

- The following comparison is based on information provided by the Parties on their campaign websites.
- This document is not intended to be an exhaustive list of all Party statements. Author's notes appear in [square brackets]

	People's PC	Conservative	Liberal	NDP	Green
Emission targets	<ul style="list-style-type: none"> <li>• global warming is not caused by human activity</li> <li>• withdraw from Paris</li> <li>• abandon targets</li> </ul>	<ul style="list-style-type: none"> <li>• meet Paris commitments</li> <li>• [30% by 2030; this is a roll back from current 40-45% target]</li> <li>• net zero 2050</li> </ul>	<ul style="list-style-type: none"> <li>• 40-45% by 2030</li> <li>• net zero by 2050</li> </ul>	<ul style="list-style-type: none"> <li>• 50% by 2030</li> <li>• net zero by 2050</li> </ul>	<ul style="list-style-type: none"> <li>• 60% by 2030</li> <li>• net zero 2050</li> </ul>
Transportation		<ul style="list-style-type: none"> <li>• 30% new cars EV by 2030</li> <li>• \$1B to build EVs in Canada</li> <li>• \$1B hydrogen vehicle tech</li> <li>• EV charging station at Fed buildings by 2025</li> </ul>	<ul style="list-style-type: none"> <li>• 50% new cars EV by 2030; 100% by 2035</li> <li>• add 50K charging stations</li> <li>• \$1.5B to fund \$5K EV rebates</li> <li>• Fed light duty fleet 100% EV by 2030; med/HD fleet by 2040 where feasible</li> <li>• invest \$14.9B in public transit</li> </ul>	<ul style="list-style-type: none"> <li>• 100% new cars EV by 2035</li> <li>• EV rebate \$15K per family (max) on Canadian made EVs</li> <li>• no Fed tax on EVs</li> <li>• expand EV charging network</li> <li>• Fed vehicle fleet 100% EV by 2025</li> <li>• help fund fare-free public transit</li> <li>• help electrify transit and municipal fleets by 2030</li> </ul>	<ul style="list-style-type: none"> <li>• 100% new cars EV by 2030</li> <li>• replace all ICE vehicles by 2040</li> <li>• cross country charging network</li> <li>• modernize VIA rail</li> <li>• ensure trans-modal connections to electric LRT, buses</li> </ul>
Buildings		<ul style="list-style-type: none"> <li>• upgrade building code</li> <li>• develop retrofit strategy</li> </ul>	<ul style="list-style-type: none"> <li>• \$5K grant (max) for home retrofits</li> <li>• \$40K interest free loan (max) for deep retrofits</li> <li>• all buildings net zero by 2050</li> </ul>	<ul style="list-style-type: none"> <li>• retrofit pre 2020 buildings by 2040; all buildings by 2050</li> <li>• low interest loans for retrofits</li> <li>• update building code; new builds net zero by 2025</li> </ul>	<ul style="list-style-type: none"> <li>• retrofit all buildings to carbon neutral by 2030</li> </ul>
Electricity		<ul style="list-style-type: none"> <li>• upgrade national grid</li> <li>• include nuclear, hydrogen, renewables</li> </ul>	<ul style="list-style-type: none"> <li>• end coal generation by 2030</li> <li>• net zero grid by 2035</li> <li>• upgrade national grid</li> </ul>	<ul style="list-style-type: none"> <li>• net zero 2030</li> <li>• zero emission 2040</li> <li>• upgrade national grid</li> </ul>	<ul style="list-style-type: none"> <li>• end FF generation 2030</li> <li>• invest in renewables</li> <li>• upgrade national grid</li> </ul>
Fossil fuels	<ul style="list-style-type: none"> <li>• O/G production should be expanded</li> <li>• streamline pipeline approvals</li> </ul>	<ul style="list-style-type: none"> <li>• require 15% of natural gas [methane] from biomass generation</li> </ul>	<ul style="list-style-type: none"> <li>• ban thermal coal exports by 2030</li> <li>• O/G companies to reduce methane emissions 75% by 2030</li> <li>• O/G net zero by 2050</li> <li>• ban subsidies by 2023</li> <li>• phase out public financing</li> </ul>	<ul style="list-style-type: none"> <li>• end O/G subsidies [no date]</li> <li>• stricter methane regulations</li> </ul>	<ul style="list-style-type: none"> <li>• ban fracking</li> <li>• end oil imports</li> <li>• permit Canadian bitumen upgrading for gas, diesel, propane</li> <li>• promote biodiesel</li> </ul>

Other	<ul style="list-style-type: none"> <li>• end subsidies to green technology</li> <li>• end financial support for emission reductions in developing countries</li> <li>• end Fed Carbon tax</li> <li>• allow Provinces to set emission policy</li> <li>• invest in climate adaptation</li> <li>• promote clean air, water, soil</li> </ul>	<ul style="list-style-type: none"> <li>• keep Carbon Tax on heavy Industry; create Personal Low Carbon Savings Account</li> <li>• Border carbon adjustment</li> <li>• \$5B on Carbon Capture, Utilization, Storage (CCUS)</li> <li>• \$3B on land based carbon sequestration</li> <li>• \$1B on Small Modular Nuclear Reactors (SMR)</li> <li>• Liquefied Natural Gas (LNG) export strategy</li> <li>• Hydrogen power strategy</li> </ul>	<ul style="list-style-type: none"> <li>• Border carbon adjustment</li> <li>• CCUS</li> <li>• double National parks, Marine conservation areas</li> <li>• preserve 30% of land and water by 2030</li> <li>• \$2B Futures fund for transition (AB, SK, NFLB)</li> <li>• \$8B Net zero accelerator fund</li> <li>• plant 2B trees</li> </ul>	<ul style="list-style-type: none"> <li>• Climate Accountability office</li> <li>• Climate Emergency committee</li> <li>• Climate Bank</li> <li>• Canadian Environmental Bill of Rights</li> <li>• national, sectoral carbon budgets</li> <li>• Border carbon adjustment</li> <li>• Green hydrogen for heavy transport</li> <li>• protect 30% of land, water, oceans by 2030</li> <li>• plant billions of trees</li> <li>• Civilian climate corps</li> </ul>	<ul style="list-style-type: none"> <li>• restore carbon sinks, support reforestation</li> <li>• address GHGs of shipping, aviation, military</li> <li>• cancel F35s, buy water bombers for fire fighting</li> </ul>
-------	--	---	---	---	---

Summary

- In order to avoid the most serious effects of climate change, the UN Intergovernmental Panel on Climate Change (IPCC) recommends that global greenhouse gases (GHG) be reduced by 50% (cf. 2005) by 2030. This conclusion is based on scientific evidence and is not a matter of debate.
- the People's PC does not accept this conclusion and they do not mandate GHG reductions.
- the Conservative PC does not set a GHG target for 2030; it promises to meet Canada's commitment to the Paris Agreement, but it plans to reduce Canada's Nationally Determined Contribution from 40-45% to 30%.
- the Liberal PC has set a GHG target of 40-45%; this is less than the IPCC recommendation of 50%.
- the New Democratic PC promises to meet the IPCC target of 50%.
- the Green PC has set a GHG reduction target of 60%.
- the Parties share many of the same GHG reduction strategies, but only the NDP and the Green Party meet (or exceed) the IPCC recommended targets.

Sources

People's Party of Canada: <https://www.peoplespartyofcanada.ca/global-warming-environment> (Accessed 2021.09.04)

Conservative Party of Canada: <https://cpcassets.conservative.ca/wp-content/uploads/2021/04/15104504/24068610becf2561.pdf> (Accessed 2021.09.04)

Liberal Party of Canada: <https://liberal.ca/wp-content/uploads/sites/292/2021/09/Platform-Forward-For-Everyone.pdf> (Accessed 2021.09.04)

New Democratic Party of Canada: <https://www.ndp.ca/climate-action> (Accessed 2021.09.04)

Green Party of Canada: <https://www.greenparty.ca/en/mission-possible> (Accessed 2021.09.04)