

Seeking Carbon Neutrality by 2050



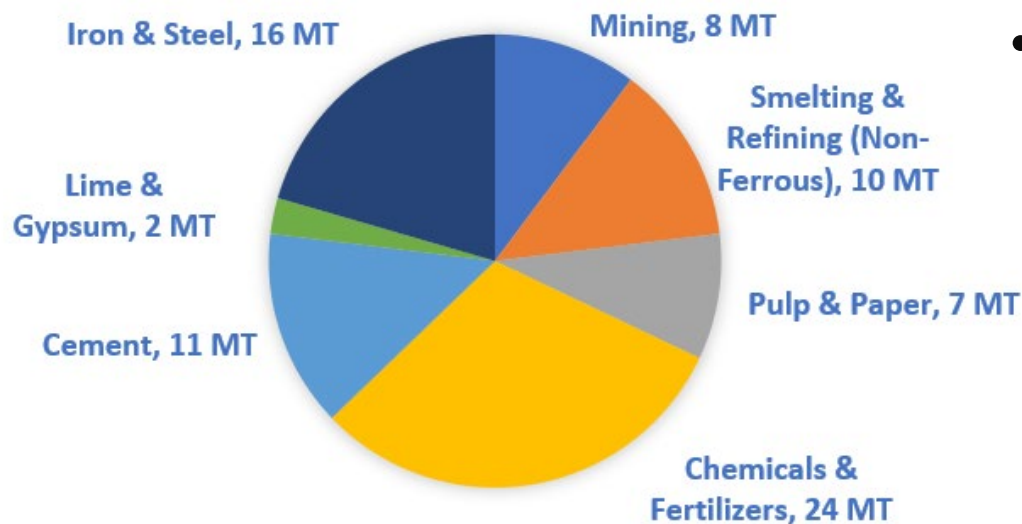
CATHERINE COBDEN

GLOBAL FORUM ON STEEL EXCESS CAPACITY

APRIL 22, 2021

Canada's Steel Sector Emissions in Context

CANADA'S HEAVY INDUSTRY EMISSIONS (2018)
million tonnes CO₂e



Steel sector GHG emissions
~**16MT** (or ~2% of
Canada's GHG emissions)

- Integrated mills in top 15 industrial emitters nationwide

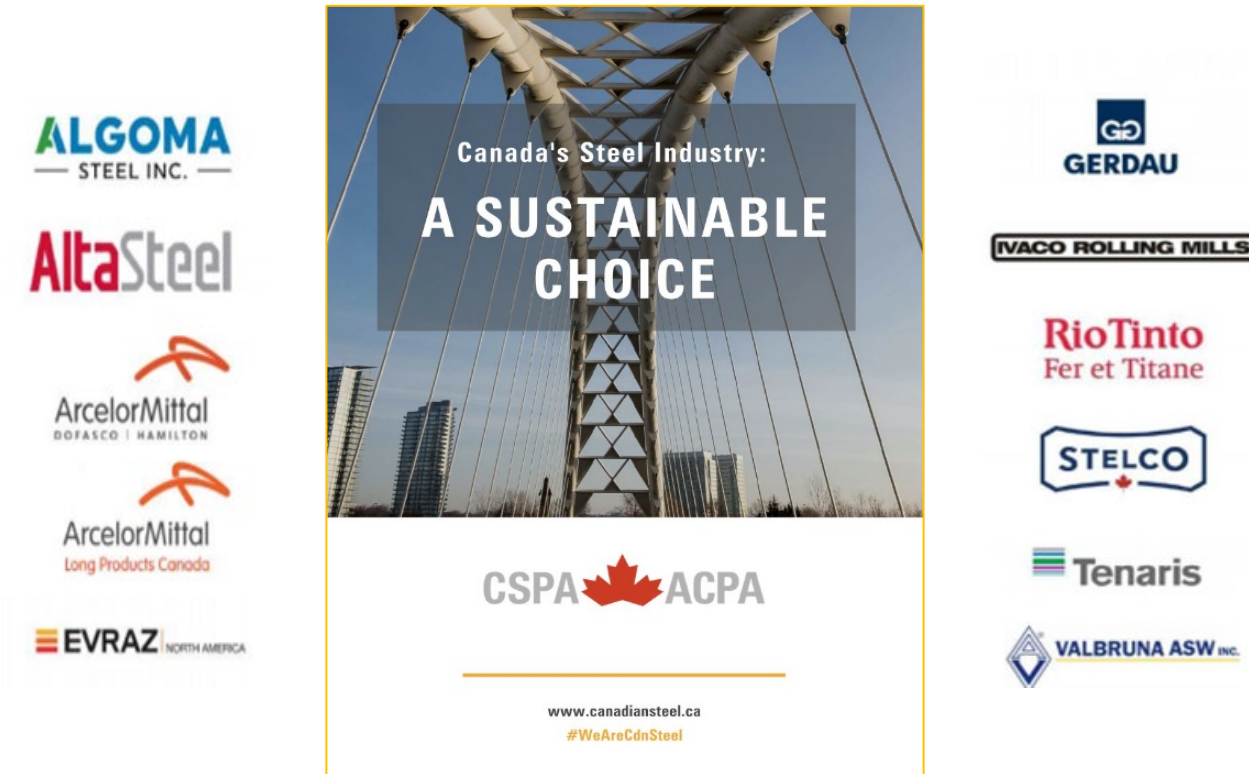
Canada's Federal Climate Plan

- *Canadian Net-Zero Emissions Accountability Act*
 - Government bound to achieve net-zero emissions by 2050 with 5-year targets
- *A Healthy Environment and a Healthy Economy: Canada's 2030 Plan*
 - \$15B plan for Canada's net zero economic transformation; the objective is to reduce emissions by 32-40% below 2005 levels by 2030
 - Proposal to increase carbon price by \$15/tonne/year from \$50 in 2022 to \$170 in 2030
 - Clean Fuel Standard on all liquid fuels in 2022
 - Net Zero Technology Accelerator to promote development and adoption of net zero technologies


Climate Call to Action

CSPA's Climate Action Plan

Released March, 2020




Canada's Steel Industry:
A SUSTAINABLE CHOICE


CSPA  ACPA


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IVACO ROLLING MILLS

RioTinto
Fer et Titane


STELCO

 **Tenaris**

 **VALBRUNA ASW INC.**

CSPA's Aspirational Climate Goal



**CANADA'S STEEL
PRODUCERS HAVE THE
AMBITION TO ACHIEVE
NET-ZERO CO₂
EMISSIONS BY 2050.**

CSPA Climate Action Plan: Key Conditions for Success

- Creating unique partnerships & research collaborations
- Developing & adopting breakthrough clean technologies and innovative products
- Driving operational excellence through state of the art manufacturing
- Levelling the playing field & supporting the carbon advantages of domestic use of Canadian steel
- Ensuring global leadership in sustainability, energy management, & environmental best practices

Barriers to Carbon Neutrality

- Global steel excess capacity
 - Business uncertainty and competitiveness challenges in the face of persistent excess capacity
- Risk of leakage as a result of unlevel regulatory requirements
 - Tools to be explored to address
- Threat of substitution effects from other products
 - Potential impact on steel's overall market share
- Scale of the technological challenge
 - Government and other partnerships needed for long term transformation
 - Potential for international cooperation to address needed research and technological agenda

QUESTIONS?

Visit our website for more detail:
www.canadiansteel.ca