

## Air Liquide selected for development of a large scale sustainable aviation fuel project in the UK

**Air Liquide Engineering & Construction has been awarded an engineering package by Alfanar to support the development of the Lighthouse Green Fuels project located in Teesside, UK.**

The Lighthouse Green Fuels project is one of the first projects underway in the UK aiming to convert biogenic and non-biogenic solid wastes and residues into sustainable aviation fuels (SAF) on a large scale.

As part of the agreement, Air Liquide Engineering & Construction will provide the license, basic engineering and FEED for the new plant with its innovative and well-referenced syngas cleaning, hydrogen purification and carbon capture (RECTISOL™) technologies, which will process around one million tonnes of wastes and residues into SAF each year.

The plant is expected to enter commercial operation in 2028 and to fuel the equivalent of more than 25,000 short-haul or 2,500 long-haul flights a year.

This innovative development for waste processing into sustainable aviation fuel at industrial scale is driven by Air Liquide's strong technology know-how, expertise and operational capabilities to develop innovative and customized solutions for its customers to support the energy transition.

Bruno Ponson, Vice President of Air Liquide Engineering & Construction stated: ***"We are pleased to support our customer, Alfanar, to develop their innovative sustainable fuel project in the UK. This project is yet another example illustrating our expertise and broad technology portfolio to accompany our customers in decarbonization efforts in both industry and mobility sectors"***.

### **Air Liquide Engineering and Construction**

Air Liquide Engineering & Construction builds Air Liquide Group production units (mainly air gas separation and renewable and low carbon hydrogen production units) and provides external customers with efficient, sustainable, customized technology and process solutions. Air Liquide Engineering & Construction's core expertise in industrial gases, energy conversion and gas purification, enables customers to optimize natural resources. This business unit covers the entire project life-cycle: license engineering services / proprietary equipment, high-end engineering & design capabilities, project management & execution services. As a technology partner, customers benefit from our research and development to contribute to energy transition.

### **CONTACTS**

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A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 73 countries with approximately 67,100 employees and serves more than 3.9 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.

Taking action today while preparing the future is at the heart of Air Liquide's strategy. With ADVANCE, its strategic plan for 2025, Air Liquide is targeting a global performance, combining financial and extra-financial dimensions. Positioned on new markets, the Group benefits from major assets such as its business model combining resilience and strength, its ability to innovate and its technological expertise. The Group develops solutions contributing to climate and the energy transition—particularly with hydrogen—and takes action to progress in areas of healthcare, digital and high technologies.

Air Liquide's revenue amounted to more than 29.9 billion euros in 2022. Air Liquide is listed on the Euronext Paris stock exchange (compartment A) and belongs to the CAC 40, CAC 40 ESG, EURO STOXX 50, FTSE4Good and DJSI Europe indexes.