

- 
- 1 GREEN TECHNOLOGY,
NOT TAXES**
 - 2 A CLEANER AND GREENER
NATURAL ENVIRONMENT**
 - 3 TAKING THE CLIMATE
CHANGE FIGHT GLOBAL**

A REAL PLAN to Protect Our Environment

Please consider the environment before
printing this document.

www.ARealPlan.ca

3	MESSAGE FROM ANDREW SCHEER
4	INTRODUCTION
6	THE PARIS AGREEMENT
7	THE FAILED TRUDEAU CARBON TAX
11	A REAL PLAN TO PROTECT THE ENVIRONMENT
12	GREEN TECHNOLOGY, NOT TAXES
15	A CLEANER AND GREENER NATURAL ENVIRONMENT
17	TAKING THE CLIMATE CHANGE FIGHT GLOBAL
19	GREEN TECHNOLOGY, NOT TAXES
20	GREEN INVESTMENT STANDARDS
22	GREEN HOMES TAX CREDIT
23	GREEN HOME RETROFIT CODE ENERGY SAVINGS PERFORMANCE CONTRACTING NET-ZERO READY BUILDING STANDARD GREEN CONSTRUCTION OPTIONS
24	THE GREEN PATENT CREDIT
25	GREEN TECHNOLOGY AND INNOVATION FUND
26	CREATING A GO-TO GREEN HUB FOR INNOVATORS
28	LEADING INNOVATION IN TRANSPORTATION
29	SUPPORTING OUR AGRICULTURAL SECTOR
30	GREENING THE GRID
31	MAKING RENEWABLE FUEL A BETTER OPTION KEEPING OUR COMMUNITIES SAFE COMBATTING EMISSIONS FROM WILDFIRES
32	WORKING WITH INDIGENOUS COMMUNITIES
35	A CLEANER AND GREENER NATURAL ENVIRONMENT
36	MANAGING INVASIVE SPECIES AND MAJOR PESTS MANAGING PROTECTED AREAS
37	MANAGING OUR WETLANDS
38	BETTER UNDERSTANDING THE CHALLENGE COMBATTING AIR POLLUTION
39	PROTECTING OUR WATERWAYS
41	REINSTATING AND IMPROVING CONSERVATION PROJECT FUNDING
42	PROTECTING MIGRATORY BIRDS RESPECTING HUNTERS AND ANGLERS
43	TAKING ACTION ON PLASTICS AND WASTE
44	ENFORCING OUR ENVIRONMENTAL LAWS PROTECTING OUR OCEANS
49	TAKING THE CLIMATE CHANGE FIGHT GLOBAL
50	THREE WAYS WE WILL SHOW LEADERSHIP
56	GREEN EXPANSION ACCELERATOR EXPANDING GREEN BONDS
58	LAUNCHING THE 'CANADIAN CLEAN' BRAND
60	ENDNOTES

MESSAGE FROM ANDREW SCHEER

I am proud to present **A Real Plan to Protect Our Environment**, a plan that will conserve our environment for future generations, protect our children from the effects of climate change, and make a real impact on global emissions reduction.

Conservatives have a proud legacy when it comes to managing Canada's natural environment and improving Canada's environmental performance.

This legacy spans the full history of our country. The founder of our party and Canada's first Prime Minister, Sir John A. Macdonald, laid the groundwork for the national parks system and created the first three – Banff, Yoho, and Glacier.

Years later, Prime Minister Robert Borden championed Arctic exploration to establish a scientific understanding of our northern frontier, with his efforts ultimately recognized in the naming of Borden Island.

Prime Minister John Diefenbaker further entrenched Canada's Arctic sovereignty with his *Roads to Resources* policy while also enshrining in legislation Canadian Environment Week, an annual tradition encouraging environmental action that continues to this day.

Brian Mulroney – named Canada's greenest Prime Minister in 2006 – negotiated the Canada-United States acid rain treaty, created eight new national parks, and brought in the *Canadian Environmental Protection Act*, Canada's first ever comprehensive pollution law.

The previous Conservative government, led by Stephen Harper, achieved a net decline of greenhouse gas emissions between 2007 and 2015 through targeted programs in the agriculture, transportation, and energy sectors.

This plan – **A Real Plan to Protect Our Environment** – builds on our proud Conservative legacy.

The policies outlined in this plan will further lower Canada's emissions and strengthen environmental

protection without taking money out of Canadians' pockets. Our plan does not have a carbon tax.

A Real Plan to Protect Our Environment is built on three guiding principles:

1. Green Technology, Not Taxes
2. A Cleaner and Greener Natural Environment
3. Taking the Climate Change Fight Global

The Conservative record of environmental achievement stands in stark contrast to the Liberal record of failure.

Ever since the days of the Kyoto Accord – which previous Liberal governments committed to and then repeatedly failed to reach – Liberals have been all talk and no action on the environment.

Justin Trudeau's signature so-called environmental policy is, in reality, not an environmental policy at all. His Carbon Tax gives big polluters a pass while punishing Canadians for driving to work and heating their homes.

In fact, Canadian families and small businesses will pay 92% of Trudeau's Carbon Tax, while big polluters are only on the hook for 8%. It is no wonder Canada will miss its emissions reductions targets under the Paris Agreement with the Trudeau Liberal plan. The Liberals may talk about climate action, but by every measure, they aren't as advertised.

A Real Plan to Protect Our Environment is Canada's best chance to meet the Paris targets.

Our plan balances the need for Canada to fight climate change by lowering emissions with our core promise of leaving more money in Canadians' pockets and letting them get ahead.



Andrew Scheer,
Leader of Canada's Conservatives

Ottawa, ON

INTRODUCTION

A Real Plan to Protect Our Environment is the result of hard work, endless stakeholder consultations, and great independent research.

Canada’s Conservatives recognize that climate change is real and evidence from around the world clearly shows that there is a global warming trend.

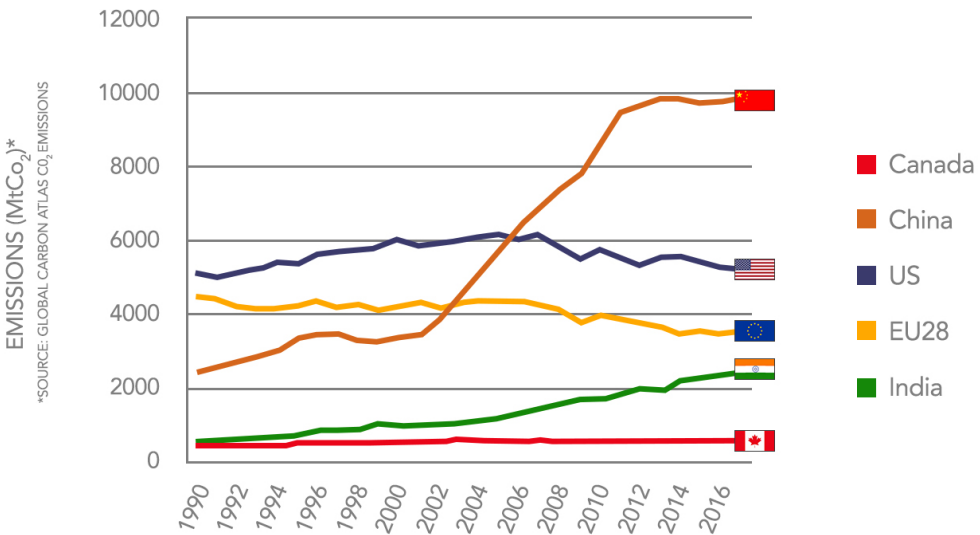
The United Nation’s Intergovernmental Panel on Climate Change (IPCC) notes an overall average temperature increase of about 0.85°C since 1880^{[2][3]}.

While natural events can account for some temperature change, research and data show that human activities are a major contributing factor. It is now considered extremely likely that more than half of the increase in global surface temperature between 1951 and 2010 has been caused by man-made greenhouse gas contributions¹.

When it comes to emissions, Canada is a small contributor to the global problem. By most measures, we account for about 1.6% of total global emissions^{[4][5][6]}.

Of the world’s largest emitters, China holds the top spot by a significant margin. Beginning around 2000, China has experienced an exponential rise in emissions⁷.

GLOBAL CO₂ EMITTERS



Kelowna, BC

THE PARIS AGREEMENT

The Paris Agreement (2015) is an ambitious agreement, signed by 194 countries, to fight climate change. Under this agreement, signatory countries make non-binding pledges (called Nationally Determined Contributions) to reduce emissions. Governments regularly report on their progress towards these goals.

Canada's pledge for the Paris Agreement (2015) is to cut emissions by 30% below 2005 levels by 2030. These targets were developed by the previous Conservative government.

The Paris targets are Conservative targets and our plan will give Canada the best chance at reaching them.

It is important to note that our provincial governments are already making headway on reducing their own emissions. We recognize their leadership and we look forward to working with them in our fight against climate change. The diversity of our federation is our own unique advantage to identify and implement new approaches to reduce emissions both at home and abroad.



Yellowknife, NWT

THE FAILED TRUDEAU CARBON TAX

The Trudeau Liberals love to talk about climate action, but as usual, they are better at words than action. To meet the Paris Agreement targets, Trudeau's climate scheme relies on imposing a carbon tax on Canadian families and small businesses.

Trudeau's Carbon Tax makes life harder and less affordable for Canadians and does nothing to protect the environment or to tackle climate change for Canada and the world.

What Justin Trudeau is not telling Canadians is that for a carbon tax to have any real effect, it will have to increase dramatically.

Even now...

The Trudeau Liberal Carbon Tax hurts commuters driving to and from work trying to put food on the table for their families.

The Trudeau Liberal Carbon Tax hurts moms and dads driving their kids to and from hockey practice.

The Trudeau Liberal Carbon Tax hurts seniors who are trying to heat their home during a cold winter.

The Trudeau Liberal Carbon Tax hurts local businesses on Main Streets across our beautiful country.

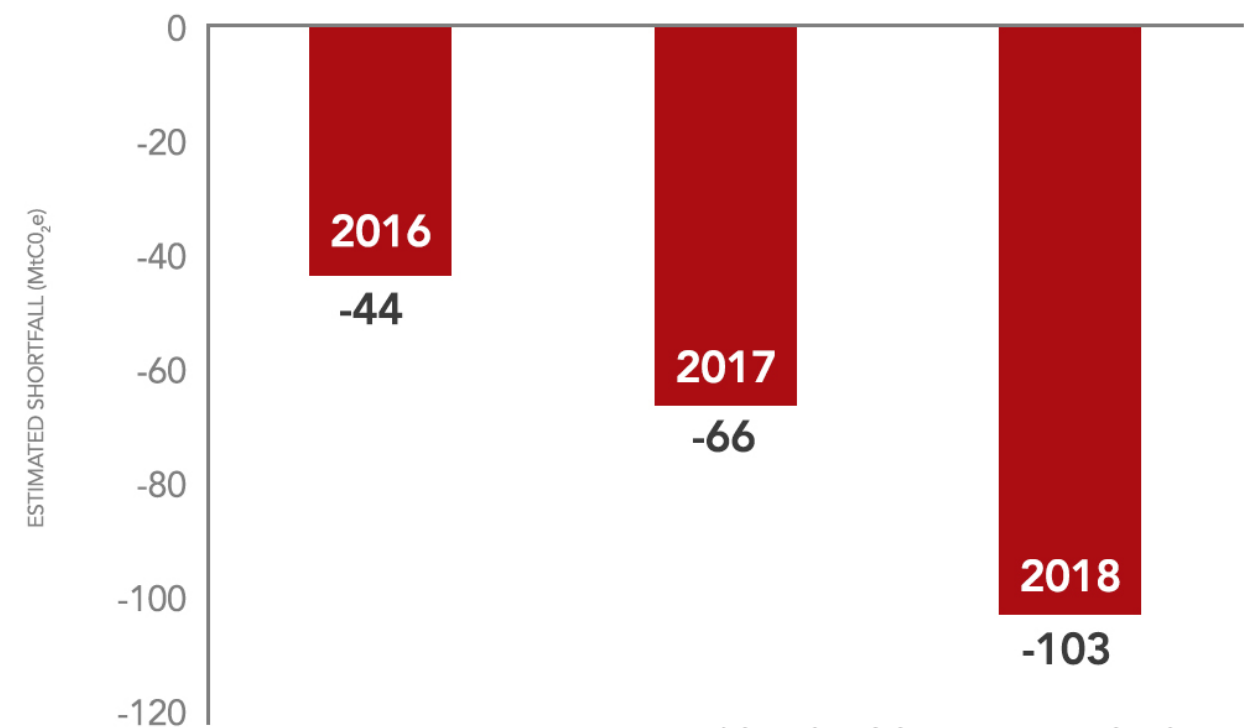
What has Justin Trudeau's climate plan accomplished?

The fact is, Justin Trudeau is nowhere close to meeting the Paris Agreement targets and his government's own numbers show Canada is moving further and further away from the goal.

In 2016, Trudeau's Liberal government estimated that their plan would fall 44 megatonnes short of the Paris targets⁸, then in 2017 their UN submission showed that the Trudeau government would fall 66 Mt short of the Paris target⁹, and in 2018, they projected that Canada they would fall 103 Mt short of the Paris target¹⁰.

MISSING THE PARIS TARGET

THE GAP IS GROWING¹¹



SOURCE: GOVERNMENT OF CANADA

A secret memo prepared for Liberal Environment Minister Catherine McKenna estimated that the Liberal Carbon Tax would have to go as high as \$300 per tonne for Canada to meet its emissions targets. This means that Trudeau's Carbon Tax is either too low to meet the Paris targets, or a re-elected Liberal government would continue to increase its carbon tax past 2022.

On June 13th, 2019, the Parliamentary Budget Office

released a new report that found that **Trudeau's Carbon Tax would need to be \$102 per tonne to reach Canada's emissions reductions targets under the Paris Agreement.** What is more is that this price would have to be implemented in all provinces and territories, not just the four provinces where the federal backstop currently applies. This cost would be **five times** more expensive than it is today.

The reality is that under a re-elected Trudeau government, Canadians would pay even more for groceries and home heating. Their climate scheme would add 23 cents per litre on the cost of gas.

By every measure, when it comes to climate change, Justin Trudeau has failed – his climate plan is not as advertised.

The Trudeau Carbon Tax is a revenue plan, not an environment plan.

It makes life more unaffordable for Canadians by increasing the cost of gasoline, groceries, and home heating.

Canadian families and small businesses will pay 92% of Trudeau's Carbon Tax. Big polluters are only on the hook for 8%.

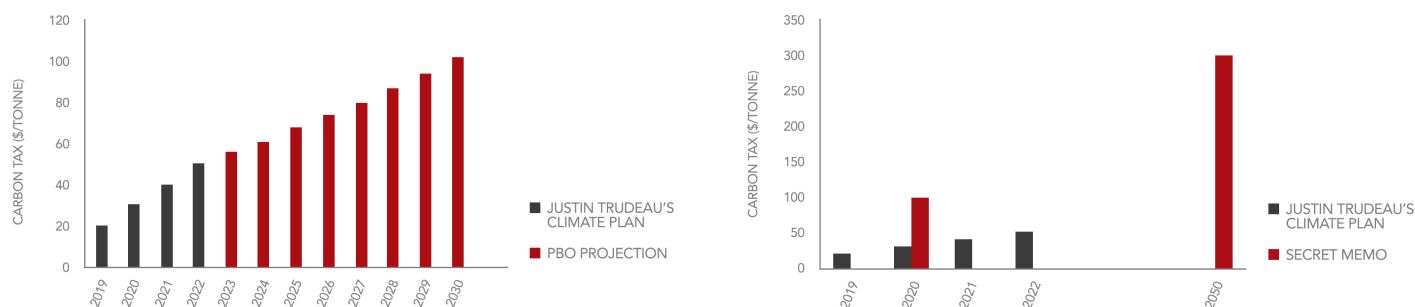
Trudeau gave Canada's biggest polluters a special deal on the carbon tax.

If he is re-elected, his Carbon Tax is only going up. The Parliamentary Budget Officer says the Trudeau Carbon Tax would have to increase five-times for Canada to reach its Paris targets.

That would add 23 cents per litre to the price of gasoline and cost the average Canadian family more than \$1,000 a year.

Our plan will reduce emissions – without a carbon tax.

HOW HIGH WILL THE CARBON TAX GO?





A REAL PLAN TO PROTECT OUR ENVIRONMENT

Climate change is a real, global problem that will require decisive action at the federal level.

For years, provinces across our country, and governments around the world have tried to reduce emissions with a carbon tax. It's clear that this isn't working.

It is time for Canada to be a real leader and bring forward new, innovative solutions.

A Real Plan to Protect Our Environment is a balanced approach to reduce emissions at home, conserve and protect our air, land, water and wildlife, and take our fight against

climate change global.

Our plan has three guiding principles:

1. **Green Technology, Not Taxes**
2. **A Cleaner and Greener Natural Environment**
3. **Taking the Climate Change Fight Global**

GREEN TECHNOLOGY, NOT TAXES

Green Technology, Not Taxes is the best way to lower Canada's emissions. A Real Plan to Protect Our Environment supports green technology innovation, development, and adoption here in Canada, without making life more expensive with new taxes.

The Trudeau Liberals put a carbon tax in place to make driving your car and heating your home more expensive, hoping that you, the consumer, will seek different, cleaner alternatives. Here is the catch: cleaner, more affordable alternatives don't always exist. Many commuters in the GTA often do not have another option but to drive their car to work and back home to

their families. Seniors in rural British Columbia often have no other option but to heat their homes with affordable and reliable natural gas or propane. Middle-class families just trying to pay their bills do not always have the flexibility to make different choices, and sometimes, those choices simply aren't available to them. In the end, Trudeau's Carbon Tax takes money out of your pockets and puts it into the government's coffers.

There is a better way to fight climate change and reduce our emissions.

We can encourage and support the development of green technology to make

environmentally friendly alternatives available. We can do this without making the lives of Canadians harder and more expensive.

Canada is well positioned to be a top contributor of clean technology development. Our country boasts a skilled workforce, strong financial system, access to global markets and proximity to key trading markets like the United States.

We have world-renowned expertise in artificial intelligence and high-tech and a proven track record of innovation in key industrial sectors.

Canada also has a strong culture of corporate responsibility. There are many businesses – big and small – that want to do their part.

As a government, it will be our responsibility to make sure that our policies encourage those who want to act to reduce emissions, while remaining competitive and able to grow.

Our *Green Technology, Not Taxes* approach, will take real action at home to reduce our emissions, fight climate change, and conserve and protect our environment.



A CLEANER AND GREENER NATURAL ENVIRONMENT

Canadians across our country work to conserve, protect and manage our environment. Our plan ensures those Canadians who depend on the land for their livelihoods, are consulted.

The Trudeau Liberals have ignored much of the important work that is being done to protect, conserve and manage our environment within our borders. They have cancelled meaningful consultations with our hunters and anglers, removed important programs like the Lake Simcoe Clean-Up Fund and allowed harmful environmental practices to carry on here at home – such as the dumping of 8 billion litres of raw sewage into the St. Lawrence River.

We know that when people – and governments – come together, the best ideas are put forward and the most productive solutions are found. We understand that the whole country must work together and that is why we will work with the provincial, territorial and municipal governments across our country

to deliver real climate solutions and a cleaner and greener natural environment.

The Trudeau Liberals' promise to work with our provinces and territories as partners has been broken. Right now, there is a conflict between the federal, provincial and territorial governments driven primarily by heavy-handed actions by the Trudeau Liberals. Five Canadian provinces are now challenging the Trudeau Liberal Carbon Tax in court. At a time when we need collaboration, the Trudeau Liberals are delivering conflict. Justin Trudeau has put his narrow ideology ahead of national unity.

A Real Plan to Protect Our Environment builds on the important work that our farmers, hunters and anglers, Indigenous peoples, and volunteers do every day. Our plan will encourage community engagement and consultation. Our plan will conserve and protect our air, land, water and wildlife.

We will review and update strategies for invasive species and major pests.

We will manage our protected areas and lead with consultations to make sure our approach has the best interests of communities in mind.

We will reinstate and improve important conservation funding and better manage undervalued habitats that have been neglected, like our wetlands.

We will work to combat air pollution, protect our waters and oceans, and take action on plastics and waste.

We will ensure that our environmental laws are enforced so everyone is held accountable for their actions.

We will work with provinces and municipalities to bring an end to raw sewage dumps into marine or freshwater ecosystems.



Tree planting at a refinery in Jamnagar, India

TAKING THE CLIMATE CHANGE FIGHT GLOBAL

Emissions do not recognize borders. The impacts of climate change are not proportional to a country's contributions to emissions, or to its ability to adapt to the impact of climate change.

The United Nations Framework Convention on Climate Change (UNFCCC) was first signed in 1992 and has produced two main agreements: the Kyoto Protocol and the Paris Agreement. In the past 27 years there has been significant global engagement, but despite public awareness and support, global emissions have continued to grow.

This is important context for policy-making. As a relatively small emitter in a world that is struggling to achieve its goals under the current framework, Canada has an opportunity to take new approaches to reduce global emissions.

That is why A Real Plan to Protect Our Environment will take the fight against climate change global.

The Trudeau Liberals often seem apologetic, even embarrassed, about what Canada has to offer. A Conservative government will proudly launch the 'Canadian Clean' brand. We will stamp our products as 'Canadian Clean' and market

them as an alternative to the carbon intensive options that exist in other countries. We will stand up for our entrepreneurs and businesses and champion hard-working Canadians on the world stage. We will support technologies and products that are the cleanest in the world by helping Canadian innovators reach global markets.

Justin Trudeau wants to "phase out" Canada's oil and gas sector entirely. This is neither realistic, nor would it be in our best interest. Many forecasters project that demand for oil and gas products will continue to be strong through 2030 and beyond^{[12][13][14]}. Canada cannot let that demand be filled by others. We will work to make Canadian oil and gas the cleanest in the world, making our country a sought-after supplier while lowering emissions worldwide by replacing dirtier products.

Firstly, Canadian energy products, like LNG can be used to replace dirtier foreign energy sources like coal. Secondly, the export of Canadian Clean products, like aluminum, can displace products that have a much higher emissions profile. Finally, technology developed in Canada to reduce emissions can be exported to the world. Not only will we support

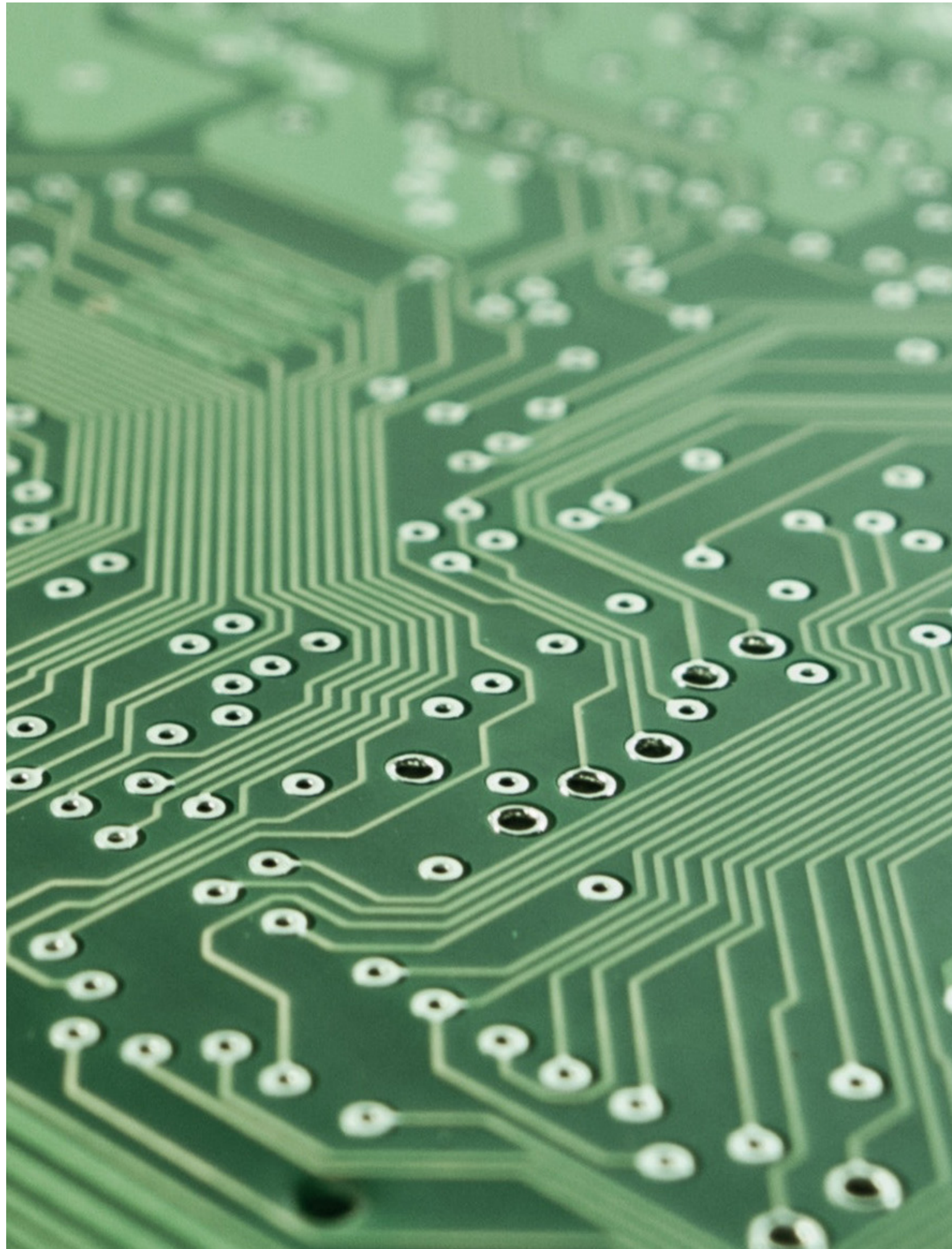
these initiatives with the Canadian Clean plan, but we will introduce tax measures to support our green industries.

Climate change is a global problem that requires global solutions.

Canada has a leadership role to play and we must take our climate fight global.

Canada would not make a global impact by focusing only on reducing emissions within our own borders.

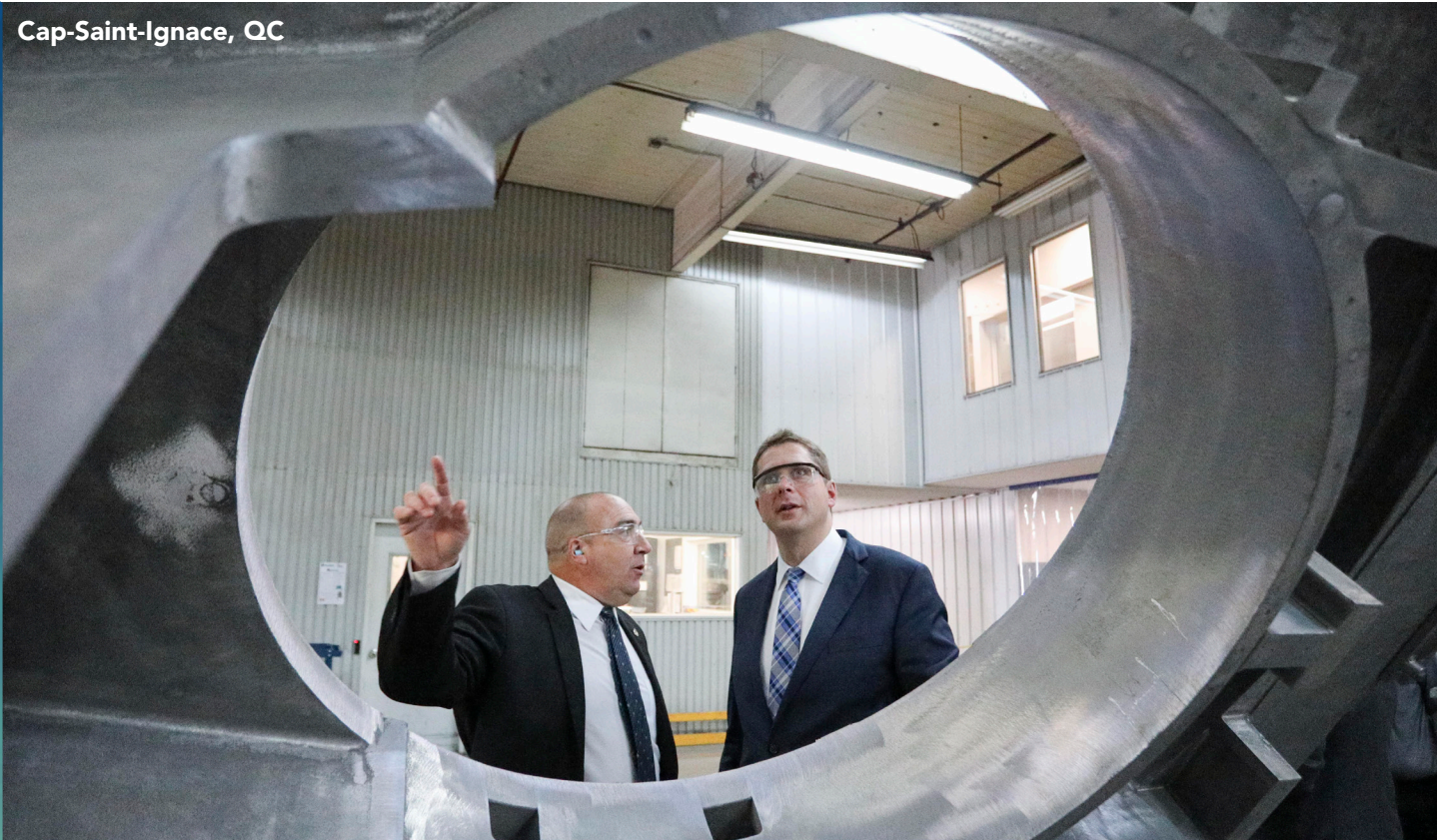
Canada is a relatively low emitter. If you shut down Canada's whole economy for one year – it would take China only 21 days to replace our emissions.



***GREEN
TECHNOLOGY,
NOT TAXES***

GREEN INVESTMENT STANDARDS

Cap-Saint-Ignace, QC



There are so many businesses in Canada that are leading the fight against climate change and working to reduce their emissions.

A Real Plan to Protect Our Environment strengthens Canada's economic advantage and encourages environmental sustainability by making sure major emitters do their part to lower emissions. Guided by our **Green Technology, Not Taxes** principle, we will require Canadian companies to lead by example and invest in emissions-reducing technology if they fall short of our emissions standards.

We will continue to consult with provinces, territories, business leaders and industry experts to make sure that our standards are not just enforced but are also fair. Our standards will keep pace with technological change so that our businesses can adapt and continue to be competitive

and environmentally sustainable, reducing their emissions with minimal economic impact. We are committed to protecting Canadian industry from the negative impacts of carbon leakage* by ensuring that standards are set with their competitive environments in mind.

As Prime Minister, Andrew Scheer will:

- ▶ **Set emissions standards for major emitters that will lower greenhouse gases and drive Canadian businesses to the highest standards of green technology.**

Companies will be required to reduce their emissions to those limits. Those that emit more than is allowed under the **Green Investment Standards** will be required to invest in research, development, and adoption of emissions-reducing technology related to their industry. These companies will be required to

invest a set amount for every tonne of greenhouse gas they emit above the limit. We want major emitters to invest in technology that will give them the best shot at reducing their own emissions. This should be technology with the greatest potential to reduce emissions and offer the best potential return on investment as dictated by the market.

Justin Trudeau's climate scheme gives polluters a pass that he is not giving to consumers or small businesses. Our plan will expand the mandatory application of the major emitters policy from facilities emitting 50 kt CO₂e to facilities emitting 40 kt CO₂e per year. This means that our plan will be mandatory for more major emitters - more companies - than Trudeau's plan.

CERTIFYING GREEN INVESTMENTS

To make sure that investments reduce harmful emissions, our plan will include a transparent and accountable certification process for all investments.

By providing the **Green Investment Standards Certification** and determining the eligibility of green technology investments, we will ensure that companies will be able to make the best business decisions in a timely manner. The certification will require a technical assessment of the investment to determine whether a specific project, investment, fund, or other instrument supports the development or adoption of emissions-reducing technology.

As Prime Minister, Andrew Scheer will:

- ▶ **Develop a *Green Investment Standards Certification* program that outlines eligible investments.**
- ▶ **Require all companies with facilities falling under this regulation to report on their emissions. We will establish an auditing function to ensure that emitters are complying with regulations and that investments are incremental.**

Certification could either be sought by a company exceeding the **Green Investment Standard** or by a company wishing to promote its product to companies that exceed the **Green Investment Standard**. Once certification is achieved, a company will not have to re-apply for the same certification every year.

We will ensure that facilities are taking real action to make meaningful emissions reductions in the medium term and ensure that the right incentives are in place.

Environment and Climate Change Canada will oversee **Green Investment Standards Certification**.

EXAMPLES INCLUDE INVESTMENTS IN:

- A subsidiary or division of a Canadian company that does eligible research and development of emissions-reducing technology;
- An eligible industry research and development pool that allows Canadian companies to combine their investments on green technology;
- Canadian green bonds or financial instruments that are dedicated to investing in emissions-reducing technology;
- Canadian clean tech companies piloting or adopting emissions-reducing technology; and,
- Canadian university and college programs that advance the development of green technology.

A STEP BY STEP PROCESS

There is a Canadian company that makes a product for use at home and in the world. It has a facility that produces more emissions than it is allowed under the emissions standard for its industry. As part of our environment plan they are required to spend a proportionate amount in an eligible clean tech investment.

After weighing its options, the company decides to invest in an eligible start-up that is developing a new carbon capture and utilization process that they know will fit their business model. This start-up has completed the certification process, so these investment costs are eligible expenses. In fact, the company sees long-term potential for the technology, so it has decided to form a partnership with the start-up to share its expertise and support the growth of the start-up.

A Canadian company has exceeded its threshold allowed under the emissions standard. It is required to spend a proportionate amount in an eligible clean tech investment.

After weighing its options, the company decides to install a pilot project that is intended to scale up a promising new technology that recovers waste heat for re-use. The pilot meets all the requirements under the certification process. If proven and adopted, this technology would both reduce emissions and reduce operational costs.

*Carbon leakage is generally defined as the leaking or transfer of emissions from one country to another caused by carbon policy differences.

GREEN HOMES TAX CREDIT

For so many Canadians, the up-front cost of making their home energy efficient is unrealistic and out of reach. There are Canadian innovators and businesses that have developed options for home improvement, but like any new product, it can take a while for these to become the go-to option at an affordable price.

These home improvements do not just save energy, they can also save money through lower home energy costs. To support Canadian families, a Conservative government will create a tax credit for green home improvements.

As Prime Minister, Andrew Scheer will:

- ▶ **Create a two-year Green Homes Tax Credit (GHTC) for homeowners to help pay for energy-saving renovations.**

By making the *Green Homes Tax Credit (GHTC)* a two-year plan, it will incentivize Canadians to renovate their homes more urgently. This will encourage families to try new energy-saving products and technologies.

Under this program, Canadians will be eligible to receive a 20% refundable credit on their income tax for green improvements to their homes of over \$1,000 and up to \$20,000, which will allow Canadians to save up to \$3,800 on their renovations in each year.

We expect this credit to cost \$900 million per year.

In 2017, buildings represented about 12% of Canada's emissions, or 85 Mt of carbon dioxide equivalent¹⁶.



GREEN IMPROVEMENTS COULD INCLUDE:

- Installation of high-quality insulation;
- Upgrading of ventilation, heating and cooling systems; and,
- Investments in high-efficiency furnaces;
- Installation of solar panels.
- Replacement of doors and windows with more efficient models;

GREEN HOME RETROFIT CODE

More and more Canadians are looking to make their homes greener. They do this to reduce their own emissions and save money on energy in the medium and long term. To establish standards for renovators, contractors and homeowners, we will put in place the new *Green Home Retrofit Code*.

As Prime Minister, Andrew Scheer will:

- ▶ **Establish a retrofit code for those who wish to undertake an environmental retrofit.**

ENERGY SAVINGS PERFORMANCE CONTRACTING

We want to make it easier for builders and contractors to build green homes. Energy Savings Performance Contracting (ESPC) is a relatively new concept that has had success in other jurisdictions. It works by using investment capital up front and then having the building owner pay back the investor through the energy savings. *The Green Home Retrofit Code* will form part of the regulatory backing required for a new ESPC market to be established.

As Prime Minister, Andrew Scheer will:

- ▶ **Ensure the legal supports required to develop a market for Energy Savings Performance Contracting (ESPC) are in place to drive building renovation in the long term.**

NET-ZERO READY BUILDING STANDARD

National Building Codes set the standards for building efficiency and can be an important tool in our efforts to lower emissions. The previous Conservative government increased energy efficiency requirements in both the 2010 and 2015 National Building Codes, and in the 2011 and 2015 National Energy Code of Canada for Buildings.

The Trudeau Liberals on the other hand have set ideological targets that increase the cost of homes, putting home ownership even further out of reach for so many Canadians. In 2017, government officials estimated that Trudeau's proposed National Building Code would add \$35,000 to the price of a typical home¹⁵.

A Real Plan to Protect Our Environment will establish a voluntary net-zero ready building standard. Canadians can find comfort in the

fact that net-zero ready homes are an option – and not mandatory.

This will help create a market for cutting-edge home efficiency technology in all home price ranges. We will continue to strengthen Canada's model building codes in a way that is sensitive to the impacts it will have on the cost of building a home.

As Prime Minister, Andrew Scheer will:

- ▶ **Establish a voluntary net-zero ready building standard.**

GREEN CONSTRUCTION OPTIONS

We can't tackle climate change without looking at the construction industry. There are several measures that can be taken to boost energy efficiency, without costing taxpayers or hurting businesses. We will encourage the use of green products like wood and low-carbon cement to reduce the carbon footprint of our buildings and other infrastructure projects.

As Prime Minister, Andrew Scheer will:

- ▶ **Encourage the greater use of wood and low-carbon cement in construction projects.**



THE GREEN PATENT CREDIT

The green technology sector in Canada is growing, but it is not yet profitable. Canada does well in things like entrepreneurial ambition, public research and development, and venture capital; but we fall short on the number of

researchers, amount of business research and development, and the number of patents¹⁷.

Our green technology companies are strong in the early stages of research and development, they

slow down in the middle (turning ideas into companies and growing those companies), and then our companies often stumble towards the finish line (commercialization and development)¹⁸.

A Real Plan to Protect Our Environment will inspire green entrepreneurs and the development of green technology by creating a **Green Patent Credit**. The **Green Patent Credit** will incentivize the green-technology sector to do research and development as well as commercialization here in Canada, making our country a destination for green innovation. The increased supply of new emissions-reducing technology will in turn make green technology options more affordable for Canadians. The **Green Patent Credit** is modeled on the 'patent box' approach in the U.K.

As Prime Minister, Andrew Scheer will:

- ▶ **Establish a Green Patent Credit that will reduce the tax rate to 5% on income that is generated from green technology developed and patented in Canada.**

The current business tax rate is 15%. We will reduce this to 5% for income from a green patent. Because this is below the small business tax rate, it will also provide a significant incentive for Canada's small businesses.

We expect the **Green Patent Credit** to cost \$20 million per year in the beginning, rising to \$80 million after four years. We believe in incentives, not taxes. This green tax reduction will encourage investment in research and commercialization of green technologies and will encourage entrepreneurs to find ways to green their technologies.

Winnipeg, MB



GREEN TECHNOLOGY AND INNOVATION FUND

Canada's small but growing green technology sector is in urgent need of support. For too long, Canadian entrepreneurs have been starved of capital. They see more generous funding south of the border than they do at home. Many Canadian companies reach commercialization and then sell their technologies to other businesses to be put into production. It is time to unleash our technology and commercialize our products right here in Canada. We must provide our entrepreneurs the access to capital they need to succeed.

As Prime Minister, Andrew Scheer will:

- ▶ **Leverage up to \$1 billion in private investment in new venture capital for Canadian green technology companies. This will build on the success of the previous Conservative government's Venture Capital Action Plan. We will do this by providing \$250 million for a fund managed by the private sector and separate from government. The private sector will be required to invest \$4 for each government dollar. We will recover this money for taxpayers by selling the investment when the company gets off the ground and reaches commercial potential. We will consult with industry to make sure our plan supports the best mix of early-stage to late-stage development.**



Waterdown, ON

CREATING A GO-TO GREEN HUB FOR INNOVATORS

Innovation thrives when researchers and entrepreneurs have access to robust networks of collaborators. We will support a central hub that will allow people across Canada to connect with one another more easily and break down the silos that can hamper innovation.

As Prime Minister, Andrew Scheer will:

- ▶ Create a single online hub for green technology innovators that will help them identify where they can find talent, information, and resources from the private and public sectors.

Canada's polytechnics, universities and centres for research and development have numerous resources including students, professors, high quality facilities and leading technology that can be used by Canadian Small and Medium Enterprises (SMEs).

LEADING INNOVATION IN TRANSPORTATION

Guided by our *Green Technology, Not Taxes* principle, our *Green Patent Credit* will encourage research and development in the transportation industry. A company, seeing the benefits of the *Green Patent Credit*, could be incentivized to create a fast charging electric vehicle battery. We will support Canadian companies to create emissions-reducing technology with the goal of getting their products to market faster. In turn, the increased supply of these products will make green options more affordable for Canadians.

A Real Plan to Protect Our Environment will work to reduce emissions in the transportation sector by closing the gap between conventional and zero-emission vehicles and removing barriers that slow down the transition that is already occurring. To do this, we will work with provinces and territories, auto manufacturers, business leaders and industry experts to develop faster charging electric vehicle batteries, increase the distances that can be travelled on a single charge, deal with the environmental challenges of recycling used batteries, and deploy the necessary charging or refuelling infrastructure to accommodate a changing fleet.

Right now, there are rules that apply to cross-border trucking that results in trucks being forced to drive empty for part of their journey. Tens of thousands of transport trucks

cross the Canada-US border every day, so this represents a significant opportunity. These rules could be changed to improve the energy efficiency of international trucking in North America, while still maintaining necessary protections for domestic industries.

As Prime Minister, Andrew Scheer will:

► **Negotiate regulatory changes that would increase the efficiency of transportation of goods at Canada's borders.**

There are many options for reducing emissions in heavy duty vehicle fleets. A Conservative government led by Andrew Scheer, will consult with our industry partners to find ways that Canadian trucking companies can replace old and inefficient trucks with new and cleaner fleets.

SUPPORTING OUR AGRICULTURAL SECTOR

We recognize the hard work of our farmers who feed the tens of millions of families across our nation. Unfortunately, the Trudeau Liberal Carbon Tax has made a tough job even harder.

Farmers are doing their part in the fight against climate change by improving land-use practices like zero tillage and the use of 4R Nutrient Stewardship (right source, right rate, right time, right place¹⁹). We recognize their contribution in sequestering carbon.

As our farmers continue their vital work, our government will look for ways to support their continued development of technology and land-use practices that are good for our environment. We will work with them to increase the efficiency of fertilizers and land-use methods, maximize the potential of agricultural land to sequester carbon, and ensure that best practices keep pace with the most recent advancements in technology and practice.



GREENING THE GRID

Canada is home to one of the cleanest electrical grids in the entire world. More than 80% of our power comes from renewable sources. But, there are approximately 220,000 people living in nearly 300 remote, off-grid communities that rely on locally-produced power. In many cases, these communities rely on diesel generators to supply power which are expensive and harmful to the environment.

As Prime Minister, Andrew Scheer will:

- **Pursue opportunities to connect regions and communities with clean power.**

Even in the more populous regions of Canada that are connected to the grid, we are not taking full advantage of the latest technology. Modern smart grid technology allows for two-way communications between utilities and their customers to make electricity transmission more efficient, reliable

and affordable. It strengthens the integration of clean energy resources, which improves our ability to green the grid. Also, nuclear energy has the capacity to provide clean, affordable and safe base-load power in Canada and around the world. We can champion a new era of safer, scalable and virtually waste-free technology.

We are fortunate to have so many sources of clean, renewable power in Canada, but we can still do better. Not only will we invest in smart grid technology and renewable power, and work with provinces and territories to increase the availability and use of these technologies, but our **Green Technology, Not Taxes** policies will help drive innovation forward.

A Real Plan to Protect Our Environment will support the strategic interconnection of electricity grids. This can be on a project by project basis to connect regions with cleaner power sources, or it can be through the creation

of a national energy corridor that facilitates the transmission of clean electricity.

As Prime Minister, Andrew Scheer will:

- **Foster the adoption of smart grid technology and strategic interconnection of electricity grids.**
- **Foster the adoption of renewable power technologies.**

As we pursue a cleaner grid, we are conscious of the fact that, in the past, there have been times when poorly executed energy policies have led to dramatic increases in energy prices. While we will support the continued greening of Canada's energy mix, we will always be mindful of the impact on the cost of living for Canadians.

MAKING RENEWABLE FUEL A BETTER OPTION

The Trudeau Liberals' approach to fuel standards is complex and expensive. Their approach will impose significant additional costs on fuels that are already subject to the Liberal Carbon Tax.

Trudeau is pushing his burdensome Liberal fuel standard and proposing unprecedented new rules on solid and gaseous fuels that go beyond what the current technology can achieve. This is yet another cost for businesses already saddled with

carbon taxes, regulatory changes and other federal red tape.

Our plan is to encourage fuel producers to do their part, but we must make sure that we do not put an added burden on Canadians. The demand for fossil fuels will continue for some time, so it makes sense to look at options for lowering their emissions intensity. But we must also consider the impacts on cost, land use, the current state of technology,

regional differences in climate, and the ability of existing fleets to accommodate any changes to fuels.

As Prime Minister, Andrew Scheer will:

- **Work with provinces, territories and stakeholders to increase the availability and use of renewable fuels and to decrease the carbon intensity of Canada's fuel mix.**

KEEPING OUR COMMUNITIES SAFE

Canada needs to improve its resilience to extreme weather events to keep our communities safe. Communities must be able to identify risks and to be able to plan properly to address the risks.

An adaptation lens may include designing infrastructure to protect a community from extreme weather events, but it may also include designing other infrastructure to ensure resilience with respect to known hazards. In either case, it will

help communities to be prepared in the event of an emergency.

As Prime Minister, Andrew Scheer will:

- **Incorporate a mitigation and adaptation lens to the government's investment in infrastructure.**

Enhanced or constructed wetlands and other natural features can provide low-cost protection against

floods, drought, and water quality issues while also providing values like recreation, fish and wildlife habitat, and carbon sequestration.

As Prime Minister, Andrew Scheer will:

- **Pursue natural infrastructure projects that leverage the resilience of our natural landscapes.**

COMBATTING EMISSIONS FROM WILDFIRES

In recent years, there has been a series of devastating wildfires in western Canada. These events force families from their homes and communities and can result in devastating loss.

Wildfires are part of the natural cycle of forests. However, a changing climate, including increased forest health issues

and the potential for hotter, dryer summers has resulted in an increased risk of high-intensity fires. This is a problem for communities located in forested regions.

As Prime Minister, Andrew Scheer will:

- **Direct the Canadian Forest Service to investigate the**

use of technology that can improve the early detection of wildfires and/or better predict fire behaviour, specifically targeting high-risk areas close to communities.

WORKING WITH INDIGENOUS COMMUNITIES

Canada's Indigenous peoples have a wealth of knowledge that can help Canada understand the changes taking place in our environment as we continue to manage our air, land, water and wildlife. We will continue to work with Indigenous communities to incorporate their knowledge of the land and their history into our broader understanding of the effects of climate change and the environment.

A changing climate disproportionately impacts Canada's Indigenous peoples – especially those living in remote and Northern communities and working in industries such as mining and forestry. We will make sure that Indigenous communities

are included as we plan mitigation and adaptation activities.

As Prime Minister, Andrew Scheer will:

- ▶ **Continue to build and maintain a respectful relationship with Indigenous peoples to learn from them and to incorporate their traditional knowledge into our efforts to address the impacts of climate change.**
- ▶ **Collaborate with Indigenous peoples on undertaking mitigation and adaptation projects.**





A CLEANER AND GREENER NATURAL ENVIRONMENT

From the Rocky Mountains to the Northern tundra to the Bay of Fundy, Canada is home to the world's most beautiful landscapes, natural landmarks, and parks - from sea to sea.

The quality of our local environment impacts our lives and Canadians care deeply about what happens in their own backyard. We recognize the important work that is being

done across the country by Canadians acting as stewards of our environment: farmers who manage their family land so they can pass their farms down to their children and grandchildren; community organizations who work to make sure parks and playgrounds are free of litter; hunters and anglers who responsibly manage supply so next year's season is better than

the last; and park rangers and volunteers who make sure our natural landscapes are open for families and friends to enjoy.

A Real Plan to Protect Our Environment builds on this important work and emphasizes community engagement and consultation. Our plan will conserve and protect our air, land, water and wildlife.

STRATEGY FOR INVASIVE SPECIES AND MAJOR PESTS

Across the country, there are invasive species and major pests that can degrade habitat, kill or displace other species, introduce parasites, or impact our interactions with the environment. These include pine beetles, Asian carp, emerald ash borer, and zebra mussels.

Our plan calls for a comprehensive update of Canada's strategy to protect our fisheries, forests,

agricultural lands, tourist areas, and the millions of good jobs in those industries.

As Prime Minister, Andrew Scheer will:

- ▶ **Review and update the Invasive Alien Species Strategy for Canada, as well as the invasive species action plans.**

- ▶ **Build on the important work that is done by Parks Canada to control pest species on waterways and lands that pose a substantial threat to forest and aquatic health.**

MANAGING OUR PROTECTED AREAS

From Stanley Park and Banff National Park in the West, to Rocher Percé, Gros Morne and the Cape Breton Highlands in the East, to Lancaster Sound and Nahanni in the North, these areas - and so many others in between - deserve proper management.

With the passage of Bill C-55, the Trudeau Liberals have undercut the consultation process that is vital to designating protected areas. Now, Marine Protected Areas are being determined before consultation happens. This means that Canada's commercial fishers and small coastal communities will be forced to fight the government to defend their interests when they should have been consulted in the first place.

Canada must have a robust protected area system. We will conduct consultations with local communities and governments, business owners, and Indigenous peoples to make sure that our approach has the best interests of

the communities in mind.

We will restore protections for meaningful community consultations that were taken away by the Liberal government. We are committed to setting aside 17% of Canada's terrestrial area and 10% of marine area as agreed to by the previous Conservative government.

We believe that the quality of land set aside is every bit as important as the quantity, so we must make sure we take the time to get it right.

As Prime Minister, Andrew Scheer will:

- ▶ **Lead a science-based terrestrial and marine conservation assessment to identify the best opportunities for expanding our protected area network, including parks, marine protected areas, national wildlife areas and migratory bird sanctuaries.**

- ▶ **Identify high-value, low-conflict areas and initiate an expedited process to declare the area as protected.**
- ▶ **Work with Indigenous peoples to explore options for more active participation in the management of protected areas.**
- ▶ **Reinstate up-front consultations with communities and stakeholders before determining protected area boundaries.**
- ▶ **Ensure that protected area approval processes are reasonable, timely, and respectful of local communities.**

MANAGING OUR WETLANDS

Wetlands can help to protect Canada from floods and droughts. They help recharge our groundwater and purify our water. They provide important habitat for fish and wildlife. They offer opportunities for recreation and they sequester carbon.

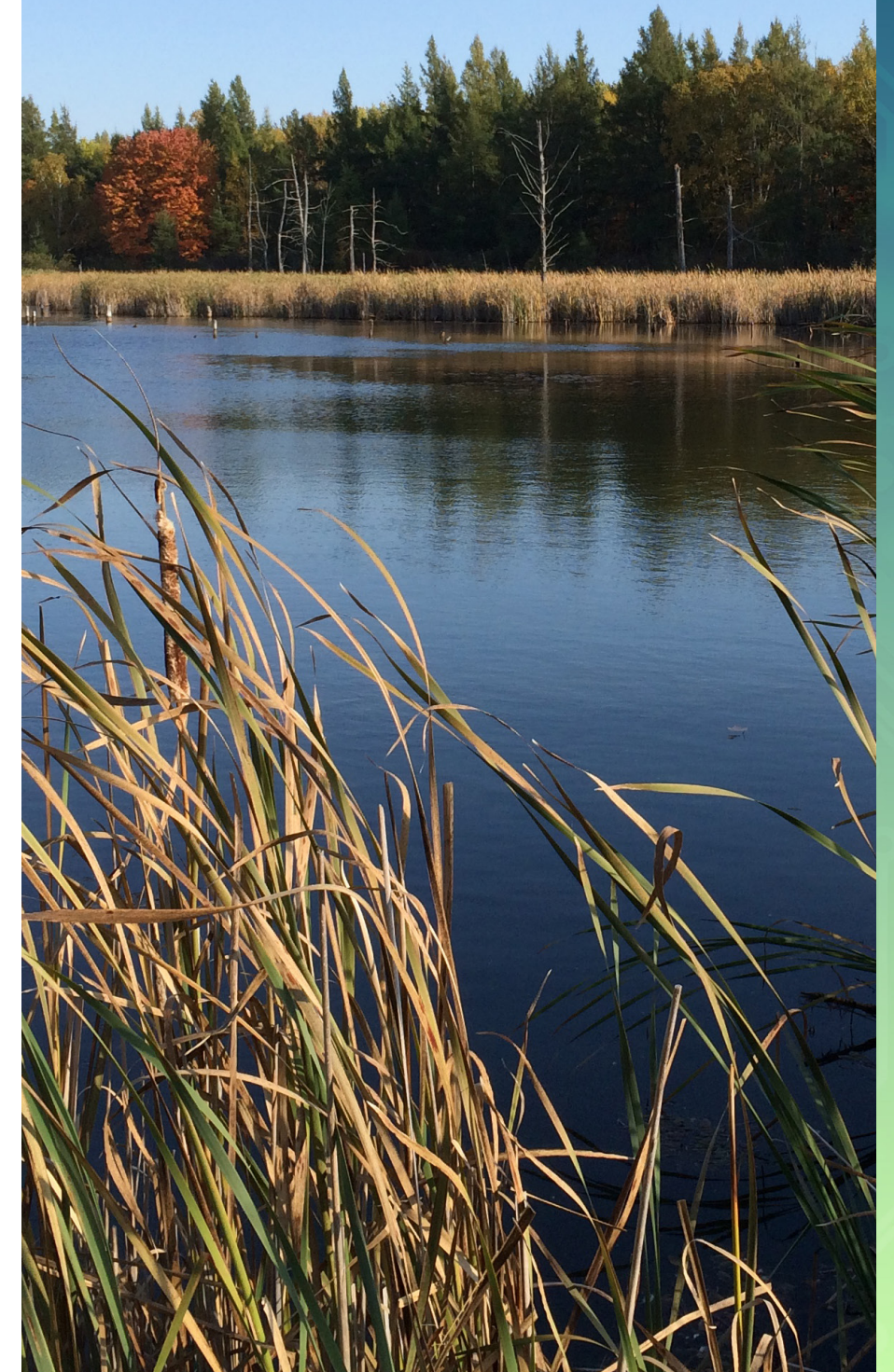
Canada has close to one quarter of the world's remaining wetlands, but in settled areas up to 70% of our wetlands have been destroyed or degraded. Our wetlands have been undervalued and their habitats neglected. As our wetlands are lost, Canadians lose the important protections they provide. For example, our communities become more susceptible to flooding and drought. This is particularly true on private lands.

We recognize that private landowners with sensitive wetlands are valuable partners in conservation. Our plan's objective is to reduce conflict between local government and landowners to support management of wetlands so that we can find a way to conserve and manage our wetlands in respectful and meaningful ways.

As Prime Minister, Andrew Scheer will:

- ▶ **Support the completion of the Canadian Wetland Inventory. This will cost \$15 million over three years.**
- ▶ **Study the feasibility of an incentives-based program that restores, maintains and protects critical habitats. This study will:**
 - ▶ **Identify regions and ecosystems that provide significant ecological goods and services; and,**
 - ▶ **Assess options for maintaining or restoring critical habitats in these areas on private lands.**

Ecological goods and services programs currently exist for private lands. FlexFarm developed by Ducks Unlimited and ALUS are two examples. Our study would allow us to consider expanding on the work of these important programs.



BETTER UNDERSTANDING THE CHALLENGE

To successfully reduce emissions at home we must understand the contributions of our forests, wetlands, tundra, and managed lands as a carbon sink. In the past, Canada's vast forests were a net carbon sink, but in recent years, wildfires and pest infestations may have tipped the scale in the other direction. It is vital that we identify not only where we are now, but also where

the opportunities are so that we can make better land use decisions for the future.

As Prime Minister, Andrew Scheer will:

- **Study the contribution that Canada's landscape makes to global emissions.**

COMBATting AIR POLLUTION

More than 80% of Canadians now live in urban areas and more than a third of all Canadians live in our three biggest metro areas (Toronto, Montreal, and Vancouver). Our cities are some of the most liveable in the world, but air pollution, even at low levels, is hurting our communities. Air pollution and smog contributes to an estimated 14,000 premature deaths each year in Canada alone²⁰.

Improving air quality will help Canadians breathe easier and make sure that our cities continue to be healthy, attractive places to live, work and play.

As Prime Minister, Andrew Scheer will:

- **Review and modernize air quality standards and regulations, with a focus on urban airsheds.**

PROTECTING OUR WATERWAYS

Canada's waterways opened our nation to explorers and offered early trade routes that set the stage for a dynamic, modern economy. Today, our waterways support our trade-based economy and sustain our livelihoods in several ways.

They should not be used as a toxic dumping ground.

Since taking office, the Trudeau Liberals have failed to protect our waterways from pollution. In one of her first acts as Environment Minister, Catherine McKenna allowed the City of Montreal to dump 8 billion litres of raw sewage into the St. Lawrence River. In 2017 alone, municipalities dumped 215 billion litres of raw sewage untreated into lakes and rivers

across the country.

The previous Conservative government had an excellent track record on waste management. We created the Wastewater Systems Effluent Regulations to set higher standards for wastewater treatment. We also made wastewater investments across the country, including in Montreal and Victoria.

As Prime Minister, Andrew Scheer will:

- **Work with provinces and municipalities to bring an end to raw sewage dumps into marine or freshwater ecosystems.**

In 2007, the previous Conservative government implemented the Lake Simcoe Clean-Up Fund. It funded over 200 community-based projects that restored fish and wildlife populations, planted thousands of new trees, and reduced harmful sewage and waste dumps into watersheds. The Trudeau Liberals cancelled the fund in 2017.

As Prime Minister, Andrew Scheer will:

- **Maintain support for watershed protection in significant watersheds, including the Great Lakes and Lake Winnipeg, and restore the Lake Simcoe Clean-Up Fund.**



REINSTATING AND IMPROVING CONSERVATION PROJECT FUNDING

Workers and volunteers roll up their sleeves and work on conservation projects in their communities. This kind of community-minded action gets real results and should be supported.

As Prime Minister, Andrew Scheer will:

- ▶ Restore funding for the community-led National Wetland Conservation Fund (NWCF) which was cancelled by the Liberals. This will cost \$4 million a year.
- ▶ Restore funding for the community-led Recreational Fisheries Conservation Partnership Program (RFCPP), which was cancelled by the Liberals. This will cost \$10 million a year.
- ▶ Create a new fund for community-based projects targeted to wildlife enhancement. This will cost \$25 million over five years.
- ▶ Maintain the community-led Habitat Stewardship Program for Species at Risk.
- ▶ Maintain important national conservation programs, including the North American Waterfowl Management Plan and the Natural Heritage Conservation Program.

PROTECTING MIGRATORY BIRDS

Migratory birds are iconic symbols in Canada. Hunting migratory birds requires a permit with a valid Canadian Wildlife Habitat Conservation stamp. Proceeds from the sale of these stamps go to support conservation efforts in communities across Canada.

As Prime Minister, Andrew Scheer will:

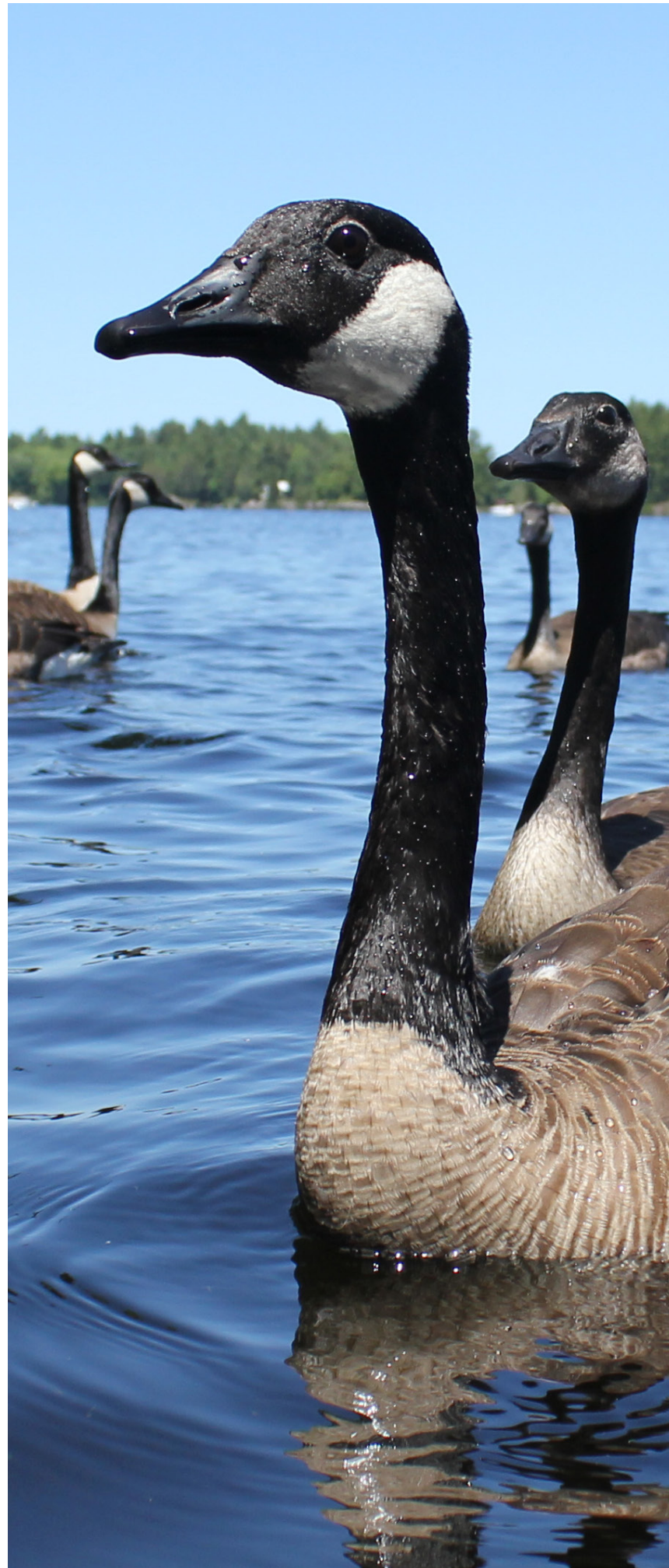
- ▶ **Continue to fund the North American Waterfowl Management Plan.**
- ▶ **Increased resources for waterfowl conservation measures, funded by modest increases for non-resident hunters on the cost of the migratory bird stamp.**

RESPECTING HUNTERS AND ANGLERS

Canada's hunters and anglers make significant contributions to the preservation of species and habitats and can offer valuable advice on the stewardship of Canada's wildlife. The Trudeau Liberals cut the Hunting and Angling Advisory Panel, choosing to lose touch with what is happening in our local communities. Our plan will make sure that our hunters and anglers have a seat at the table.

As Prime Minister, Andrew Scheer will:

- ▶ **Re-establish the Hunting and Angling Advisory Panel.**



TAKING ACTION ON PLASTICS AND WASTE

The Trudeau Liberals have failed to diagnose Canada's plastic problem and therefore have provided meaningless solutions.

Justin Trudeau has failed to recognize that plastic is a global problem. Almost all the plastic that is on our shoreline and in our waters comes from other countries.

There is no question our country's recycling must improve. Too often, products are packaged in excessive amounts of plastic and too little of our plastic is recycled and reused.

Provinces and territories have the primary responsibility for managing plastic and they are taking action. British Columbia has led extended producer responsibility efforts and Ontario recently announced a plan to do the same. However, the lack of common standards and practices has posed a barrier to national companies wishing to reduce their waste. By working with our provincial and territorial partners as well as the private sector towards a common goal, we can work to improve the way plastics are used, re-used and recycled in Canada.

Canada needs to improve its waste management. Waste that is not properly managed ends up littering our parks, our rivers, our lakes, and our streams. Nationally, only about a quarter of our waste is diverted from landfills²¹. That is significantly less than other OECD countries. There are many companies that have the ability and the will to divert or convert waste into clean energy, but their intentions and efforts are hampered by a patchwork of regulatory regimes across the country. Significant legwork has been done by provinces and territories in terms of planning to improve waste management, but an engaged federal partner with a strong focus on technological progress and red tape reduction will help provinces, territories and the private sector take action to reduce waste.

As Prime Minister, Andrew Scheer will:

- ▶ **Ban the export of plastics waste unless it can be shown that it will be recycled at its destination and impose tough penalties for violations.**

- ▶ **Work with provinces, territories, plastics producers and other stakeholders to develop a nationally harmonized regulatory regime for plastics recycling including elements of extended producer responsibility and harmonized standards for products and packaging containing plastic.**
- ▶ **Work with producers to minimize the plastic packaging of products.**
- ▶ **Work with international partners to combat oceans plastic.**
- ▶ **Work with provinces and territories to reduce waste and to increase the recovery of clean energy products and other valuable by-products from existing waste.**

Enerkem is a Canadian company that has developed a carbon recycling process that can convert unrecyclable waste into clean burning ethanol and methanol. Headquartered in Montreal, with an operating facility in Edmonton, and an innovation centre in Westbury, QC, Enerkem is a truly Canadian company with a global reach. Guided by our *Green Technology, Not Taxes* principle, policies like our *Green Patent Credit* will encourage research and development in the waste industry and help ensure innovative companies like Enerkem can continue to grow in Canada.

ENFORCING OUR ENVIRONMENTAL LAWS

We must have strong environmental laws in place and our plan will make sure that those laws are enforced. Poachers and individuals who willfully break Canada's environmental laws should suffer the consequences of their actions and be held accountable.

As Prime Minister, Andrew Scheer will:

- **Prioritize funding for environmental compliance and enforcement.**

PROTECTING OUR OCEANS

Marine shipping is vital to our country's economy. Managing ocean traffic and shipping logistics must include the protection of our coastal communities and marine life.

Our plan proposes a science-based approach, greater flexibility in shipping routes, and increased monitoring to improve safety. We believe the solution lies in better technology and data-driven decisions, and not by banning shipping traffic and harming the economy like the Trudeau

Liberals have done. We will explore real-time monitoring to share crucial information about ocean environments with mariners. Real-time data could make sure that ships avoid interactions with whales and marine animals and ensures marine traffic is only re-routed when there are real threats posed to marine life.

As Prime Minister, Andrew Scheer will:

- **Work with coastal provinces, business leaders and industry**

experts to explore the creation of flexible shipping routes based on latest scientific data, to reduce the impacts of shipping on marine life.

- **Incorporate environmental components to existing shipping corridors alongside other important components, such as physical safety.**



***Carbon emissions are
a global problem.***

***That is why our plan will
reduce global emissions,
while creating jobs
in Canada.***





Moosomin, SK

TAKING THE CLIMATE CHANGE FIGHT GLOBAL

The current international approach to fighting climate change is to require countries to self-impose domestic emissions reductions targets. Around the world, countries work to reach their own emissions reductions targets regardless of the cost or risks of carbon leakage to higher-emitting countries.

As a result, good opportunities to lower global emissions are sacrificed to focus on policies to meet domestic targets that will have little to no international impact.

Canada must look beyond our own borders and confront the climate change reality: it is a global problem, for which global solutions are needed.

A global solution would focus climate change efforts on the most efficient emissions reductions, regardless of what country they are in.

There is no way to do this under existing international agreements. As a result, wealthy countries with good environment practices, like Canada, are forced to subject themselves to expensive emissions reduction strategies while high-emitting developing countries with lower cost emissions reduction opportunities struggle to make those investments. **This defeats what should be the ultimate objective of lowering global emissions.**

There is one mechanism under the Paris Agreement that can be used to facilitate international cooperation on emissions reductions: Article 6. The international community has so far been unable to agree on the rules that would govern Article 6. Canada should be an active participant in those negotiations to ensure that

our efforts are recognized.

A Real Plan to Protect Our Environment recognizes the powerful position Canada is in to break the status quo and export our technology and expertise to lower emissions in other parts of the world. Our plan lays out three ways we will show leadership.

1. **Canadian energy products can be used to replace dirtier foreign energy sources.**
2. **The export of Canadian Clean products can displace higher emissions products.**
3. **Technology developed in Canada to reduce emissions can be exported to the world.**

1

Canadian energy products can be used to replace dirtier foreign energy sources.

It has been well-established that natural gas, like LNG, is a cleaner source of reliable energy than coal. Exporting Canadian LNG to replace coal can lower global emissions.

FOR EXAMPLE:

Canadian liquefied natural gas (LNG) has the potential to provide a cleaner alternative for power generation in countries like China as they transition

away from coal. By promoting LNG, we can support a key driver of the Canadian economy and reduce global emissions at the same time. The world will be better off with more Canadian LNG, and less Chinese coal.

Marine shipping accounts for an estimated 2.5% of total greenhouse gas emissions worldwide and as a result the International Maritime Organization has adopted a strategy to reduce greenhouse gas emissions from ships 50% by 2050. A key component of meeting this goal lies in transitioning the fleet from burning heavy bunker fuel to clean burning LNG.

There are currently no LNG bunkering facilities on the Pacific Coast of

North America. A Vancouver facility could not only support the shipping industry's transition to cleaner fuels, but it could also give Canada a first mover advantage when it comes to providing LNG to the world's shipping fleet. Building LNG bunkering facilities at the port of Vancouver would not only make it more attractive to shippers but would also grow the economy and reduce overall global emissions. We can help to get projects like this built by providing regulatory support.



The export of Canadian Clean products can displace higher emissions products.

Canada has abundant natural resources, that the world needs and wants to buy. Our production standards are amongst the best in the world, and our required investments in emissions-reducing technology will

make them even better. By promoting our cleanest resources and products and increasing our exports, we can displace dirtier foreign products with Canadian Clean products.

FOR EXAMPLE:

Canada produces aluminum more efficiently than the rest of the world. For every tonne of aluminum, the average Canadian aluminum producer emits much less than

the average Chinese producer. Furthermore, the aluminum industry is international; if we don't produce it, someone else will. It makes sense to produce aluminum in Canada to support our economy and increase the carbon-efficiency of the global supply.

Rio Tinto and Alcoa are working on breakthrough technology that would produce carbon-free aluminum smelting. This R&D facility is in the

Saguenay and the technology is expected to be ready for market in 2024.



3 Technology developed in Canada to reduce emissions can be exported to the world.

Canada is a global leader in carbon capture and sequestration technology. It has been tested and developed successfully on Canadian facilities, and now we can use that technology know-how to help the world by continuing to consult, improve and export internationally. China is one country that has shown interest in using this technology in their own facilities.

Our farmers have developed technologies that facilitate no-till or low-till farming techniques, which increases the capacity of the land

to sequester carbon. Plant science technologies have also allowed Canadian farmers to reduce their use of diesel.

Canada is already home to many emissions-reducing technologies. Our plan will generate even more by getting industry to invest in innovation, introducing the **Green Patent Credit**, and investing in the **Green Technology and Innovation Fund**. Exporting these technologies to the world is an opportunity for Canada to have a global reach on emissions reduction.

FOR EXAMPLE:

With close to 3,000 coal plants, if China fitted even just the top 100

plants with carbon capture and storage, they could eliminate more than 300 Mt of CO₂e per year – nearly half of what Canada's entire economy produces.

GREEN EXPANSION ACCELERATOR

A Conservative government, led by Andrew Scheer, will champion the expansion of Canada's cleanest industries. As mentioned, Canadian companies already produce some of the greenest products, energy, and technology in the world. We will create a competitive advantage to help these companies grow and expand into the global market.

A Real Plan to Protect Our Environment will not only help keep good-paying jobs here in Canada, but it will also create new jobs by supporting industry to replace

dirtier sources of energy around the world.

As Prime Minister, Andrew Scheer will:

- **Provide targeted accelerated capital cost allowances to industries that can be shown to reduce emissions in other countries, and to producers who can be shown to be among the least carbon-intensive in the world in their industry.**

To do this, we will set aside up to an initial \$500 million to accelerate depreciation rates. The **Green Expansion Accelerator** will be time-limited to three years to incentivize companies to invest in their expansions more urgently. Finance Canada will work with other departments, including Environment and Climate Change Canada and Natural Resources Canada, to establish criteria for the **Green Expansion Accelerator**.

EXPANDING GREEN BONDS

It can be difficult for any growing business or budding entrepreneur to raise the money needed to expand and market new products.

While the green economy presents new and exciting opportunities, this is especially true for businesses developing emissions-reducing technologies.

Green bonds are useful for providing capital for clean tech start-ups, particularly in the

early stages when companies are struggling to bring new technologies up to scale. These bonds can provide patient capital and longer-term funding, but they also allow green technology companies to leverage that financing to attract more capital from the private sector.

Export Development Canada already issues green bonds to support Canada's export trade by helping Canadian companies seize

international business opportunities and export green technologies around the world.

As Prime Minister, Andrew Scheer will:

- **Expand Export Development Canada (EDC) programs to issue more green bonds that provide financing for the development of emissions-reducing technologies.**

Charlottetown, PEI





LAUNCHING THE 'CANADIAN CLEAN' BRAND

Canada needs a federal government that is not afraid to champion clean Canadian industries and products to a world that is increasingly looking for green options. We want to give global consumers the confidence that when they purchase a product branded as 'Canadian Clean', they are getting one of the greenest products in the world.

The *Canadian Clean* brand will appeal to global customers and the standards used will be transparent to withstand international scrutiny.

As Prime Minister, Andrew Scheer will:

- ▶ Launch the 'Canadian Clean' brand for Canadian products that are the cleanest in the

world. The *Canadian Clean* brand will allow buyers in Canada and around the world to have confidence that they are getting a high-quality product that is making a difference for our environment.

ENDNOTES

¹IPCC, 2014: Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.)]. IPCC, Geneva, Switzerland, 151 pp.

²NASA.gov Earth Observatory. World of Change: Global Temperatures

³IPCC, 2014: Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.)]. IPCC, Geneva, Switzerland, 151 pp.

⁴ Canada.ca. Global Greenhouse Gas Emissions

⁵ Globalcarbonatlas.org

⁶Climatewatchdata.org. Data Explorer

⁷ Globalcarbonatlas.org

⁸Canada.ca. Pathway to meeting Canada’s 2030 target

⁹ Government of Canada. 2017. Canada’s 7th National Communication and 3rd Biennial Report. 311 pp.

¹⁰ Government of Canada. 2018. Canada’s Greenhouse Gas and Air Pollutant Emissions Projections, 2018. 95 pp.

¹¹ Sources for this data all come from official Government of Canada projections.
 2016: Canada.ca. Pathway to meeting Canada’s 2030 target
 2017: Government of Canada. 2017. Canada’s 7th National Communication and 3rd Biennial Report. 311 pp.
 2018: Government of Canada. 2018. Canada’s Greenhouse Gas and Air Pollutant Emissions Projections, 2018. 95 pp.

¹² DNV-GL. 2017. Oil and Gas Forecast to 2050. Ourenergypolicy.org.

¹³ Organization of the Petroleum Exporting Countries. 2017. World Oil Outlook 2040

¹⁴ McKinsey. 2019. Global Oil Supply and Demand Outlook.
 Snyder, J. Nov 13, 2017. Tighter building codes are Ottawa’s next climate target – and it could cost homeowners up to \$35,000. Financial Post.

¹⁵ Snyder, J. Nov 13, 2017. Tighter building codes are Ottawa’s next climate target – and it could cost homeowners up to \$35,000.

¹⁶ Canada.ca. Greenhouse Gas Emissions

¹⁷ Conference Board of Canada. 2018. Innovation, Provincial and Territorial Ranking

¹⁸ Elgie, S. and Brownlee, M. 2017. Accelerating Clean Innovation in Canada. Policy Brief, April 2017. Smart Prosperity Institute. 24 pp.

¹⁹ Fertilizercanada.ca. Nutrient Stewardship.

²⁰ Government of Canada. 2017. Health Impacts of Air Pollution in Canada: an Estimate of Premature Mortalities. 13 pp

²¹ OECD. 2017. OECD Environmental Performance Reviews: Canada. 226 pp.

