

## A world leader in gases, technologies, and services for...





**EMPLOYEES** 



PRESENT IN 78 COUNTRIES



+3.8 MILLION CUSTOMERS & PATIENTS



REVENUE €20.5bn



NET PROFIT (GROUP SHARE)

€2.4bn



INVESTMENT DECISIONS €3.2bn

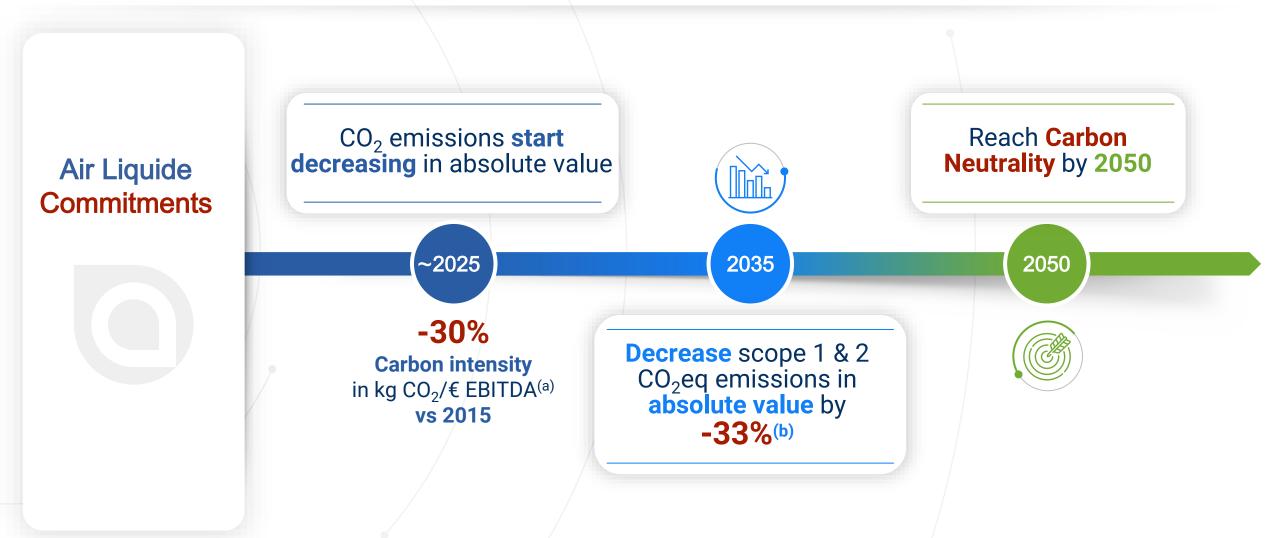


Air Liquide Commitment:
Creating value for
a low -carbon society

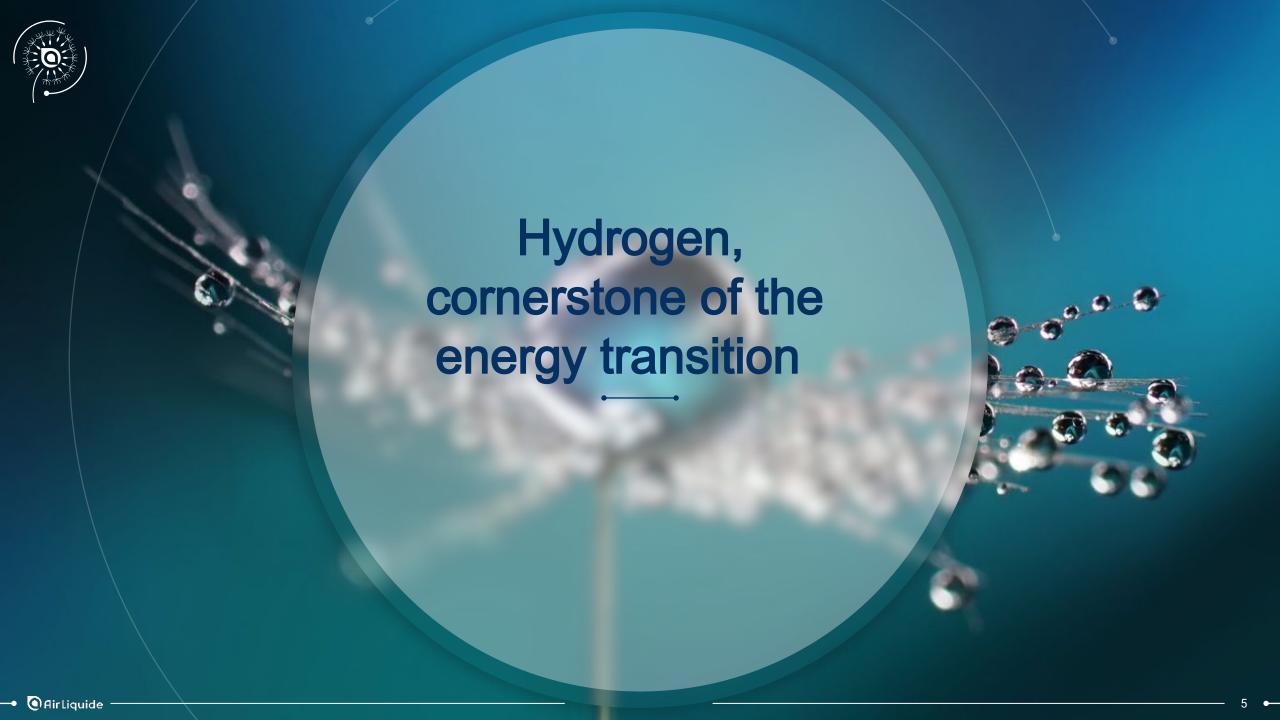




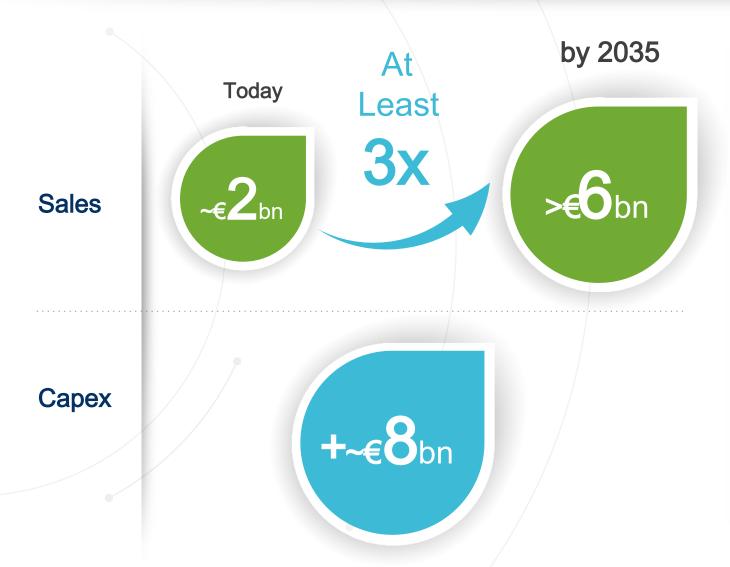
## ABATEMENT OF CO<sub>2</sub> EMISSIONS SETTING A TRAJECTORY TO REACH CARBON NEUTRALITY







# AIR LIQUIDE HYDROGEN MARKET TO MORE THAN TRIPLE BY 2035



#### **Capturing demand:**

- Low Carbon + Renewable H<sub>2</sub> offer
- New H<sub>2</sub> industrial applications
- Carbon Capture as a service
- $\mathbf{H}_2$  mobility

Capturing additional value by decreasing customers CO<sub>2</sub> footprint

#### **Investment in:**

- CO<sub>2</sub> Capture plants
- Electrolyzers
- Supply chain for mobility
- Acquisitions

**3** GW<sup>(a)</sup>



### LEADING THE HYDROGEN ECOSYSTEM DEVELOPMENT



Electrolysis
Denmark
1.2 MW



CCU + Low-Carbon H<sub>2</sub>
France
1 CO<sub>2</sub> Capture "Cryocap"



CCS + Low-Carbon H<sub>2</sub> (In Devt.) Antwerp / Benelux CO<sub>2</sub> Capture



Electrolysis
Bécancour, QC
1x 20MW



Large scale
electrolysis
(In Devt.) H2V France
200 MW









H<sub>2</sub> reduction in steelmaking Germany



Supply Chain
US West Coast
H<sub>2</sub> Liquefier



Supply Chain (In Devt.) Norway Liquid H<sub>2</sub> for ships



H<sub>2</sub> Stations for Consumers 70 HRS



H<sub>2</sub> Forklifts US+EUROPE 9 sites



H<sub>2</sub> Network for trucks France / Benelux / Germany HyTrucks



H<sub>2</sub> Bus & Taxi fleets France / China / Korea

#### KEY FIGURES

1.2 Mt of H<sub>2</sub>/year

1,850 km H<sub>2</sub> pipeline

53 large H<sub>2</sub>/CO plants

20MW PEM Electrolyzer

€2bn sales

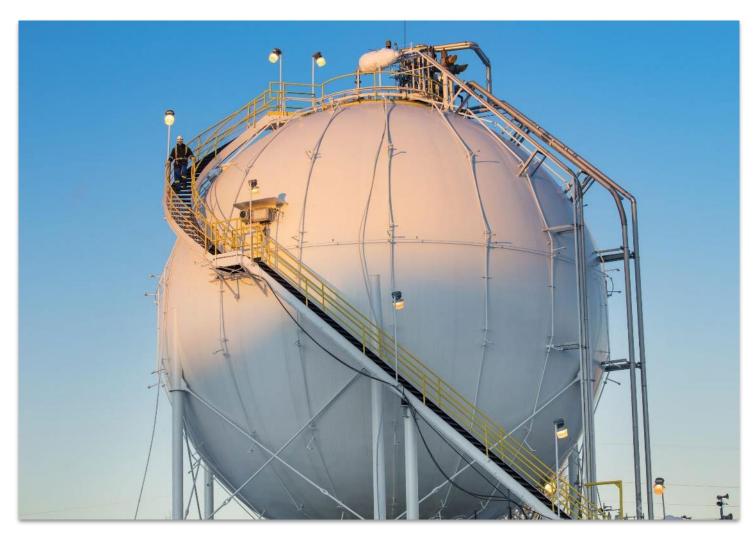
Co-founder of

**Hydrogen Council** 



## Northeast: Bécancour, QC:

### The world's largest operating PEM Electrolyzer





**\$42 M additional investment** existing site with liquefier



20 MW PEM electrolyzer
Nearly 100%renewable H2
production



**8.2 tons per day;** increasing site's total production by 50%



Strengthen supply to main industrial markets in Canada and U.S.

## **Western US: North Las Vegas**

## Our first production facility dedicated to the Mobility Market







**\$200M Investment** including production, liquefaction and distribution



30 TPD Production able to meet the needs of 40,000 FCEVs



Flexible production able to meet the renewable hydrogen needs of the market



**Strengthen supply** to mobility markets across western US

At Air Liquide, we are confident in the hydrogen market of the future because we have built the hydrogen market of today

