

H1 2021 Results

+15% sales growth in Q2

Continued significant margin improvement, +100bps

High backlog of growth projects

Benoît Potier, Chairman & Chief Executive Officer Jérôme Pelletan, Chief Financial Officer

Paris, July 29, 2021



Outstanding Financial Performance High Backlog of Growth Projects

Benoît Potier
Chairman & Chief Executive Officer



H1 2021 Key Highlights

- Q2 sales above 2019 in all regions and Business Lines
- Outstanding financial performance
- Major Healthcare societal contribution
- Key achievements in energy transition projects
- Strong & diversified backlog ensuring future growth

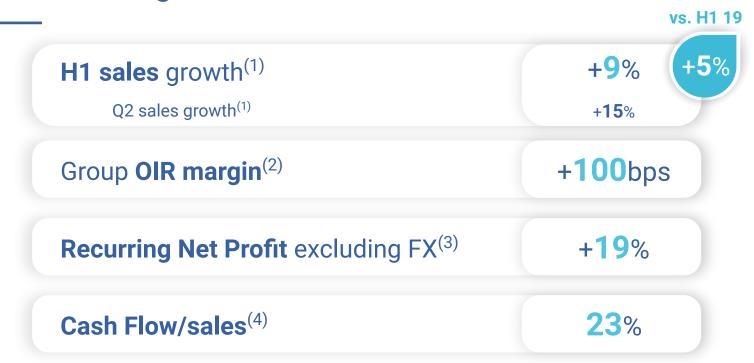


Takeover of the Largest Air gases Production Site Worldwide





Outstanding Performance in H1 2021



⁽¹⁾ On a comparable basis (excluding currency, energy and significant scope impacts). Vs. 2019: calculated as the sum of the comparable effects of 2020 and 2021



⁽²⁾ Operating Income Recurring on Sales, excluding energy pass through impact

⁽³⁾ Excluding exceptional and significant transactions that have no impact on the operating income recurring

⁽⁴⁾ Cash flow from operating activities before changes in working capital on sales

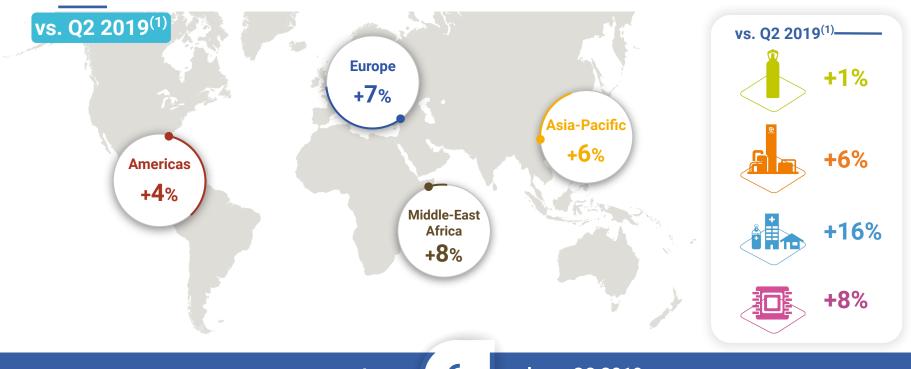
Continued Group Sales Recovery vs. Low Q2 2020







Q2 Sales above Pre-Covid Level



Group sales

+6%

above Q2 2019

(1) Calculated as the sum of the comparable effects of 2020 and 2021

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Major Healthcare Societal Contribution in H1 2021

Full mobilization to supply O₂ to Covid-19 patients



INDIA

x4 medical O₂ production

Supply chain to deliver
 ~30,000 patients / day



BRAZIL

New access to medical O₂ in isolated regions

- With the Sustainable Amazon Foundation
- 5,000 O₂ concentrators throughout the country





RUSSIA

x6 medical O₂ supply

- Supply chain to deliver
 ~10,000 patients / day
- Medicalization of additional ASUs



SOUTH AFRICA

x4 medical O₂ supply

- 100 liquid medical O₂ installations sized up
- 4,000 O₂ concentrators



Key Achievements in Energy Transition Projects in H1 2021

Sustainability Day - Positioned to Capture Growth in the Energy Transition





Asia

- 4 signed MoU / partnerships for H₂ mobility in Korea and Japan
- Air Liquide's technology for the world's largest H₂ station in China

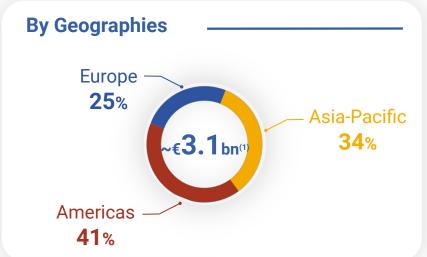
Americas

Very active Business development, new legislation being introduced



Strong & Diversified Backlog Ensuring Future Growth





By Investment Sizes

~70 projects with ~€45m average size

(1) Backlog at end of June 2021: industrial projects with value >€10m decided/signed but not yet started



H1 2021 Performance

Jérôme Pelletan
Chief Financial Officer



Very Strong YoY Sales Growth, Q2 +6% above 2019

Sales in €m	H1 20	H1 21	H1 21/20 As published	H1 21/20 Comparable	Q2 21/20 Comparable	vs. Q2 19 ⁽¹⁾
Gas & Services	9,920	10,350	+4.3%	+8.0%	+13.7%	+5%
Engineering & Construction	104	169	+61.9%	+65.9%	+83.6%	
Global Markets & Technologies	249	327	+31.6%	+34.9%	+44.4%	
Group Total	10,273	10,846	+5.6%	+9.2%	+15.2%	+6%

Impacts on H1 Group Sales:

-4.8% FX

+4.0% Energy

-2.8% Sign

Significant Scope

(1) Vs. 2019: calculated as the sum of the comparable effects of 2020 and 2021

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H1 2021 Results

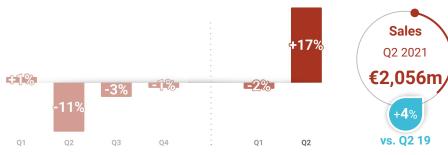
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Q2 – Americas and Europe well above 2019 Level

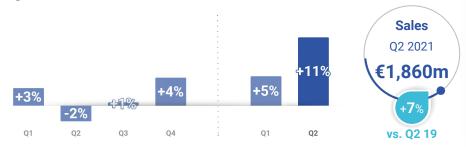
Americas

Very high activity in LI and HC, increased IM pricing



Europe

Strong HC, IM > 3% above 2019 level



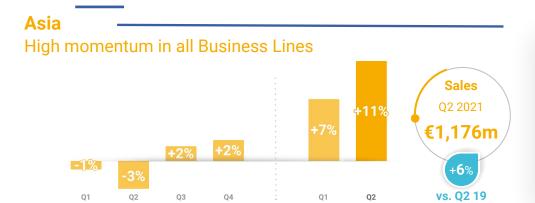
- . U.S. air gases capacity fully loaded in June
- LI . Ramp-up in Latin America
 - . Gas sales above Q2 2019
- . Growth in all end-markets, low Construction
 - . Increased pricing to +3.2%
 - **. High Medical O₂**, Covid-19 & U.S. proximity care **. Dynamic HHC** in Canada and Latam
- . Strong Carrier Gases, low E&I
- . Pursued strong Steel, high Chemicals.
- soft Refining
 - . Takeover in Kazakhstan in 01 2021
- . All end-markets well oriented IM
 - . Increased pricing at +1.7%
- . Sustained **high Medical O**, . Strong activity in HHC, notably Diabetes

G&S comparable sales growth

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Q2 - Dynamic Activity in China, Strong IM in AMEI

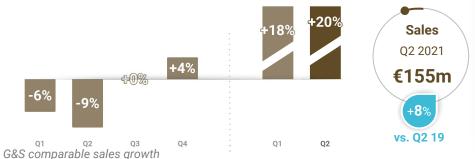




- +15% in China, mainly driven by Metal Fabrication
 IM and Electronic Components
 Sales in rest of Asia close to 2019 level
- **EL** .+9% growth in Carrier Gases
 High E&I, solid Advanced Materials

AMEI

High growth in IM, HC mobilized against Covid-19



- LI . Strong H₂ sales from KSA network
- IM . Sales recovering
- HC . Very strong Medical O₂ sales



Q2 - HC +9% on High Q2 20, IM Sales above 2019 Level

Healthcare

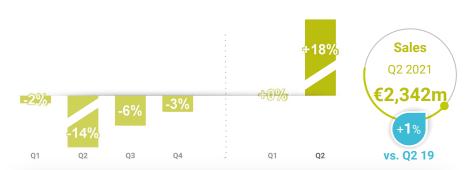
Strong Medical gases, Home Healthcare catching-up



- High Medical O₂ for Covid-19, elective surgeries, and Proximity Care in U.S.
- Pursued strong recovery in HHC, driven by diabetes & sleep apnea
- Lower ventilators sales vs. exceptional demand in Q2 2020

Industrial Merchant

Continued momentum



- Bulk & On-site strong drivers; low hardgoods in U.S.
- Growth in all end-markets, sales above 2019 in Food & Pharma, Craftsmen & Network, Technology, Materials & Energy
- Very solid pricing up to +2.4%

G&S comparable sales growth



Q2 – Dynamic LI, Strong EL Growth Drivers

Large Industries

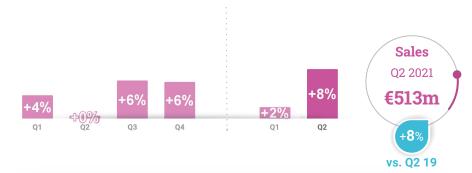
High contribution from Steel and Chemicals



- Continued strong Steel and high Chemicals, contrasted Refining, catching up in the U.S.
- Air gases volumes above Q2 2019 level
- High contribution from start-ups and ramp-ups

Electronics

All segments contributing to growth



- Sales up ~+10% in Carrier Gases, fed by start-ups and ramp-ups
- Solid Advanced Materials
- **High** growth in **E&I** vs. low Q2 2020

G&S comparable sales growth



+100bps OIR Margin Improvement

In €m	H1 20	H1 21	H1 21/20 As published	H1 21/20 Comparable
Revenue	10,273	10,846	+5.6%	+9.2%
Purchases	(3,631)	(4,079)	+12.3%	
Personnel Expenses	(2,183)	(2,129)	-2.5%	
Other net income and expenses	(1,562)	(1,641)	+5.1%	
Operating profit before depreciation	2,897	2,997	+3.4%	
Depreciation and amortization	(1,084)	(1,049)	-3.3%	
Operating income recurring	1,813	1,948	+7.4%	+17.1%
Group OIR margin	17.6%	18.0%	+40bps	
Group OIR margin excluding energy		18.6%		+100bps
G&S OIR margin	19.6%	20.0%	+40bps	
G&S OIR margin excluding energy		20.8%		+120bps



Increased Pricing, Delivering Efficiencies & Portfolio Management



- **Increased pricing** in Q2
- Supported by several price campaigns in Europe and U.S.
- Slightly negative helium contribution

Efficiencies



Cumulated efficiencies €1.7bn since 2017

Portfolio Management

5 divestitures



Greece, France, U.S., Japan

11 bolt-on acquisitions:



U.S., Canada, Europe, China



U.S., Europe



GM&T China



Continued Focus on OIR Margin Improvement



H₂ 2021 High H2 20

comparison basis

(1) Operating Income Recurring on Sales, excluding energy pass through impact



Strong Growth Leverage on Net Profit

In €m	H1 20	H1 21	H1 21/20 As published	H1 21/20 Excl. FX
Revenue	10,273	10,846	+5.6%	+10.4%
Operating income recurring	1,813	1,948	+7.4%	
Other non-recurring operating income & expenses	(92)	(40)		
Operating income	1,721	1,908		
Net financial costs and other net financial expenses	(217)	(188)		
Income taxes	(381)	(425)		
Tax rate	25.3%	24.7%		
Share of profit of associates	1	(2)		
Minority interests	46	54		
Net profit (Group share)	1,078	1,239	+14.9%	+23.1%
Earnings per share (in €)	2.29	2.63	+14.8%	
Recurring net profit ⁽¹⁾	1,113	1,239	+11.3%	+19.3%

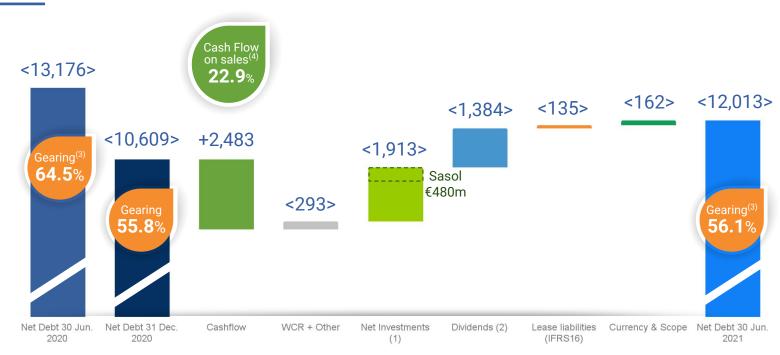
(1) Excluding non-recurring expenses related to Covid-19 in 2020

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Strong Cash Flow Allocated to Growth Capex and Dividends



- (1) Incl. acquisitions, transactions with minority shareholders, net of divestitures
- (2) Incl. treasury shares and capital increase
- (3) Adjusted for dividend seasonality
- (4) Cash Flow from Operations before changes in WCR on Sales



Continued Momentum in Projects Activity

Investment Opportunities⁽¹⁾



High level of opportunities

- **a** ~45% Energy transition
 - High share of EL projects
 - ~80% in **Europe** & **Asia**

Several takeovers





Strong level of decisions in H1 2021

- √ ~11%⁽²⁾ linked to efficiency
 - 2 major LI projects in China and Russia

Investment Backlog⁽¹⁾



Strong and diversified Backlog

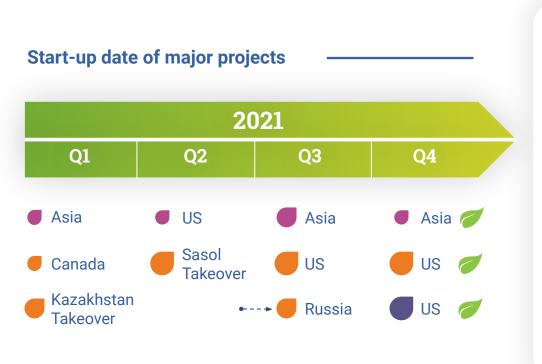
Many projects linked to energy transition

€1.0bn of yearly sales after full ramp-up



(2) Industrial decisions excl. Sasol ASUs takeover

Increased 2021 Sales Contribution with Sasol ASUs Takeover

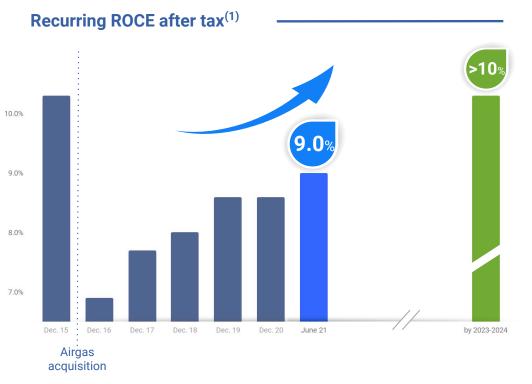




(1) Included in Significant Perimeter from H2 2021



Improving ROCE With Strong Investment Momentum



Objective of >10% ROCE by 2023-2024

Recurring ROCE based on Recurring Net Profit

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2021 Guidance Confirmed



Assumptions

- Recovery in 2nd half
- Sustained pricing, efficiency and portfolio management



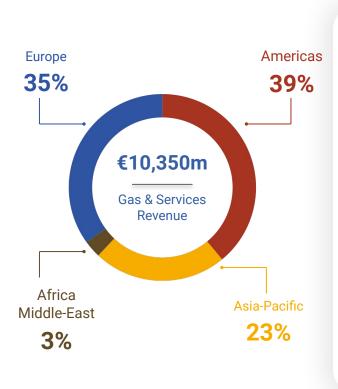
Guidance

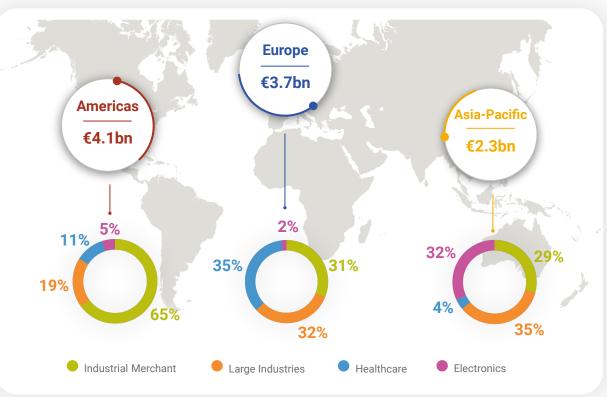
"In a context of recovery in 2nd half,
Air Liquide is confident in its ability
to further increase its operating
margin and to deliver recurring net
profit⁽¹⁾ growth, at constant
exchange rates."

Appendix



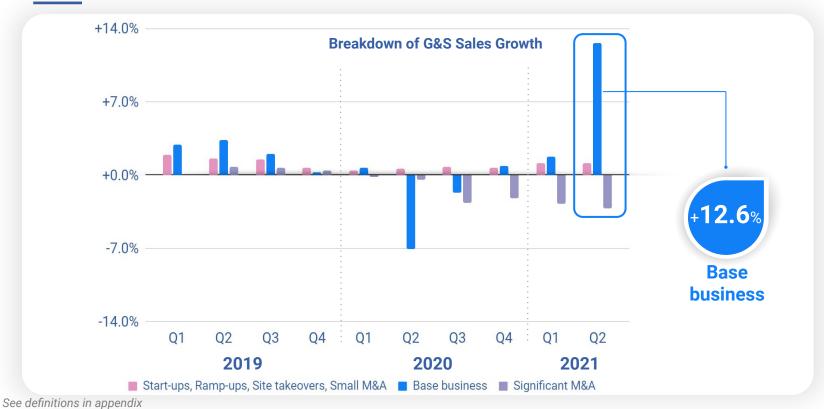
H1 2021 G&S Revenue Breakdown by Region







High SU/RU Contribution, Strong Base Business





Americas



Industrial Merchant

- Gas sales above Q2 2019. Low but improving hardgoods
- Growth in all end-markets.
 Food & Pharma, Technology above 2019; low Construction
- Increased pricing to +3.2%



Large Industries

- Strong air gases volumes in North America from Chemicals & Steel
- Catch up of H₂ for Refining
- Ramp-ups in Latam



Healthcare

- **High Medical O**₂ for Covid-19
- **Proximity Care** in the U.S. back to normal
- Dynamic HHC in Canada and Latam



Electronics

- Strong Carrier Gases
- Low E&I
- Solid Advanced Materials



Q2 21/20 Comparable Growth: +17.4% _____



in €m	H1 2021	Growth as published	Comparable growth
Sales	4,059	+2.1%	+7.3%
OIR	802	+7.8%	
OIR/Sales	19.7%	+100bps	+ 190bps ⁽¹⁾

(1) Excluding energy impact

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Europe



Industrial Merchant

- Sales >+3% above 2019 level
- All end-markets well oriented
- High Eastern Europe
- Increased pricing at +1.7%



Large Industries

- Pursued strong Steel, high Chemicals, soft Refining especially in South of Europe
- Takeover in Kazakhstan in Q1 2021



Healthcare

- Sustained high Medical O₂
- Lower ventilators sales vs. exceptional demand in Q2 2020
- Strong activity in HHC, from diabetes and sleep apnea
- High Specialty Ingredients



in €m	H1 2021	Growth as published	Comparable growth
Sales	3,657	+6.3%	+7.4%
OIR	692	+1.7%	
OIR/Sales	18.9%	-90bps	+ 30bps ⁽¹⁾



+19.9%

Asia-Pacific



Industrial Merchant

- +15% in China, mainly driven by
 - Metal Fabrication and Electronic Components
 - small on-sites and cylinders
- Sales in rest of Asia close to 2019 level
- Pricing +0.1%, +0.8% excluding helium



Large Industries

- High air gases for Steel and Chemicals in China
- Strong H₂/CO in Korea and Singapore

+10.8%

• Solid sales for Steel in Japan

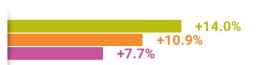


Electronics

- +9% growth in Carrier Gases, with RUs in China and Japan
- Solid Advanced Materials helped by a one-off sale in June
- High E&I notably in Taiwan and Singapore



Q2 21/20 Comparable Growth:



in €m	H1 2021	Growth as published	Comparable growth
Sales	2,326	+4.0%	+8.7%
OIR	513	+6.0%	
OIR/Sales	22.1%	+40bps	+ 50bps ⁽¹⁾

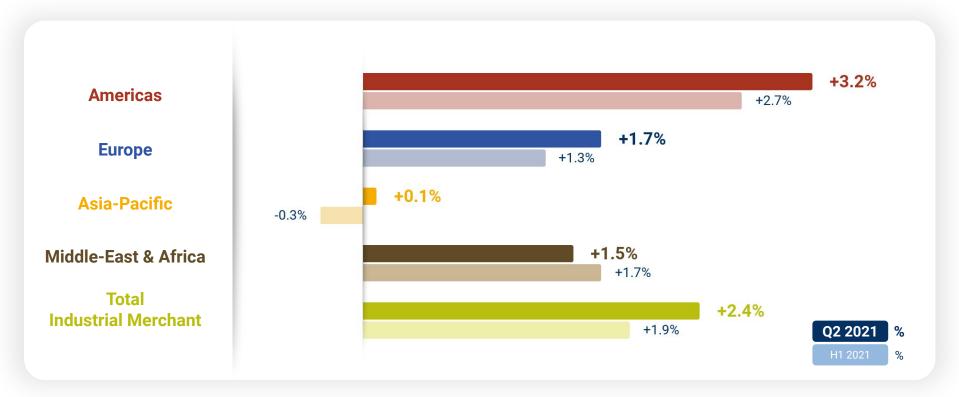
(1) Excluding energy impact

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Industrial Merchant Pricing





Q2 2021 E&C and GM&T Activities



Engineering & Construction

Strong recovery in sales vs. low Q2 20



Pursued momentum of order intake

€257m





Global Markets & Technologies

 Strong sales vs. low Q2 20, driven by high biogas activity



Recovery in order intake

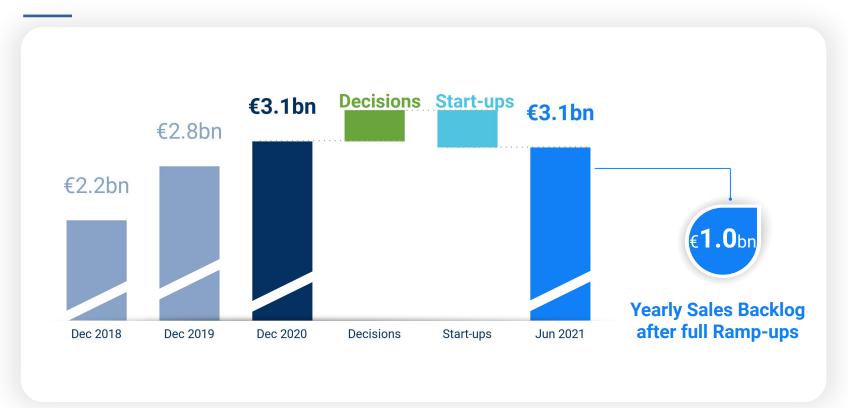
€182m



(1) Including internal sales



Maintained Strong Level of Backlog at €3.1bn



See definitions in appendix



Consolidated P&L

In €m	H1 20	H1 21
Revenue	10,273	10,846
Operating costs	(7,376)	(7,849)
Operating profit before depreciation	2,897	2,997
Depreciation and amortization	(1,084)	(1,049)
Operating income recurring	1,813	1,948
Other non-recurring operating income & expenses	(92)	(40)
Operating income	1,721	1,908
Net financial costs and other net financial expenses	(217)	(188)
Income taxes	(381)	(425)
Share of profit of associates	1	(2)
Profit for the period	1,124	1,293
- Minority interests	46	54
- Net profit (Group share)	1,078	1,239
Basic earnings per share (in €)	2.29	2.63



Consolidated Balance Sheet Simplified

ASSETS	31/12/2020	30/06/2021
Goodwill	13,087	13,435
Fixed assets	21,401	22,774
Other non-current assets *	1,123	1,105
Total non-current assets	35,611	37,314
Inventories & work in-progress	1,406	1,482
Trade receivables & other current assets	3,033	3,394
Cash and cash equivalents *	1,836	1,426
Total current assets	6,275	6,302
Assets held for sale	91	83
Total assets	41,977	43,699

	31/12/2020	30/06/2021
Net debt	10,609	12,013
Net debt to equity ratio	55.8%	56.1 % ⁽¹⁾

EQUITY AND LIABILITIES	31/12/2020	30/06/2021
Shareholders' equity	18,543	19,074
Minority interests	462	500
Total equity	19,005	19,574
Provisions & Deferred tax liabilities	4,290	4,261
Non-current borrowings	10,220	10,069
Non-current lease liabilities	969	994
Other non-current liabilities *	218	265
Total equity and non current liabilities	34,702	35,163
Provisions	316	304
Trade payables & other current liabilities	4,462	4,602
Current lease liabilities	218	220
Current borrowings *	2,240	3,374
Total current liabilities	7,236	8,500
Liabilities held for sale	39	36
Total equity and liabilities	41,977	43,699

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^{*} Including fair value of derivatives (1) Adjusted for dividend seasonality

Cash Flow Statement

In €m	H1 20	H1 21
Funds provided by operations	2,371	2,483
Changes in Working Capital	(157)	(267)
Other cash items	(61)	(26)
Net cash from operating activities	2,153	2,190
Purchases of PPE* and intangible assets	(1,320)	(1,439)
Purchases of financial assets and the impact of changes in scope	(64)	(569)
Proceeds from sale of PPE*, intangible and financial assets	85	132
Net cash in investing activities	(1,299)	(1,876)
Distribution	(1,350)	(1,366)
Increase in capital stock	27	23
Purchase of treasury shares	(50)	(40)
Transactions with minority shareholders	(10)	(37)
Change in borrowings and lease liabilities (incl. net interests)	1,011	593
Impact of Exchange rate changes and net debt of newly consolidated companies & others	12	61
Change in net cash and cash equivalents	493	(452)
Net cash and cash equivalents at the end of the period	1,390	1,266

* PPE: Property, plant and equipment

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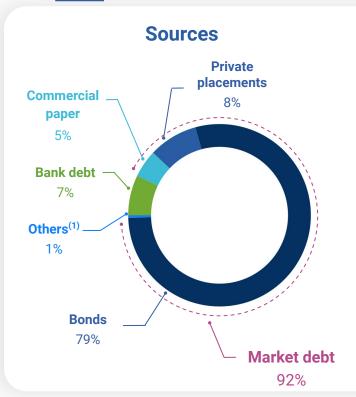


Impact of Currency and Energy on G&S Revenue

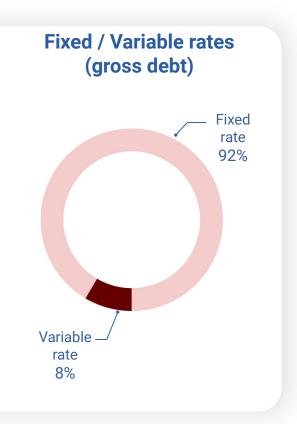
in €m	Q1 20	Q2 20	Q3 20	Q4 20	Q1 21	Q2 21
€/USD	+55	+30	(86)	(126)	(165)	(169)
€/JP¥	+11	+11	(11)	(9)	(14)	(25)
€/ARS	(16)	(23)	(10)	(26)	(18)	(14)
€/BRL	(11)	(22)	(25)	(23)	(23)	(6)
Others	+1	(26)	(66)	(62)	(46)	(6)
Currency Impact	+40	(30)	(198)	(246)	(266)	(220)
in €m	Q1 20	Q2 20	Q3 20	Q4 20	Q1 21	Q2 21
Natural Gas Impact	(103)	(135)	(61)	(18)	+133	+171
in €m	Q1 20	Q2 20	Q3 20	Q4 20	Q1 21	Q2 21
Electricity Impact	(31)	(31)	(19)	(7)	+46	+68



Financing Structure as of June 30, 2021







(1) Others: put options granted to minority shareholders

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Investment Cycle – Definitions

Investment opportunities at end of the period

- Investment opportunities under consideration by the Group for decision within 12 months.
- Industrial projects with investment value > €5m for Large Industries and > €3m for other business lines.
- Includes asset replacements or efficiency projects. Excludes maintenance and safety.

Investment backlog at end of the period

- Cumulated industrial investment value of projects decided but not yet started.
- Industrial projects with value > €10m, including asset replacements or efficiency projects, excluding maintenance and safety.

Sales backlog

Cumulated expected sales per year generated by the current investment backlog after full ramp-up.

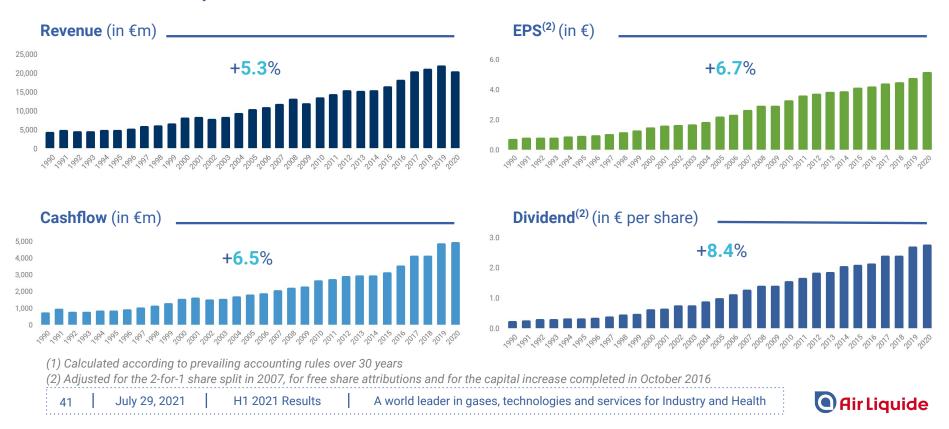
Decisions of the period

- Cumulated value of industrial and financial investment decisions.
- Industrial, growth and non-growth projects including asset replacements, efficiency, maintenance and safety.
- Financial decisions (acquisitions).



Regular and Sustained performance

CAGR over 30 years⁽¹⁾



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Upcoming events

2021 Third Quarter Revenue: October 22, 2021

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L'Air Liquide S.A.

Corporation for the study and application of processes developed by Georges Claude with registered capital of 2,605,133,982.00 euros



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