



Impact of Air Liquide Projects on the Bécancour Area Economy

Large Industries

Presentation to NAATBatt - August 2024

This document and the information contained herein is l'Air Liquide S.A. or one of its affiliates' property. The document is confidential business information and may furthermore contain confidential technical information. It is provided to certain employees of the Air Liquide Group for their internal use exclusively in the course of their employment. Any reproduction or disclosure of all or part of this document to third parties is prohibited without the express written consent of an authorized representative within the Air Liquide Group. If you have received this document by mistake, please immediately notify the sender and destroy the original message.

THIS DOCUMENT IS **INTERNAL**

Agenda

- 1 Air Liquide at a Glance
- 2 Industrial Model
- 3 Supply Mode
- 4 Air Liquide Role in the EVB Ecosystem
- 5 Air Liquide Presence in Bécancour Industrial Park
- 6 Air Liquide Contribution to Bécancour's Battery Hub Development

Air Liquide at a Glance

“A world leader in gases, technologies and services for Industry and Health”



~**67,800**
EMPLOYEES



PRESENT IN
72 COUNTRIES



MORE THAN
4 MILLION
CUSTOMERS &
PATIENTS



REVENUE
€27.6bn



NET PROFIT
(GROUP SHARE)
€3.1bn



INVESTMENT
DECISIONS
~€4.3bn

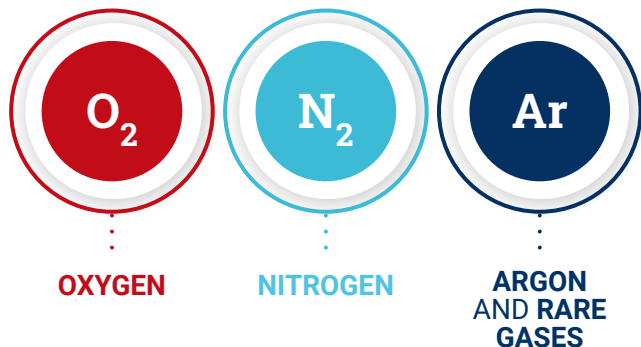
2023 Key Figures

Founded in Paris in 1902 and established in
Canada since 1911

Our Scientific Territory: Essential Small Molecules

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.

Separating the components of **air**
to take advantage of their properties



Producing molecules from the **natural resources** of the planet
or **by-product**



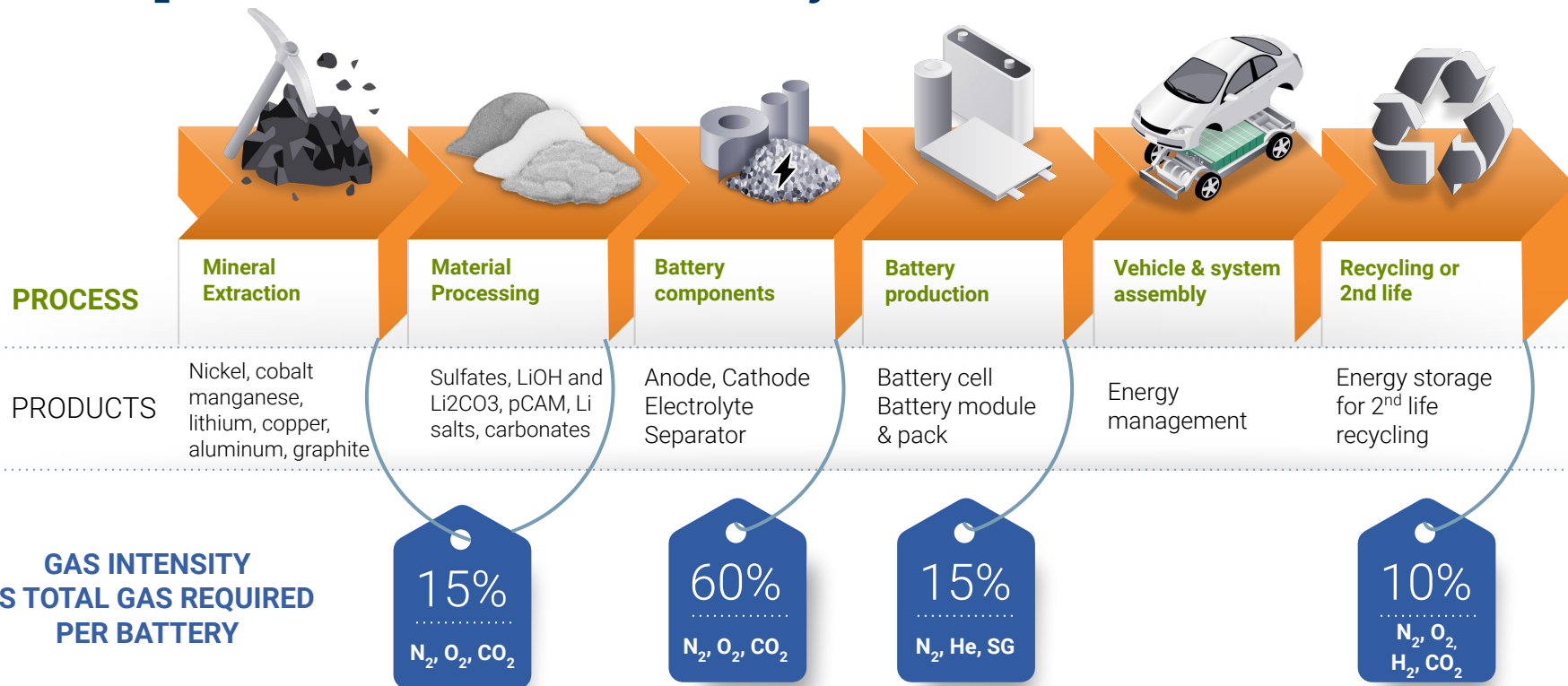
Reliable and Flexible Supply Offer

Enable our customers to optimize their production processes and reduce total costs:

- Reliable and flexible gas supply modes
- Hard Goods & Consumable for welding/cutting application
- High quality PPEs
- Innovative and efficient solutions



Air Liquide Role in the EVB Ecosystem



**Gas represents an essential input
WITH FINITE COST TO ENSURE RELIABILITY OF THE PROCESS**

Air Liquide Present in Bécancour since 1987



20 MW PEM electrolyzer in operation since 2020, one of the largest proton exchange membrane electrolyzer in the world.



> 40 M\$ investment in an existing site with H₂ liquefaction capacity.



8,2 tons H₂/day ; a 50 % increase in site capacity using close to 100 % renouvelable power for the production of H₂.



Reinforcing the supply of the North American market.

Air Liquide View of Bécancour: “ A Global Hub for Energy Transition”

EV Battery / Hydrogen



Bécancour:

Future Center of excellence for EV battery manufacturing and Hydrogen

EV Battery manufacturing



Skilled labor, University R&D



Hydrogen



Air Liquide's Contribution to Bécancour's Battery Hub Development



- **Critical infrastructure.**
- **Industrial gases.**
- **Technologies to enable the energy transition.**

Air Liquide's Contribution to Bécancour's Battery Hub Development

Building out a large scale low carbon Industrial Gas Platform

- A reliable low carbon offer for the battery industry.
- An air gas separation unit (O₂, N₂, Ar), compressed air unit, liquide storage, and pipe network.
- To supply companies in the EV battery value chain.
- Connected to the existing Bécancour electrolyser.
- New jobs creation: Construction phase (150) + operation phase (10).



A > \$200M Investment

Air Liquide Delivers Key Benefits



For Planned and Future Tenants

A safe and highly reliable supply solution.

Very competitive costs from large scale production assets (centralized approach).

Product to meet fast track schedule (based on first product from Air Liquide's existing site).

Plug & play option increases attractiveness.

For Québec Province and Bécancour

Ready-made solution to planned battery manufacturers.

Capability to expand operations for future.

Infrastructure increases attractiveness to future industries.

Safe and reliable employer with long-term presence and commitment to the Québec Region.



Thank you!

