

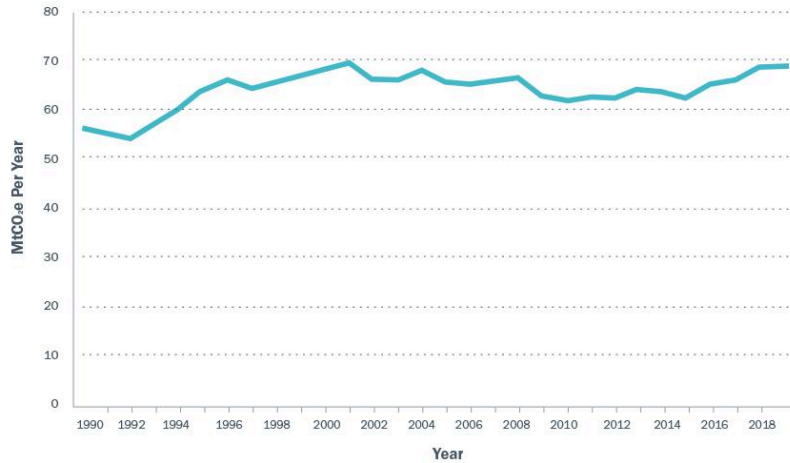
Clean Energy Canada: Is B.C. a Climate Leader?

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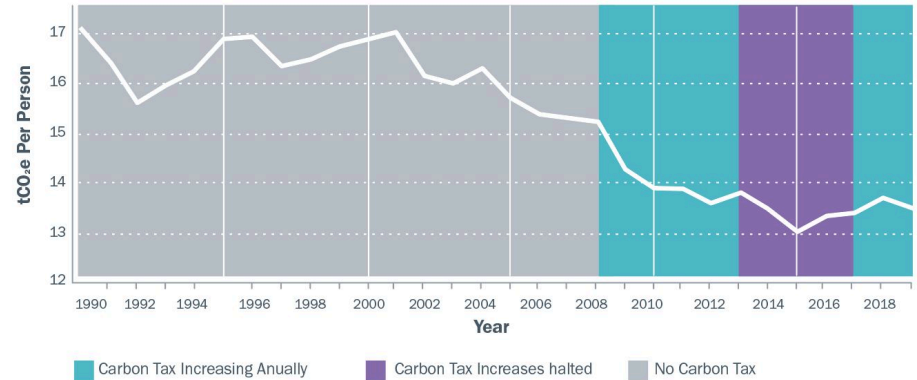
February 2022

B.C.'s Emissions Challenge

B.C. Gross Emissions over Time (exclud. Offsets)



GHG Emission Per Person



CleanBC: BC's Climate Strategy



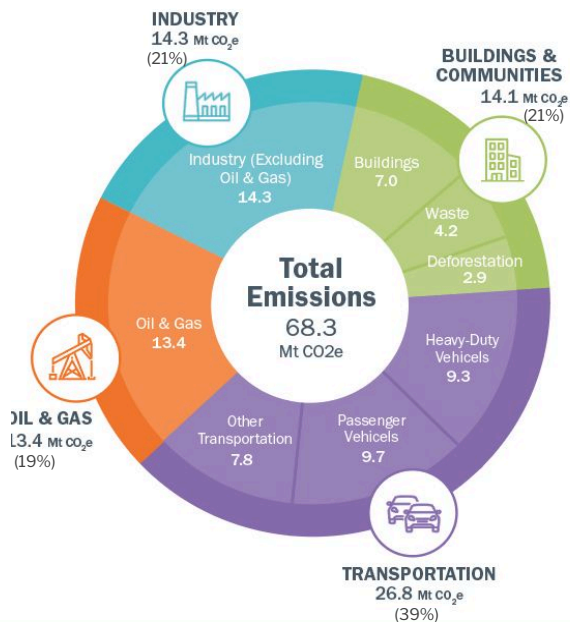
British Columbia has legislated GHG emissions reduction targets of:

- 40% below 2007 levels by 2030;
- 60% by 2040;
- 80% by 2050;

2025 interim target of a 16% reduction

Understanding the big picture

BC Emissions by Sector (2019)¹



SECTOR	2019 EMISSIONS (MT CO ₂ E)	PERCENT OF 2019 TOTAL	EMISSIONS CHANGE FROM 2007	SECTORAL TARGET
TRANSPORTATION	26.8	39%	+22%	↓ 27-32%
BUILDINGS AND COMMUNITIES	14.1	21%	-12%	↓ 59-64%
OIL AND GAS	13.4	19%	-1%	↓ 33-38%
INDUSTRY	14.3	21%	+2%	↓ 38-43%

Where we're leading

- ✓ Carbon Tax
- ✓ Vehicles
- ✓ Buildings
- ✓ Clean Electricity Delivery Standard
- ✓ Gas Utility Cap



More action needed

 **BC Hydro Alignment**

 **Industry**

 **Oil and Gas**

 **Economic Strategy Integration**



BC Roadmap: Top three things to remember



Integrating climate and economic strategies

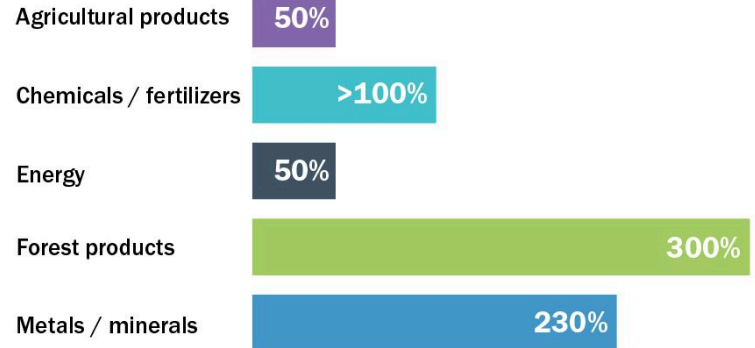
- 1 **Target investments and incentives for low carbon industries growing in 2040**
- 2 **Pursue investment and brand BC as a global destination for green capital investment**
- 3 **Pilot climate resilient and net zero communities (e.g. Lytton)**
- 4 **Advance new clean energy generation and smart grid technologies**
- 5 **Align workforce transition and skills training with a net zero economy**



Other jurisdictions are moving fast

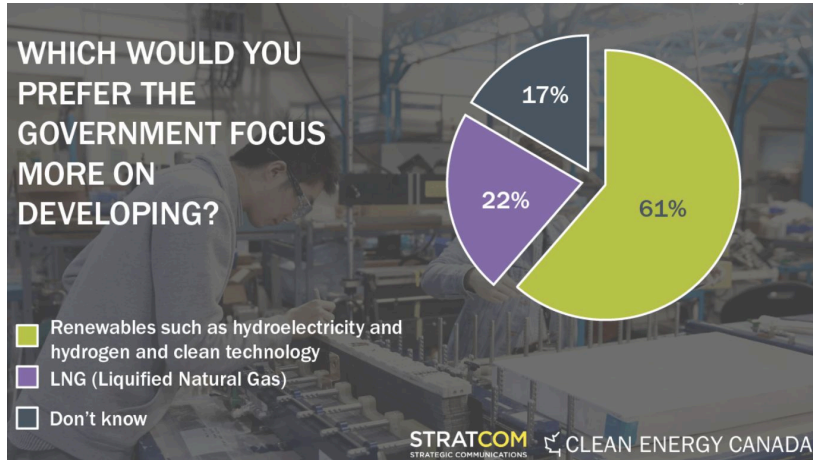


Projected Global Growth 2020- 2050 (by sector)

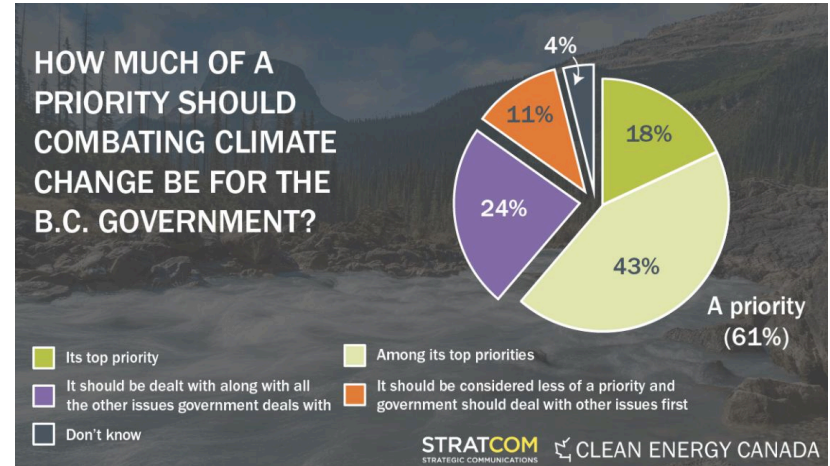


Sources: FAO (2017), GEI (2019), IEA (2021), World Bank (2016, 2020),

British Columbia's expect their government to act decisively

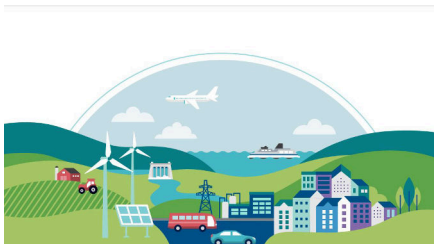


Clean Energy Canada, *Poll: British Columbians prefer the province invest in clean energy over LNG*, January 2021.



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Clean Energy Canada resources



Underneath It All

Ensuring Canada's electricity grid can power our netzero and economic ambitions is no small undertaking—and a big opportunity.

CLEAN ENERGY CANADA

DECEMBER 2021




TRACKING THE ENERGY TRANSITION 2021

The New Reality

The future of Canadian energy looks bright, with clean energy job growth projected to outpace losses in fossil fuels amid a shifting global landscape

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June 2021



May 2021

Turning Talk into Action: Building Canada's Battery Supply Chain

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TRACKING THE ENERGY TRANSITION 2021

The Next Frontier

Heavy industries play a critical role in the energy transition, and Canada's have a low-carbon advantage. What's missing is an action plan

Any Questions?

Each Monday we publish the Clean Energy Review, a free weekly digest of must-read climate and clean energy stories from across Canada and around the world.

**For follow-up questions,
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