the MoU, Air Liquide Korea and Jeollanam-do Province agreed to jointly develop the Jeollanam-do hydrogen ecosystem, including the establishment and operation of heavy-duty hydrogen stations for fuel cell buses and trucks. In order to accelerate the deployment of the hydrogen mobility industry in the area, this agreement also envisions the creation of a new filling center.

In order to support this infrastructure, Air Liquide Korea plans to expand its industrial hydrogen facilities, as well as invest in a new liquid hydrogen plant in Yeosu by leveraging Air Liquide's world-class technologies. Liquid hydrogen is essential for large-scale production and delivery due to its higher energy density than gaseous hydrogen. The Group is renowned for its expertise in the entire hydrogen value chain, including liquefaction technologies. Moreover, the production facilities will be supplied with low-carbon hydrogen.

In the long term, Air Liquide Korea will also review plans to establish renewable hydrogen production, in conjunction with offshore wind farms, which are being developed by Jeollanam-do Province.

Air Liquide is committed to achieving carbon neutrality by 2050, as announced in March 2021, in line with global efforts to limit climate change as set out in the Paris Agreement, particularly by using hydrogen as a clean energy carrier for a wide range of applications, including industrial processes and mobility.

**Somie Kim**, Hydrogen Energy Vice President Air Liquide Korea, said: ***"The signature of such an MOU with Jeollanam-do Province and Yeosu city is a new step towards clean mobility. With our existing hydrogen plants in Yeosu, Air Liquide Korea is ideally placed to tap on its existing infrastructure to expand the hydrogen footprint in the area. In that respect, we are proud to demonstrate our growing commitment in this key region, and will certainly keep on accelerating our investments in the Jeollanam-do Province hydrogen value chain."***

**Byung-Tae Yoon**, Deputy Governor of Jeollanam-do Province, said: *"I am very proud that Air Liquide Korea carried out the investment and operates the Yeosu 4th plant which was approved as the first foreign investment agreement after Yungrok KIM's inauguration as the JeonNam governor. In the era of energy transition, taking a step further, we are also pleased to sign this MOU for expanding Air Liquide's hydrogen business more widely. Transition to Hydrogen energy society is a new path for humankind and we all should endeavor together to establish the hydrogen industry ecosystem. We hope Air Liquide Korea and Yeosu City can lead the hydrogen industry, which will become the key growth engine in the future energy market. And then, also contribute to building up the mecca of green hydrogen industry. For that, Jeollanamdo will do its best to help"*.

**O-bong Kwon**, Mayor of Yeosu, said: *"Hydrogen energy, the optimal energy source for responding to carbon neutrality and climate change, is essential, not an option. We expect that the signing of the MOU with Air Liquide Korea, a global hydrogen company, will be a new driving force for the development of the hydrogen industry in Yeosu."*

### **About Air Liquide Korea**

Air Liquide has been present in South Korea since 1996, and employs today more than 400 persons. On top of providing industrial gases and related services to major industries (petrochemical, steel, semiconductors, car manufacturing, etc.), it also has a strong presence in Home Healthcare activities. It is also one of the founders and key contributors to the development of the hydrogen economy in Korea, as shown by its participation in HyNet, a special purpose company created in 2019 to install 100 hydrogen refueling stations by 2022 and in KOHYGEN (Korea Hydrogen Green Energy Network), a special-purpose company established to accelerate fuel cell heavy-duty vehicle deployment in South Korea.

### **Air Liquide's commitment to hydrogen**

In full support of the 2015 Paris agreement, the **Air Liquide 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**.

## **CONTACTS**

**Joyce PARK**

**Air Liquide Korea Communications**

+82 2 3019 2527

[joyce.park@airliquide.com](mailto:joyce.park@airliquide.com)

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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.

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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