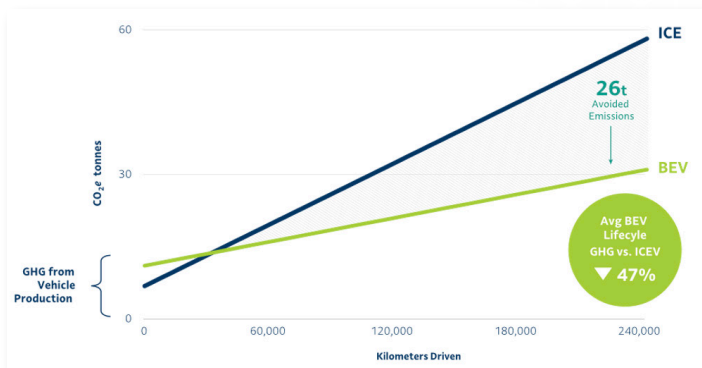


All the Elements for a Better World

Highlights from Albemarle's 2023 Sustainability Report

AVOIDED EMISSIONS

Life Cycle Avoided Green House Gas (GHG) Emissions



(Average EV sedan, based on the 2023 Global Electric Grid)

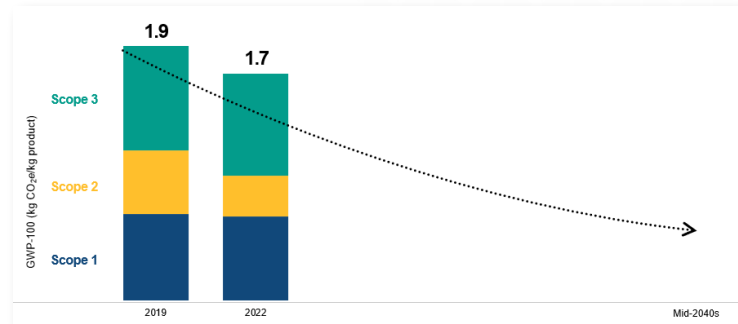
- Electric vehicles (EVs) emit less carbon in their use phase than that of an internal combustion engine vehicle (ICEV). The emissions Albemarle generates ultimately contribute to reduced life cycle emissions in the auto industry.
- The average EV life cycle produces 47% lower GHG emissions vs. an ICEV, taking into account production.
- Lithium production represents <4% of EV GHG production emissions.

Every 1 ton of GHG emitted in Albemarle's lithium production enables the avoidance of 65 tons of GHG emissions across the life of an EV.

EXPANDING OUR LIFE CYCLE ASSESSMENTS

Pathway to Lower Carbon Bromine

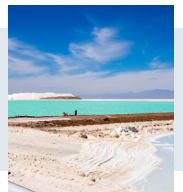
We completed our first in-house product carbon footprint (PCF) study of our elemental bromine produced in Magnolia, Arkansas. This PCF was third-party verified as ISO compliant.



The completion of this PCF highlights:

- How our sustainability initiatives have improved the carbon footprint of our bromine production compared to our 2019 baseline
- Future opportunities to decarbonize and identify emissions hotspots

Chile met its 2030 freshwater intensity reduction target. This was driven by the optimization of our thermal evaporator.



CONTINUED PROGRESS ON ENVIRONMENTAL GOALS

Unless noted otherwise, the target goals listed below are based on scope 1 and 2, with a 2019 baseline and a 2030 completion date.

GOAL	STATUS
Grow our Energy Storage business in a carbon intensity neutral manner	● On track
Reduce carbon intensity of Specialties by 35%	● On track on an absolute basis ● Behind on an intensity basis
Engage with suppliers to collect primary data for 75% (by 2023) and 90% (by 2024) of our raw material carbon footprint	● On track
Reduce the intensity of freshwater usage by 25% in Chile and Jordan	● On track
Reduce SO _x emissions by 90% by 2027 (vs 2022)	● On track



SUSTAINABILITY RECOGNITION

We recently completed our annual EcoVadis assessment, a thorough evaluation of our global operational sustainability practices. We are proud to share that our 2024 rating has earned a gold medal. Our overall score was 73, which is above the industry average and places us in the top 95th percentile among all companies assessed this year.



“As a purpose-driven and values-led organization, sustainability is core to who we are and how we operate, and this report is a demonstration of our ongoing commitment to creating a more resilient world.”

– Kent Masters, Chairman and CEO

SUSTAINABILITY COMMITMENTS IN ACTION

Announced a new partnership with Caterpillar Inc. to collaborate on solutions to support a full circular battery value chain and sustainable mining operation

Signed an innovative agreement with Martin Marietta Materials to make beneficial use of extracted non-ore-bearing material from Albemarle’s proposed Kings Mountain Mine Project

Achieved Initiative for Responsible Mining Assurance (IRMA) 50-level performance score for the Salar de Atacama site in Chile

Adopted an inaugural Reconciliation Action Plan (drafted by a working group within our Australian workforce) dedicated to guiding our engagement with Australia’s First Nations Peoples

Ranked in the top quartile for safety performance by the American Chemistry Council for the fifth year in a row

Incorporated into our company’s DNA a commitment to building a workplace that supports and reflects the diverse needs and experiences of our teammates

Furthered our intention of developing a workforce that reflects the communities where we live and serve based on industry benchmarks



Follow the QR Code to view our full Sustainability Report on our website

NEW DOUBLE MATERIALITY ASSESSMENT

In 2023, we conducted a double materiality assessment to identify the sustainability issues that matter most to Albemarle and our stakeholders. This assessment looks at how we affect the world around us and how the world impacts Albemarle’s operations. As a result, we updated our sustainability framework to evolve key areas such as:



Waste and Circularity



Responsible Sourcing



Innovation



Talent and Culture



Learn more at www.albemarle.com

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