



2024 Sustainability Report

Canada's primary aluminium industry is the fourth largest in the world, and is recognized as a world class model of sustainable prosperity.

The Aluminium Association of Canada is proud to pursue its mission of communicating with its stakeholders in a transparent manner. The sustainable report is an ideal way to share with you the achievements and challenges of an industry that has been at work in Quebec and Canada for over a century. We invite you to consult the full report.

Economic Highlights



3.3 M tons

annual aluminium production



CAN\$10.8 B

primary aluminium exports



CAN\$4 B

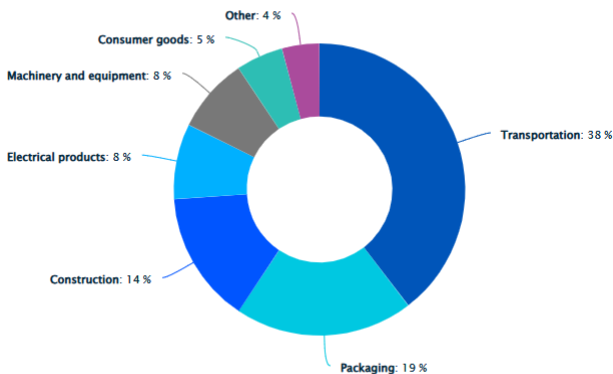
operating expenses in Quebec

Canada is the **4th largest aluminium producer in the world** in 2023, contributing over 4% of world production while being the **1st largest exporter**.

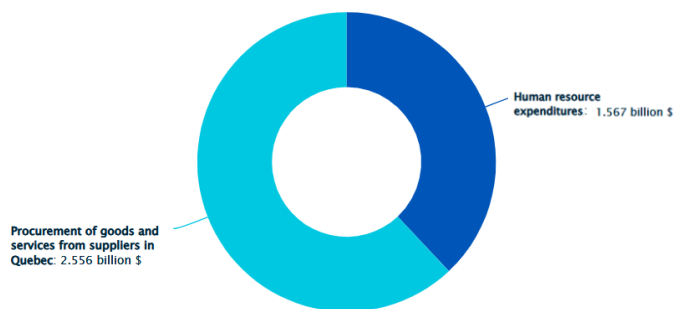
With modern production facilities and advanced industrial expertise, the country plays a key role in the global aluminium supply chain.

Canadian aluminium's dynamic market presence makes it an influential player on the industry's global stage, as well as an important contributor to the local economy, generating jobs and opportunities for innovation.

MARKET PRESENCE - END-USER MARKETS



ECONOMIC IMPACT IN QUEBEC



Source: CRU, 2023

[We invite you to consult the complete version of our 2024 Sustainability Report](#)

Environmental Highlights



2 mt eq. CO₂/mt Al

among the lowest carbon footprint in the world



96%

hydroelectric power



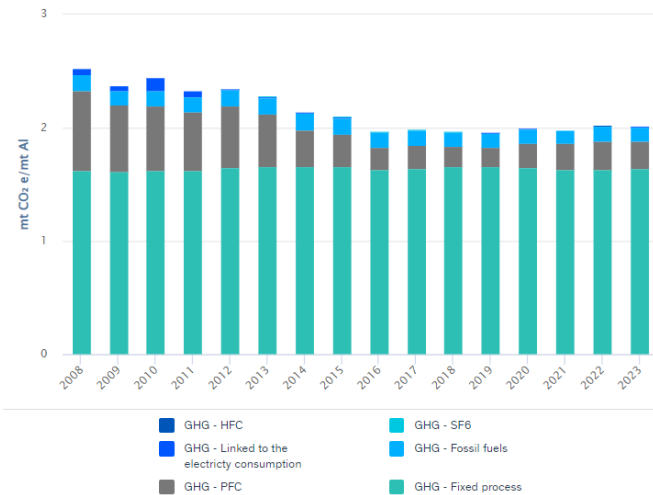
- 94%

PAH emissions

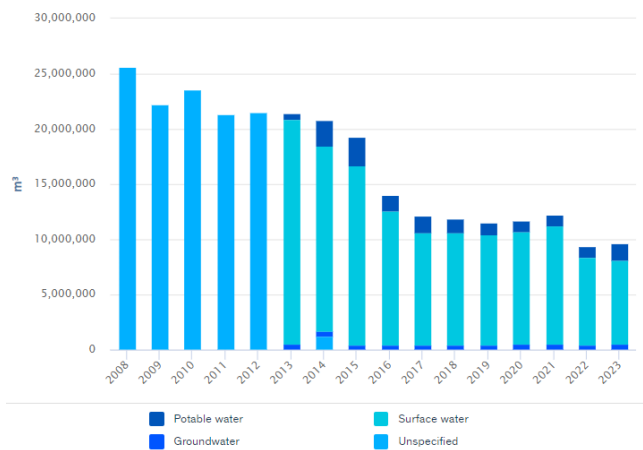
Canada's aluminium industry has one of the lowest GHG emission intensities in the world. The Canadian primary aluminium industry's performance to date reflects the gradual reduction in emissions over more than two decades.

Optimizing water use, notably by reusing process water at certain sites, is another way in which the industry is reducing its consumption. Year after year, the sustainable development efforts of AAC members are recognized by the granting and renewal of several types of certification.

GHG EMISSIONS



WATER CONSUMPTION BY SOURCE



Social Highlights



+ 9 500

jobs in Canada



\$19 million

in donations and community investments in 2023

Aluminium smelters play a key role in structuring the communities in which they operate. In addition to offering attractive salaries and working conditions, aluminium smelters are involved in the economic and social development of their host regions. Dialogue with local communities and authorities is an integral part of the sustainable development approach supported by AAC members. The aim is to establish bonds of trust and support through a variety of consultation mechanisms.

Health and Safety

For several years now, Alcoa, Alouette and Rio Tinto have been setting up teams and various prevention programs aimed at reducing, or even eliminating, occupational hazards on the one hand, and improving employee health and safety on the other. Awareness-raising and educational activities are an ongoing part of operations, to ensure a better understanding of risks. Members are also committed to optimizing the health and well-being of their employees and even their families, through their employee assistance and support programs.

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