

Air Liquide in brief 2023



A strategy guided by ADVANCE, our 2025 plan

The Group is pursuing its ADVANCE plan, placing sustainable development at the heart of its strategy and positioning itself on the path to global performance that combines financial and extra-financial performance. ADVANCE is built on four pillars: delivering strong financial performance; decarbonizing industry; unlocking progress through innovation and acting for all by taking into account the interests of all our employees, all our stakeholders and of society as a whole.

2023 Performance

€27.6bn

of revenue
+3.7%⁽¹⁾

-4.7%

of scope 1 and 2 CO₂ emissions⁽²⁾
compared with 2022

32%

of our managers and professionals
in 2023 were women, with a target
of 35% by 2025

€3.1bn

of net profit (Group share)
+11.6% compared to 2022

€4.3bn

of investment decisions

78%

of employees benefited from our
common basis of care coverage in
2023, with a target of 100% by 2025

Air Liquide, a world leader in gases, technologies and services for industry and health

Air Liquide serves a very wide variety of customers around the world, acting as a partner to nearly every sector of the economy.

Air Liquide's industrial and medical gases form the core of the Group's business and are used in numerous industrial processes such as water treatment, glass manufacturing, preservation of fresh food and farming. They are present in consumer products (including food, beverages, smartphones, cars and more), hospitals and patients' homes.

The Group's customer-centric approach on the field, working alongside small businesses, large organizations and healthcare professionals alike, enables it to develop a deeper understanding of the changes in various markets in order to offer innovative solutions that meet customers' needs.

67,800

employees

72

countries

4M

customers and patients

3,900

employees contributing to innovation

~800,000

individual shareholders

(1) Change excluding the currency, energy (natural gas and electricity), and significant scope impacts.

(2) In tonnes of CO₂-equivalent of Scopes 1 and 2, on a "market-based" methodology.

Our Activities

Air Liquide provides industrial and medical gases, technologies and services to nearly every sector of the economy.

For industry

We serve a wide range of customers, from craftsmen to large corporations, in sectors as diverse as steel production, energy, chemicals, automotive manufacturing, food and aerospace. We produce and deliver gases in large quantities, relying on our expertise in gases, services and application technologies, and build plants and equipment.

2M

industrial customers in 72 countries.

For patients and healthcare professionals

We provide medical products and services to meet the needs of patients, doctors, care facilities, and the healthcare system as a whole. Present in both hospitals and patients' homes, our Group is a committed partner and is aiding transformation in the healthcare sector.

2M

patients were supported by Air Liquide in 2023, with 55% following a personalized care pathway.

For electronics

We innovate for our electronics customers, who use our gases and advanced materials for the manufacturing of flat-screens, processors and smaller, faster chips.

35%

of investment projects dedicated to Electronics within our portfolio.

For new markets

We develop new markets to serve the energy transition, such as hydrogen and biomethane. We also provide technological solutions (molecules, equipment and services) that are essential to major international scientific projects, as well as deep-tech⁽¹⁾ markets.

211,000

tonnes of CO₂ emissions avoided in 2023 thanks to 1.8 TWh of biomethane produced each year by the Group.

Distribution of sales in 2023

Engineering & Construction

2%⁽²⁾

Plants and equipment for gas production

Large Industries

28%⁽²⁾

Industrial gases in large quantities through long-term contracts

Industrial Merchant

43%⁽²⁾

Industrial gases in small and medium quantities, application technologies, small equipment and services for a wide range of customers

Healthcare

15%⁽²⁾

Medical gases, products and services to support the patients, whether in hospital or at home

Electronics

9%⁽²⁾

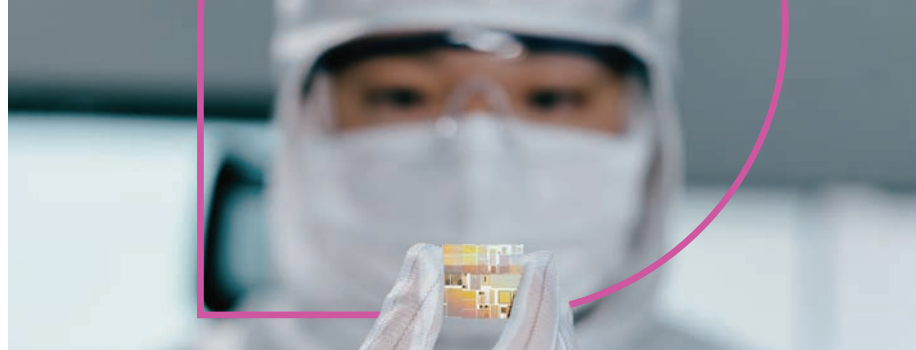
High purity gases in large quantities and design of new molecules

Global Markets & Technologies

3%⁽²⁾

Molecules, equipment and services to support the markets related to the energy transition and deep-tech⁽¹⁾

(1) Disruptive technologies based on scientific breakthroughs that can fundamentally change design and production methods.
(2) Share of 2023 Group revenue.



Championing climate solutions to accelerate the energy transition

The industrial sector, and in particular heavy industry, ranks among the world's major emitters, accounting for around 20% of global CO₂ emissions. A drastic and rapid reduction of these emissions is crucial to achieving carbon neutrality. Convinced of the strength of collaboration, Air Liquide establishes partnerships across multiple sectors, and invests to accelerate the transition towards a low-carbon industry, as part of its ADVANCE strategic plan.

Decarbonizing the industry through CCS

As a pioneer in carbon capture for its sequestration, Air Liquide is equipped to help industrial customers to decarbonize their activities. One of many agreements we signed in 2023 was with Holcim, one of the largest cement producers worldwide, to decarbonize their Belgian plant. Using the Group's proprietary Cryocap™ technology, which captures CO₂ by liquefaction through cryogenics, we expect to avoid 1.1 million tonnes of emissions every year.

Developing the low-carbon hydrogen sector

Air Liquide regards hydrogen as a key enabler of the energy transition and is developing technologies to produce it with minimized carbon emissions. Most notably, the Group is constructing a Proton Exchange

Membrane (PEM) electrolyzer in Port-Jérôme, France, with a capacity of 200 MW. The objective is to produce up to 28,000 tonnes of decarbonized hydrogen per year, beginning in 2026. It will be unique through its use of next-generation PEM electrolysis modules, produced by the new gigafactory operated by Air Liquide and Siemens Energy in Berlin, Germany.

Promoting sustainable mobility

The Group sees hydrogen as rich in potential in the transition to sustainable mobility; in particular, in heavy-duty transportation. This has been the motivation to form TEAL Mobility in partnership with TotalEnergies. This joint venture will establish a network of 100 hydrogen refuelling stations for trucks along major European highways. The goal is to create a significant ecosystem; a catalyst for the development of this new mobility.





Air Liquide is a world leader in gases, technologies and services for industry and health. Present in 72 countries with 67,800 employees, the Group serves over 4 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.



airliquide.com

See our annual publications on our website: Annual Report, Sustainability Report, Universal Registration Document, Shareholder's Practical Guide.



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