

Environmental Plan Section	Actions	Secondary Actions	Notes	Chamber Member Thoughts
Addressing Climate Change				
Make Polluters Accountable	Create and establish emission performance standards to achieve greenhouse gas emissions reductions from large emitters.	<ul style="list-style-type: none"> <li>Each large industrial emitter will be required to demonstrate compliance on a regular basis. The program may include compliance flexibility mechanisms such as offset credits and/or payment of an amount to achieve compliance.</li> </ul>	An emissions performance standard establishes emission levels that industrial facilities are required to meet and is tied to their level of output or production. This approach does not enforce a blanket cap on emissions across Ontario and takes into consideration specific industry and facility conditions while allowing for economic growth. It also recognizes industries in Ontario that are best-in-class while requiring improvements from sectors that have room to improve.	
Activate the Private Sector	The Ontario Carbon Trust	<ul style="list-style-type: none"> <li>We will establish an independent board with the appropriate expertise, with a mandate to form The Ontario Carbon Trust, which will be tasked with working with the private sector to identify projects that will reduce emissions and deliver cost savings.</li> <li>Create an emission reduction fund to support and encourage investments across the province for initiatives that reduce greenhouse gas emissions. The fund will leverage an initial investment from the government (\$350 million) to attract funds from the private sector in order to drive investment in clean technologies.</li> <li>Launch an Ontario Reverse Auction (\$50 million), allowing bidders to send proposals for emissions reduction projects and compete for contracts based on the lowest cost greenhouse gas emission reductions. This is designed to encourage private investment in clean technology solutions.</li> </ul>	<p>Ontario will commit to ensuring funding of \$400 million (\$350 million and \$50 million for reverse auction) over four years. These funds will complement penalties paid into The Ontario Carbon Trust by polluters. This will ensure that over the next four years, The Ontario Carbon Trust should be able to leverage over \$400 million to unlock over \$1 billion of private capital.</p> <p>If Canada's federal government returns to the PanCanadian Framework agreement with the people of Ontario, The Ontario Carbon Trust could be increased by \$420 million through the Low Carbon Economy Leadership Fund. This would increase the fund to \$820 million and unlock more than \$2 billion of private capital. It would also ensure that the people of Ontario are provided the most cost-effective approach to reducing greenhouse gas emissions. Canada's commitment to partner with the people of Ontario through supporting The Ontario Carbon Trust would allow Ontario to reduce emissions beyond what is forecasted in this plan, and help Canada meet its Paris target.</p> <p>The Ontario Carbon Trust will use innovative financing techniques and market development tools in partnership with the private sector to speed up the deployment of low-carbon solutions. It will use public funds to leverage private investment in clean technologies that are commercially viable and will have a widespread presence. It will also seek to reduce energy costs for ratepayers, stimulate private sector investment and economic activity, and accelerate the transition to a low-carbon economy. The Ontario Carbon Trust could consider investing in cost-effective projects from various sectors, such as transportation, industry, residential, business and municipal.</p> <p>What is a reverse auction? The buyer, in this case government, sends out a request for proposals, services or contracts. Bids are assessed and chosen based on the lowest cost, which in this case is the lowest cost per tonne of greenhouse gas emission reductions. The "bidders" in the auction compete to win the project or contract, often underbidding each other, resulting in lower costs for the buyer.</p>	
	Enhance corporate disclosure and information sharing	<ul style="list-style-type: none"> <li>Work with the financial sector to promote climate-related disclosures in Ontario.</li> </ul>	Globally, many financial institutions are adopting the recommendations of the Task Force on Climate-Related Financial Disclosures. Ontario's financial sector is also working to improve disclosures.	

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		<ul style="list-style-type: none"> <li>Encourage the Ontario Securities Commission to improve guidance on climate-related disclosures.</li> </ul>		
	Encourage private investments in clean technologies and green infrastructure	<ul style="list-style-type: none"> <li>Ontario will parallel federal changes to the Accelerated Capital Cost Allowance, which will make technology investments in clean energy generation and energy conservation equipment</li> <li>Work with the Ontario Financing Authority to issue Green Bonds by the end of the fiscal year, after realigning the Green Bond program to support our approach to addressing environmental challenges. This action was included in the Fall Economic Statement.</li> </ul>	Green Bonds serve as an important tool to help finance projects that will help us address our environmental challenges. Project categories include transit initiatives, extreme-weather resistant infrastructure, and energy conservation and efficiency projects (including health and education-related projects). By capitalizing on low interest rates, Ontario's Green Bonds enable the Province to raise funds while respecting the taxpayers of Ontario and without adversely impacting businesses.	
		<ul style="list-style-type: none"> <li>Consider tax policy options to encourage the creation of clean technology manufacturing jobs in Ontario.</li> </ul>		
Use Energy and Resources Wisely	Conserve energy in homes and buildings to cut costs and reduce emissions	<ul style="list-style-type: none"> <li>Increase the availability and accessibility of information on energy and water consumption so that households, businesses and governments understand their energy use (e.g. collection of data related to electric vehicles, household-level energy and water consumption data).</li> <li>Work with the Ontario Real Estate Association to encourage the voluntary display of home energy efficiency information on real estate listings to better inform buyers and encourage energy-efficiency measures.</li> <li>Review the Building Code and support the adoption of cost effective energy efficiency measures that can lower the cost of electricity and natural gas needed to operate buildings.</li> </ul>	For example, provide customers with access to their energy data by working with electricity and natural gas utilities to implement the Green Button data standard. We will support water utilities to implement Green Button on a voluntary basis.	
		<ul style="list-style-type: none"> <li>Ontario is currently a leading jurisdiction in Canada when it comes to energy efficiency standards in its Building Code.</li> </ul>	Today, Ontario's Building Code ensures new homes built after 2017 use 50% less energy to heat and cool than houses built before 2005, resulting in a much lower carbon footprint than older homes.	
		<ul style="list-style-type: none"> <li>Work with the Ontario Energy Board and natural gas utilities to increase the cost-effective conservation of natural gas to simultaneously reduce emissions and lower energy bills.</li> <li>Ensure Ontario's energy-efficiency standards for appliances and equipment continue to be among the highest in North America.</li> </ul>		
	Increase access to clean and affordable energy for families	<ul style="list-style-type: none"> <li>Streamline and prioritize environmental approvals for businesses that use low-carbon technology, while maintaining high standards for environmental protection.</li> <li>Support the integration of emerging smart grid technologies and distributed resources – including energy storage – to harness and make best use of Ontario's clean electricity.</li> <li>Improve rules and remove regulatory barriers that block private investors from deploying low-carbon refueling infrastructure that will help increase the uptake of electric, hydrogen, propane, autonomous and other low-carbon vehicles without government subsidies.</li> </ul>		
		<ul style="list-style-type: none"> <li>Collaborate with the private sector to remove barriers to expanding 24/7 compressed natural gas refueling stations for trucks along the 400-series highways, and maintain the existing tax exemption (gasoline and fuel tax) on natural gas as a transportation fuel.</li> </ul>	This will provide heavy-duty vehicles (such as transport trucks) with a cost-effective path to lower on-road transportation emissions.	
Government Leadership	Make climate change a cross-government priority	<ul style="list-style-type: none"> <li>Develop a Climate Change Governance Framework <ul style="list-style-type: none"> <li>Establish clear responsibilities and requirements for ministries to track and report on climate change measures.</li> <li>Consider climate change when we purchase goods and services across government, where it is cost-effective (i.e. low-carbon intensity steel and cement).</li> <li>Explore opportunities to enhance coordination and guidance for municipalities to help them consider climate change in their decision-making.</li> <li>Update Statements of Environmental Values to reflect Ontario's environmental plan.</li> </ul> </li> <li>Continue to execute a high-performance building automation strategy for government buildings.</li> <li>Ensure investments in future renovations of government buildings maximize energy cost savings.</li> <li>Undertake a review of government office space, with an eye to optimizing our physical and carbon footprint.</li> <li>Support the adoption of low-carbon technologies and climate resilience measures by working to reduce costly and time-consuming regulatory and operational barriers.</li> <li>Encourage the federal government to ensure that climate negotiations under Article 6 of the Paris Agreement improve our cleantech sector's access to emerging global markets for low-carbon technologies. Ontario is a leader in clean technology and more access to global markets will help our local companies create new green jobs in Ontario.</li> <li>Develop tools to help decision makers understand the climate impacts of government activities.</li> <li>Provide guidance to public property owners of heritage buildings to help them reduce their energy use and save on operating costs while continuing to conserve these important cultural heritage resources for future generations.</li> <li>Continue to support the purchase of electric ferries which will be in service in 2020 and 2021 connecting Wolfe and Amherst Islands to the mainland.</li> </ul>	<p>This strategy uses advanced automation and integration to measure, monitor, and control operations and maintenance at the lowest cost, also reducing greenhouse gas emissions during day-to-day building operations. The strategy includes, but is not limited to, HVAC and lighting controls, security, elevators, fire protection, and life safety systems in order to improve performance and to reduce energy consumption.</p> <p>For instance, Ontario is building new correctional facilities to meet LEED standards, which ensures high environmental performance and will improve efficiency while saving money.</p> <p>Ontario will reduce its per employee real estate footprint to reduce energy costs and emissions, as recommended in the Auditor General's 2017 Report.</p> <p><b>Success story:</b> Ontario's private sector leads the country in cleantech Ontario has the largest and fastest-growing cleantech sector in Canada, with \$19.8 billion in annual revenues and over 5,000 companies employing 130,000 people. Ontario is home to 35% of Canada's innovative cleantech companies. Ontario is a leading hub for water technologies with over 900 companies and 22,000 employees.</p> <p>For example, we will identify and report on emissions reductions from school capital investments and enable school boards to access energy efficiency data to inform their investment decisions.</p>	
	Improve public transportation to expand commuter choices and support communities	<ul style="list-style-type: none"> <li>Commit \$5 billion more for subways and relief lines.</li> <li>Establish a public education and awareness program to make people more aware of the environmental, financial and health impacts of their transportation choices.</li> <li>Develop a plan to upload the responsibility for Toronto Transit Commission (TTC) subway infrastructure from the City of Toronto to Ontario.</li> </ul>	Ontario will also invest in a two-way GO transit service to Niagara Falls, as part of the existing plan to build a regional transportation system.	
	Support green infrastructure projects	<ul style="list-style-type: none"> <li>Work with federal and municipal governments through the green stream of the Investing in Canada Infrastructure Program to invest up to \$7 billion in federal, provincial and municipal funding over the next 10 years.</li> </ul>	Funding could be for projects that lower greenhouse gas emissions, reduce pollution, and help make community infrastructure more resilient. Example investments could include improvements to transit and transportation infrastructure and improved local water, wastewater and stormwater systems.	
				