Air Liquide serves a very wide variety of customers around the world, acting as a partner to nearly every sector of the economy. The industrial and medical gases at the core of the Group’s business 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 presence in the field, alongside small businesses, large companies and healthcare professionals alike, enables it to detect new needs through a customer-centric approach. It is therefore able to develop a deeper understanding of the changes in various markets in order to offer innovative solutions to meet its customers’ needs.

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

67,100 employees
73 countries
>3.9M customers and patients
3,600 employees contributing to innovation
~750,000 individual shareholders

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.

This plan is built on four pillars:
- Delivering strong financial performance
- Decarbonizing industry and mobility
- Unlocking progress through innovation
- Acting for all by taking into account the interests of all our stakeholders.

2022 Performance

Revenue
€29,934M
+7%\(^{(1)}\)

Net profit (Group share)
€2,759M
+7.3%

CO\(_2\) emissions remained stable for the second consecutive year in a strong business growth context

Investment decisions
~€4bn

31.5% of engineers and professionals in 2022 were women, with an objective of reaching 35% by 2025

42% of employees benefited from the common basis of care coverage in 2022, with a target of 100% coverage by 2025

(1) On a comparable basis (excluding currency, energy effects and excluding significant scope).
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 companies, in sectors as diverse as steel production, energy, chemicals, automotive manufacturing, food and aerospace.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Share of 2022 Group revenue</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGINEERING &amp; CONSTRUCTION</td>
<td>2% (1)</td>
<td>Building plants and equipment for gas production at Air Liquide and for customers producing directly</td>
</tr>
<tr>
<td>LARGE INDUSTRIES</td>
<td>35% (1)</td>
<td>Producing and delivering gases in large quantities for major industrial basins (chemicals, refining, etc.)</td>
</tr>
<tr>
<td>INDUSTRIAL MERCHANT</td>
<td>38% (1)</td>
<td>Serving a wide range of customers, from craftsmen to big-sized companies, thanks to the Group’s expertise in gases and processes</td>
</tr>
<tr>
<td>HEALTHCARE</td>
<td>13% (1)</td>
<td>Providing gases, medical products and services to support our customers and patients, in hospital and at home</td>
</tr>
<tr>
<td>ELECTRONICS</td>
<td>9% (1)</td>
<td>Designing, manufacturing and providing molecules and equipment for our customers in this sector (manufacturers of semiconductors, flat panels, etc.)</td>
</tr>
<tr>
<td>GLOBAL MARKETS &amp; TECHNOLOGIES</td>
<td>3% (1)</td>
<td>Providing technological solutions (molecules, equipment and services) for new markets related to the energy transition and deep tech (2)</td>
</tr>
</tbody>
</table>

FOR PATIENTS AND HEALTHCARE PROFESSIONALS
We provide medical products and services to meet the needs of patients, doctors and care facilities. Present in both hospitals and patients’ homes, our Group is a committed partner of transformation in the healthcare sector.

<table>
<thead>
<tr>
<th>Description</th>
<th>Number</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2M industrial customers in 73 countries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.9M patients supported by Air Liquide in 2022, 49% of whom are following a personalized care pathway</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

-133K metric tonnes of CO₂ in the electronics industry in 2022 thanks to enScribe™, our range of advanced materials

FOR OPENING NEW MARKETS
We develop new markets associated with the energy transition, such as the hydrogen and biomethane markets. We also provide technological solutions (molecules, equipment and services) that are essential to the implementation of major international scientific projects, such as ITER and the CERN particle accelerator, and deep tech (2) markets.

22 biomethane production plants worldwide with production capacity of 1.6 TWh per year

(1) Share of 2022 Group revenue.
(2) Disruptive technologies based on scientific breakthroughs that can fundamentally change design and production methods.
Decarbonizing our own operations

In order to reduce its indirect CO₂ emissions linked to energy use, Air Liquide is adopting a proactive approach by signing long-term contracts to purchase renewable and low-carbon electricity to supply its production units.

Improving the energy efficiency of our plants

We are constantly improving the design of our production units to reduce energy consumption. In addition, through the Smart and Innovative Operations (SIO) program, we are adapting the production of our plants thanks to our remote control centers. These enable us to improve reliability and optimize energy consumption. Another area of action to decarbonize our operations is logistics. In 2020, the Group deployed a program to digitize its liquid gas supply chain, notably using AI. This allows Air Liquide to determine optimal routes, thus limiting the number of kilometers traveled by delivery trucks.

Helping our customers achieve carbon neutrality

Developing hydrogen applications

Whether for industry or mobility, hydrogen has a key role to play in the energy transition. Drawing on more than 60 years of expertise in this molecule, Air Liquide deploys technologies across the entire low-carbon hydrogen supply chain. This technological mastery has led to many partnerships with major international companies.

~€8bn will be invested in the low-carbon hydrogen value chain by 2035

Accelerating the deployment of CCS technologies

Today, carbon capture and storage (CCS) is one of the most effective ways to decarbonize industry in the short term. For 15 years, Air Liquide has been developing CO₂ management solutions, including Cryocap™, which uses cryogenics to capture up to 98% of emissions. Present throughout the CCS value chain, the Group is deploying large-scale projects in Europe and forging strategic partnerships.

Harnessing the potential of biomethane

Air Liquide is committed to developing biomethane, a key energy source for accelerating the energy transition and contributing to a circular economy. From biomass supply to biomethane production, and purification to transportation, the Group is positioning itself as a partner of choice for manufacturers, farmers and local authorities. Air Liquide already counts production sites throughout Europe, and is expanding its activities in China and the United States.

-33% CO₂ emissions by 2035

(3) Artificial intelligence.
(4) In metric tons of CO₂ equivalent from Scopes 1 and 2 on a “market basis,” restated to take into account for a full year from 2020 and each year thereafter, emissions from assets, which correspond to changes in scope both upwards and downwards and which have a significant impact on CO₂ emissions. Scope 2 emissions calculated from the specific supplies (market-based), the Group hence adopted the methodology recommended by the GHG Protocol.
Air Liquide is a world leader in gases, technologies and services for industry and health. Present in 73 countries with 67,100 employees, the Group serves over 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.