Air Liquide

PRESS RELEASE

Paris, July 16, 2026

# Air Liquide invests over 160M USD in the U.S. to supply advanced chips manufacturing in Arizona

**Air Liquide announces a new investment of over 160 million US dollars to build, own and operate a new large-scale production facility in Arizona to supply essential ultra-high purity gases to the latest fab expansion of a global leader in advanced semiconductor nodes. Building on Air Liquide's existing presence at the site, this new contract highlights the customer's continued trust in the Group's ability to reliably support its significant expansion. With this investment, Air Liquide reinforces its position as an essential partner to support the American semiconductor boom and the domestic supply chain for AI technologies.**

Set to begin operations in 2028, Air Liquide's state-of-the-art facility will deliver, among other gases, **in particular ultra-pure, low-carbon hydrogen with carbon capture technology**. Essential for semiconductor manufacturing, hydrogen is primarily used in wafer manufacturing, annealing, and removing surface oxides during the most sensitive chip manufacturing processes.

To provide the extreme precision and reliability needed to manufacture the most advanced chips driving tomorrow's AI infrastructure and high-performance computing, Air Liquide will operate its hydrogen production and carbon capture units directly on-site, at the customer's fab. The Group will also leverage its existing local infrastructure to maximize operational efficiency. Furthermore, **the $CO_2$ captured on-site will be liquefied and purified to supply the customer's high-purity gas needs. This will contribute to reducing the carbon footprint of the hydrogen used in the chip manufacturing process.**

**Air Liquide continues to play a pivotal role in localizing the global semiconductor supply chain**. By positioning its operations at the doorstep of its major customers, Air Liquide delivers the critical components required for the most advanced technologies in a safe, reliable way.

**Matthieu Giard,** Group Executive Committee member, notably supervising operations in the Americas, stated: ***"This new investment underscores advanced chip manufacturers' confidence in Air Liquide's capacity to ensure reliable, cost-effective supply of critical ultra-pure gases required to power the AI revolution domestically, sustainably and with uncompromising quality. As semiconductor manufacturers are increasingly reshoring their activities in the U.S., we successfully support their growth ambitions thanks to our leading, unique and comprehensive expertise in the Electronics sector."***

## CONTACTS


**Corporate Communications**
media@airliquide.com

**Investor Relations**
IRTeam@airliquide.com


---

Oxygen, nitrogen, hydrogen, and many other essential small molecules are the invisible pillars of our world and our lives. They have been at the core of the Group's activities since its creation in 1902.

A world leader in gases, technologies and services for industry and healthcare, Air Liquide acts as the backbone of numerous economic sectors, serving 4.3 million customers and patients across 59 countries with approximately 65,000 employees. With revenues close to 27 billion euros in 2025, Air Liquide combines strong performance and useful growth.

The Group is a leader with a diversified, resilient business model and a strong local footprint across the globe. Through deep engineering expertise and technological innovation, Air Liquide provides scalable solutions that enhance industrial efficiency, accelerate decarbonization, and strengthen value chains. Strategically exposed to growth markets and megatrends, the Group accompanies major industrial and societal transformations to create long term added value and build a sustainable future.

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 Dow Jones Best-in-Class Europe Index indexes.