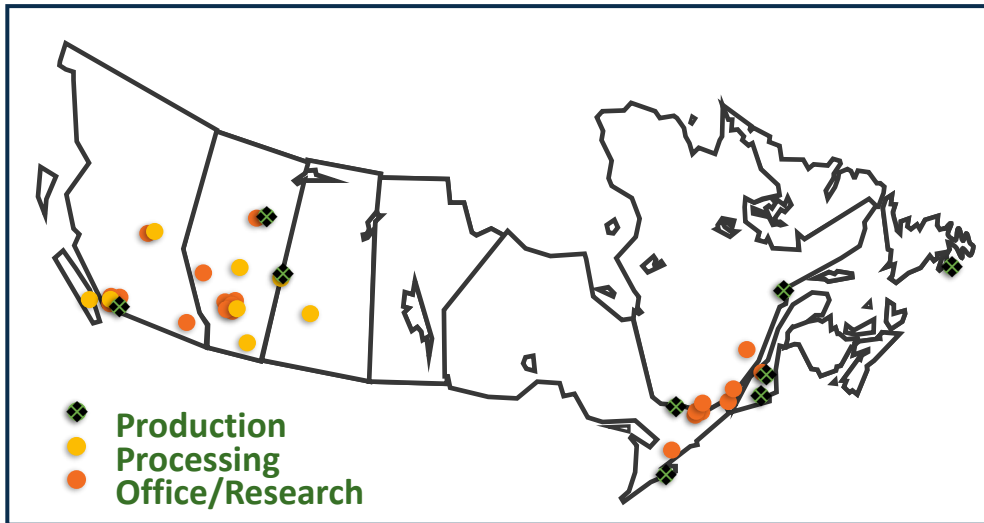


Members



Low CI Fuel
Sales

Low CI Fuel
Costs

Economic
Potential

Climate
Impact

Fuel
Regulations



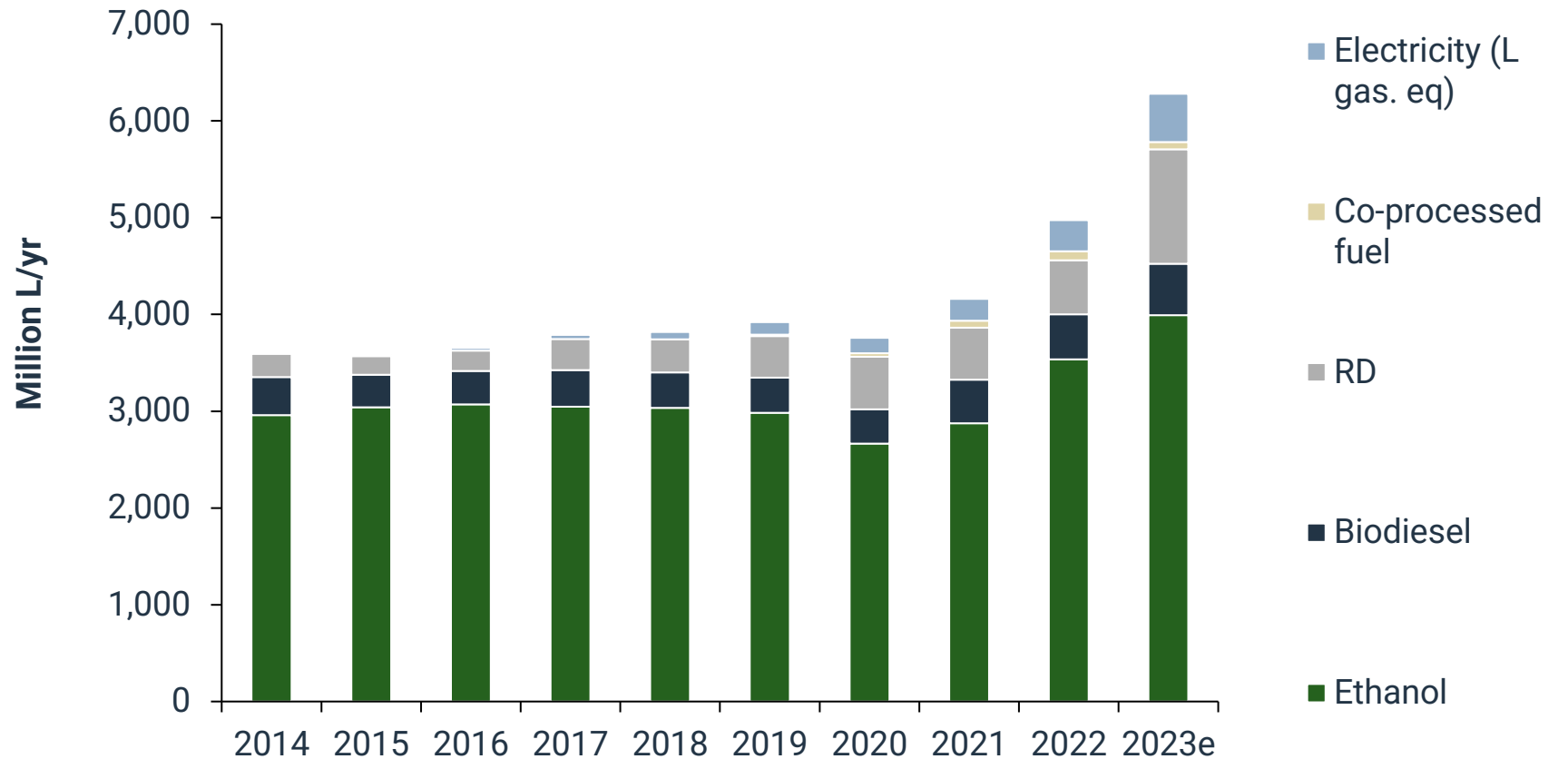
Advanced Biofuels Canada
Biocarburants avancés Canada

Biofuels in Canada **PLUS**

2024

Surging Demand

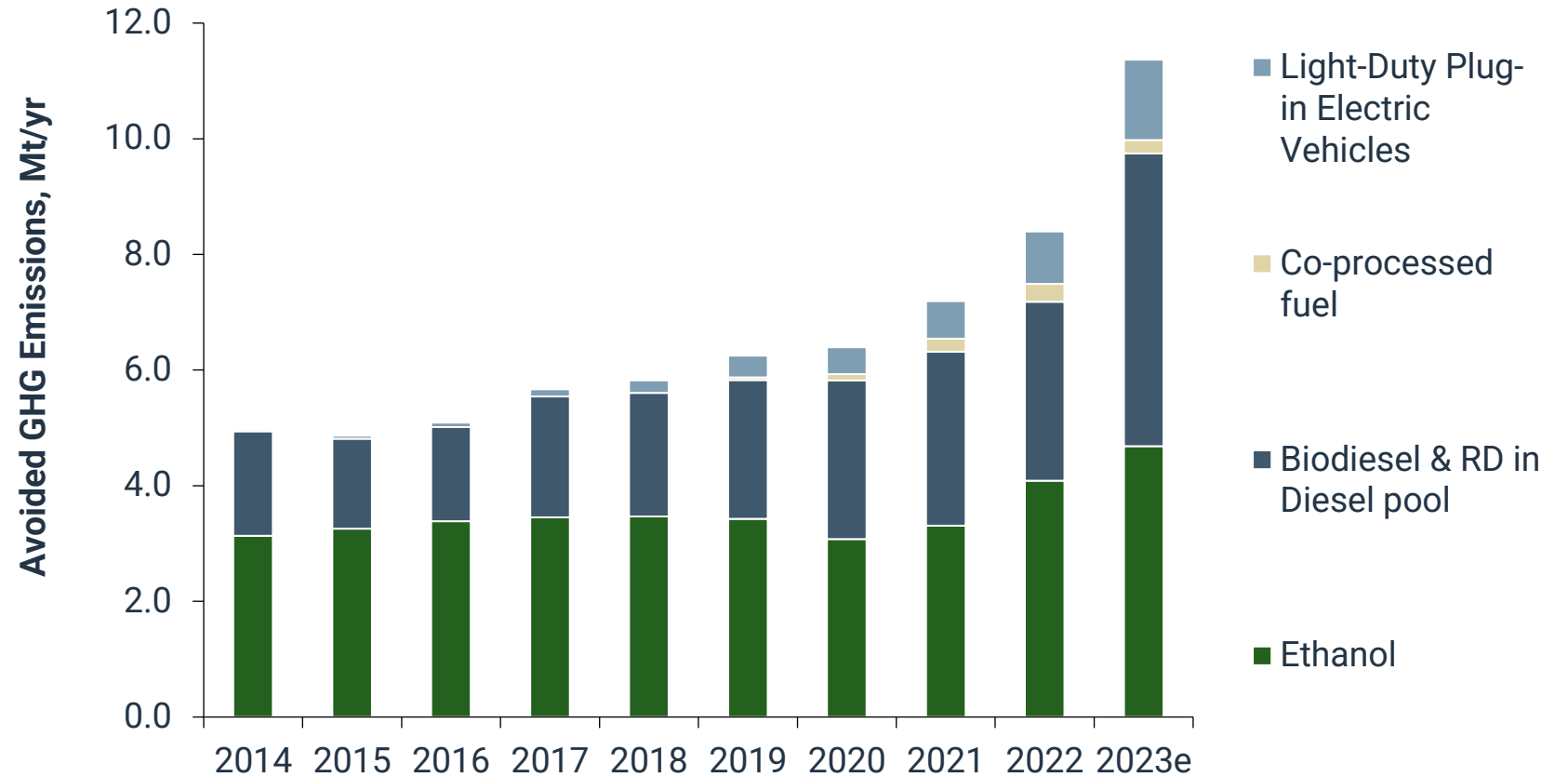
Biofuel Consumption in Canada



Source: Navius Inc. "Biofuels in Canada 2024"

Climate Impact

Avoided Lifecycle GHG Emissions in Canada



Low Carbon Fuel Sales

Over the past five years, the adoption of advanced fuels has surged across Canada.

- Ethanol use has risen by 32%, reaching nearly 4 billion liters in 2023.
- Hydrotreated Renewable Diesel (HDRD) has surged by 245% to over 1.18 billion liters in 2023.
- Biodiesel consumption is up by 45%, surpassing 530 million liters in 2023.

VOLUME PERCENTAGES

2019

2020

2021

2022

2023

Blend Percentages

Gasoline Pool

9.44%

Diesel Pool

6.23%

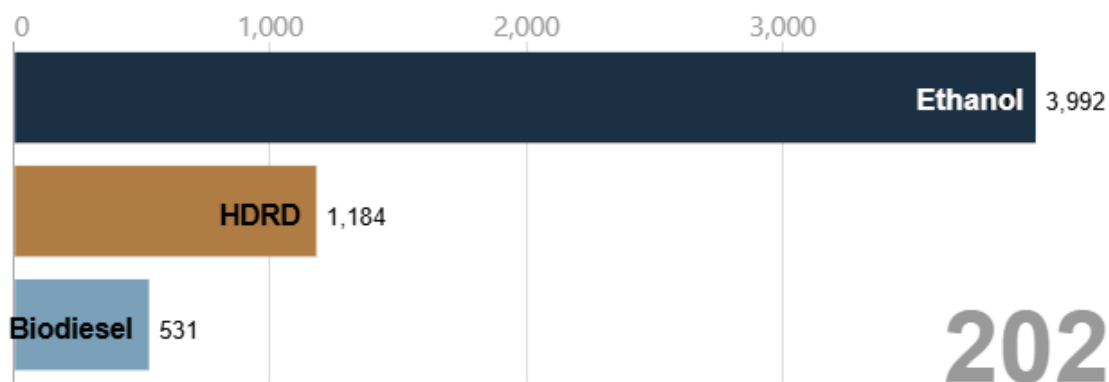
Growth Percentages

Ethanol
12.88%

Biodiesel and HDRD
67.56%

Fuel sales in Canada

Million Litres



2023

Advanced Fuels are working — and working well

Fuel type

Region

Ethanol

2023

Total Volumes (ML)
11,412.93

Ethanol
7,983.08

HDRD
2,368.21

Biodiesel
1,061.63

Ontario
3,000.00

Quebec
1,602.64

Alberta
1,232.00

Low Carbon Fuel Costs

Canada's low carbon fuel regulations help drive down costs at the pump by giving fuel suppliers compliance flexibilities and incenting innovation in cleaner technologies.

Compliance credit markets reward lower carbon fuels, increasing consumer choice in fuel alternatives and reducing fuel costs through increased market competition.

Price Impact

\$ per Litre

Canada

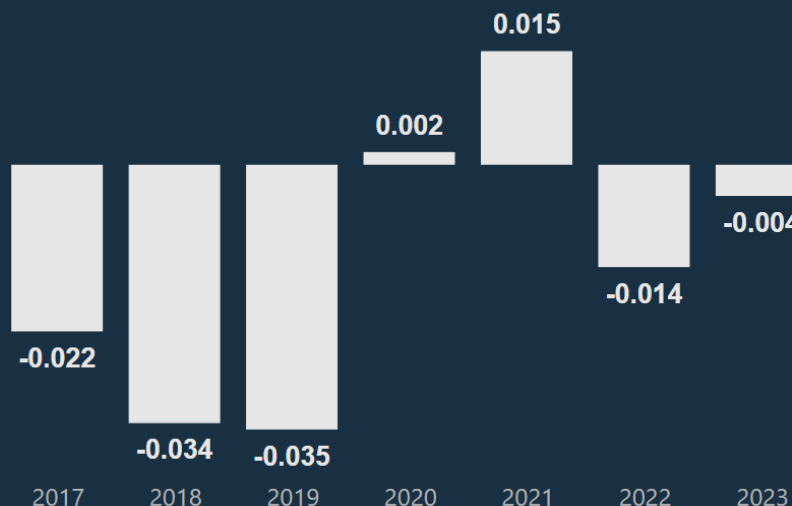


Ethanol use in gasoline has reduced the cost of gasoline fuels in Canada and achieved greenhouse gas reductions.

In other words, fuel regulations are helping Canadian households reduce carbon emissions and save money at the pump.

Price Impact of Fuel Regulations

Combined Gasoline and Diesel - \$ per Litre



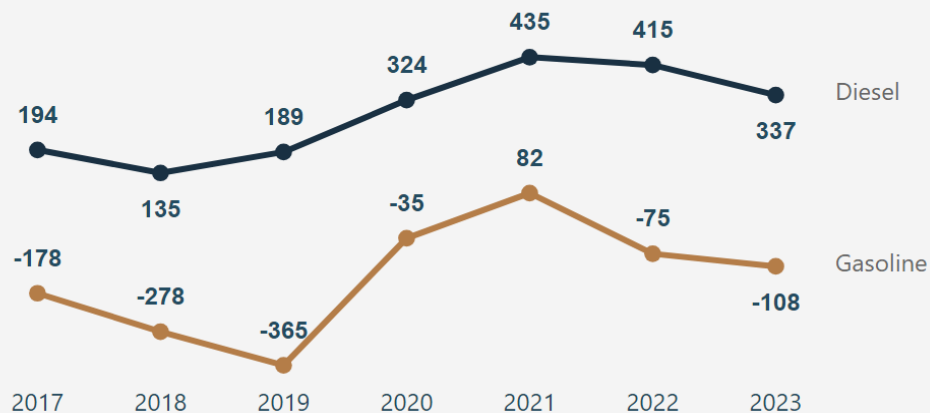
Canada's Cumulative Abatement Cost

Net \$/t, no tax impact

234.93	Diesel Pool
-202.64	Gasoline Pool

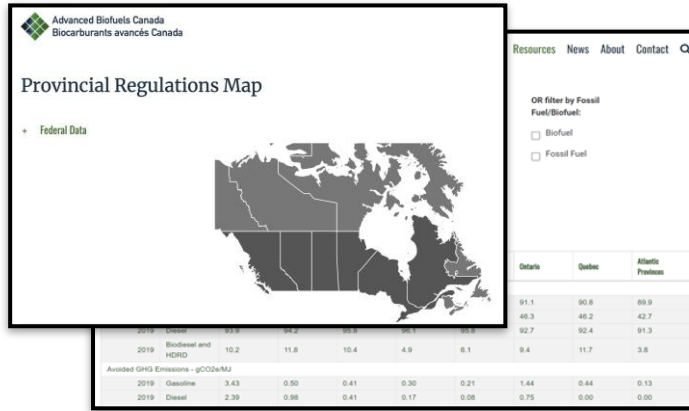
Annual Abatement Cost through 2023

\$ per CO₂e, without tax cost impact



Taking in consideration the higher use of gasoline (60% vs. 40% diesel), blending of low carbon fuels has achieved a negative cost of **\$36 per tonne of GHG reductions** (2023 CAD).

Resources

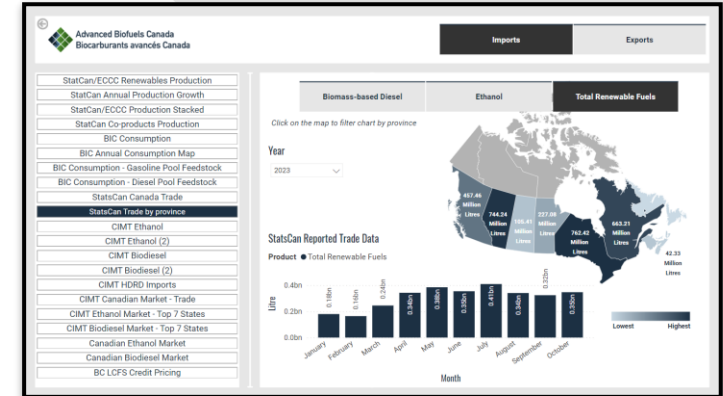


Transportation Fuels dashboard

www.advancedbiofuels.ca/resources/canadian-transportation-fuels-dashboard/

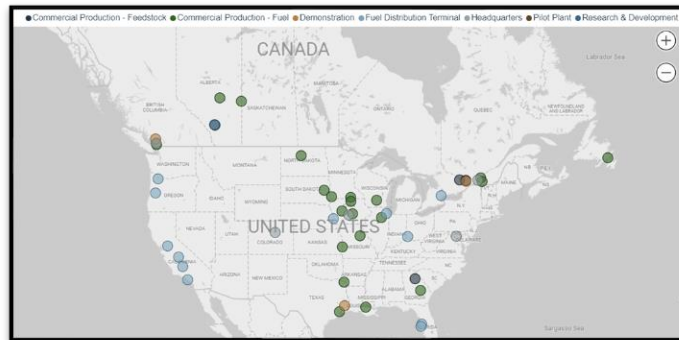


Biofuels in Canada



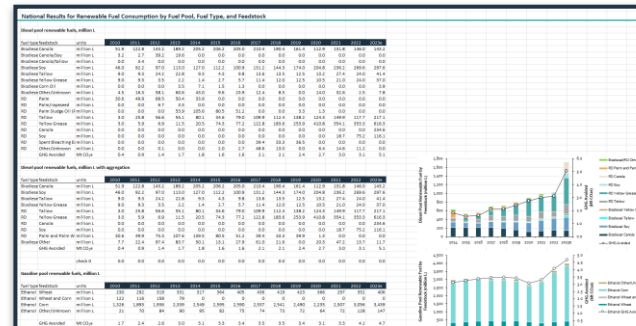
Market Data dashboards (Member Only)

www.advancedbiofuels.ca/members/members-only/



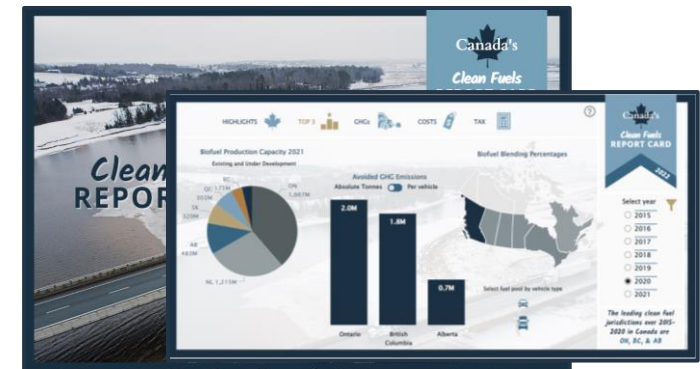
Members Map

www.advancedbiofuels.ca/resources/members-map/



BIC Workbook dashboards (Member Only)

www.advancedbiofuels.ca/resources/reports-and-studies/



Clean Fuels Report Card

www.advancedbiofuels.ca/resources/clean-fuels-report-card/