

CLEAN CANADA

PROTECTING
THE ENVIRONMENT
AND GROWING
OUR ECONOMY



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

Canada

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PROTECTING THE ENVIRONMENT AND GROWING OUR ECONOMY

Two years ago, Canada's First Ministers came together to agree on the country's first national climate plan. Clean Canada tells the story of how that plan and other actions to protect the environment are setting us on the path to a better future. It shows how people across this country are coming together, rolling up their sleeves and finding new ways to improve our health, our environment and our economy for our kids and grandkids. We're generating cleaner, renewable energy and using it to get around, heat our homes and fuel our industries – making things better, more efficient and more affordable for people.

We're also taking steps to strengthen our communities so we can stand up to the impacts of climate change. In recent years, we've seen floods from downtown Toronto to Cape Breton Island. This year, spring in Manitoba brought with it one of the worst droughts on record, sending feed prices through the roof for farmers. In Montréal, more than 50 people died from a heat wave last summer. Forest fires have devastated parts of B.C. and Alberta. And it seems like once a season we hear reference to "the storm of the century". These events are becoming more frequent, more expensive to clean up, and more devastating for Canadians. Between 1983 and 2008, insurance claims from extreme weather averaged \$400 million a year. Between 2009 and 2017, those costs quadrupled to an average of \$1.8 billion a year. We cannot just stand by and refuse to act.

Taking action on climate change will help address these growing costs. It's also the key to succeeding in the new low-carbon economy. Meeting the global challenge of climate change is an opportunity to mobilize our skilled workers, natural resources and fast-growing tech sector to fight climate change while creating good jobs and opening up new opportunities for Canadians. Because the whole world is in search of new solutions, every clean approach we develop here at home can help our businesses compete and win, building a stronger, more sustainable economy.

Compared to business as usual, bold action on climate change is expected to add at least \$26 trillion to the global economy by 2030, along with 65 million new jobs. Canada is ready to seize that opportunity and make the most of it to benefit families, communities and businesses.

Clean Canada offers a snapshot of how we're coming together to build a cleaner, healthier, more affordable future that we can be proud to have our children inherit. It includes:

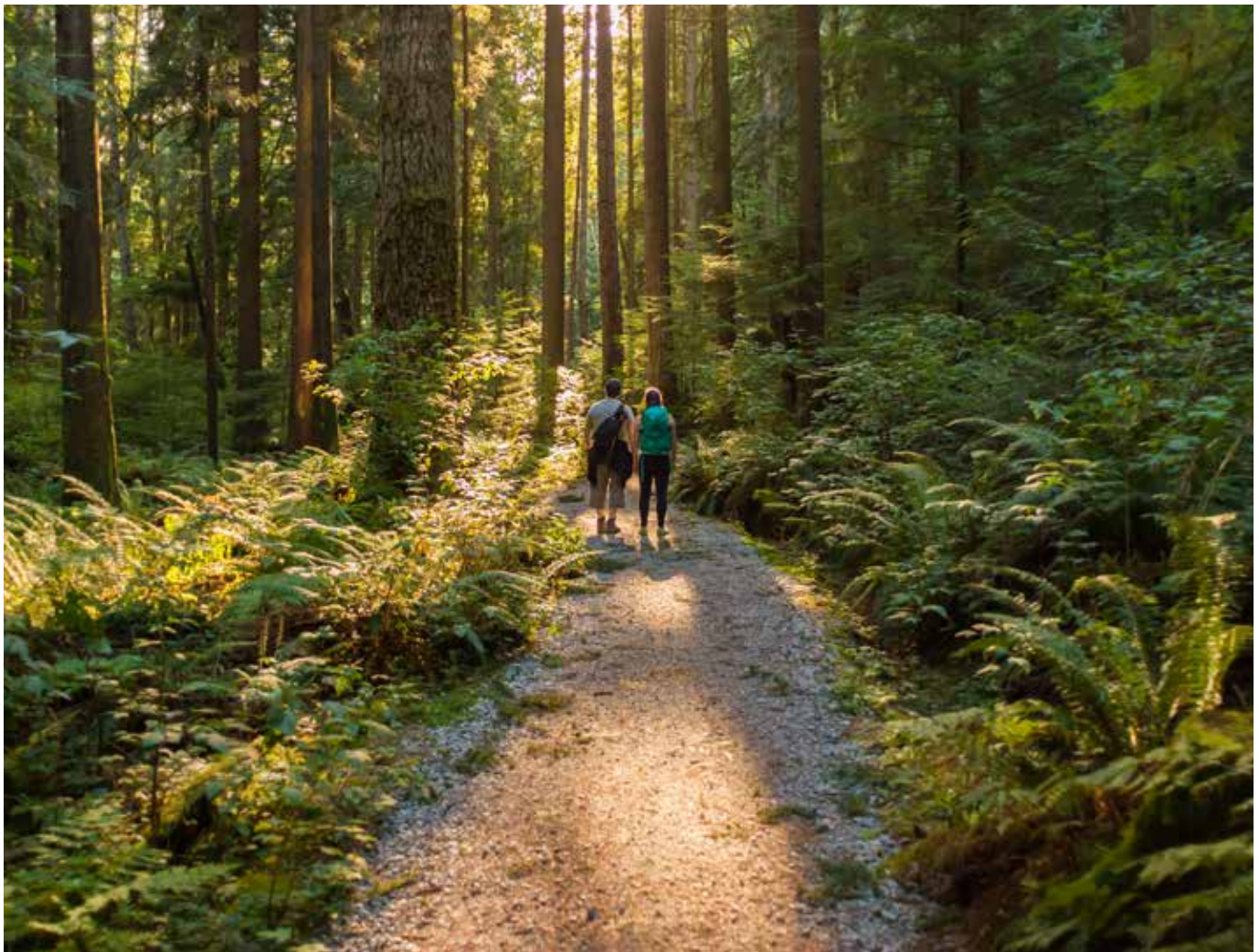
- putting a price on carbon pollution across Canada so it's no longer free to pollute
- phasing out traditional coal-fired power plants and investing in renewables
- expanding public transit across the country
- investing in energy efficiency to help families and businesses save money
- investing in made-in-Canada technologies and clean solutions
- improving building codes and standards so our homes and buildings use less energy
- finding cleaner alternatives to diesel in remote communities

- raising standards so our cars run on cleaner fuels and cost less to operate
- doubling the amount of nature we protect
- keeping plastic waste out of our environment, and

These changes will make life better and more affordable for Canadians. For example, phasing out coal means fewer problems for people with asthma and other breathing difficulties. More efficient buildings mean lower costs for heating and cooling. And, just by using cleaner fuels in our cars, we can have an impact equivalent to taking millions of vehicles off the road.

Then there's the economic impact. We are helping Canadian companies to innovate, develop new and better technologies, reduce carbon pollution, strengthen competitiveness and create jobs. And let's not forget that the global clean-growth market represents a multi-trillion dollar opportunity for the companies and countries that choose to lead it.

Clean Canada represents the combined efforts of provinces and territories, small and big businesses, cities and towns, Indigenous peoples, universities, schools and families – all working together to fight climate change, save money, create good jobs and position Canada as a leader in the clean economy of the 21st century. At its heart, it's about people, and especially our young people. We want them to know that they can look forward to a better, cleaner, healthier Canada with more jobs, less pollution and more opportunities. Our plan shows the way.



IMPROVING WHERE WE LIVE AND WORK

Imagine if every new house in Canada was so efficient it could power and heat itself. This isn't sci-fantasy – it's an attainable reality and, with growing innovation in the building sector, we're already on our way. Building better structures puts people to work. And building owners and residents save money in the long run. We also get the benefits of cutting edge technologies, including better indoor air, higher resale values and lower environmental impacts. Here's what we're doing to bring those benefits to more families and communities:

\$1 = \$5

**FOR EVERY \$1 INVESTED IN
ENERGY EFFICIENCY PROGRAMS
CANADIANS SAVE UP TO \$5**

BUILDING BETTER

- Working with provinces and territories to improve building codes and make “net-zero-energy ready” the standard for all new construction by 2030.

MAKING EXISTING BUILDINGS CLEANER AND MORE EFFICIENT

- Households and businesses across the country are accessing rebates and incentives to offset the cost of energy retrofits. 268 programs are available, in every province and territory, helping people save money while reducing their environmental impact. For example, New Brunswick's Total Home Energy Savings Program offers custom advice and thousands of dollars in support for homeowners.
- We're investing in social housing upgrades, improving energy efficiency by at least 25%.
- We're also working to phase-down HFCs, which are greenhouse gases used in appliances such as fridges and air conditioners. Tonne for tonne, they're thousands of times more potent than carbon dioxide.
- Canada is committed to leading by example on greening government operations and delivering a low-carbon, clean-growth economy.
- We will reduce plastic waste by reducing the use of single-use plastics, including straws, utensils, bags and bottles, in government operations.
- We will also increase the reuse and recycling of plastic in government operations, buy more products made from recycled plastics, and reduce packaging waste.

Nova Scotia-based **Carbon Cure** is creating jobs and reducing carbon pollution by capturing emissions from industrial plants and plugging the carbon into concrete to make it stronger and greener. Its world-leading technology is being used by over 100 plants across North America, including a concrete supplier for California's \$64-billion High Speed Rail project.

Mohawk College in Hamilton has commissioned Canada's largest net-zero-energy institutional building. The 96,000-square-foot Joyce Centre for Partnership & Innovation will be heated and powered by geo-exchange wells and solar panels. It's been chosen as a national pilot project for the Canada Green Building Council, demonstrating its new net-zero energy carbon standard.




WORKING TOGETHER


- Canada's Build Smart strategy combines the efforts of federal, provincial and territorial governments to make our homes and buildings more efficient. It's designed to ensure that, by 2030, all Canadians will be saving on energy costs and enjoying better buildings.

MAKING ELECTRICITY CLEANER + INVESTING IN RENEWABLES

- We're phasing out traditional coal-fired power plants by 2030 and working with affected families, communities and businesses to help them with the transition to a cleaner economy.
- We're also supporting off-grid communities to switch from diesel to cleaner sources of heat and power like biomass and solar.
- 2030, our goal is that 90% of the electricity we generate will be from clean sources.



90%
CANADIAN TARGET
FOR CLEAN ELECTRICITY



12.8 MILLION TONNES
CUT IN CARBON POLLUTION FROM
PHASING OUT COAL POWER

Nunavut launched the **Net Metering Program** in April 2018 to encourage residential renewable energy systems installation. Nunavut's Qulliq Energy Corporation partnered with Yukon College to analyze renewable energy possibilities within existing power plants.

Saskatchewan's **First Nations Power Authority** helps Indigenous people get involved in the energy sector. It provides knowledge, expertise and links between the industry and Indigenous businesses, creating opportunities for investment, employment and sustainable development in Indigenous communities.

GETTING AROUND

More and more Canadians are choosing cleaner transportation. Between 1996 and 2016, the number of people taking transit to work increased by about 60 per cent. So did the number of commuters cycling, and interest in zero-emission vehicles is growing. These choices save energy and money while protecting the environment. And building clean transportation networks brings good jobs and economic growth. That's why we're focusing on finding faster, cheaper, cleaner ways to get where we're going.

CLEANER FUELS AND CLEANER VEHICLES

- Canada's new Clean Fuel Standard will cut 30 million tonnes of pollution every year by 2030. That's the equivalent of taking seven million cars off the road.
- We strengthened emissions standards so that heavy-duty vehicles like trucks will pollute up to 25% less.

MORE SUPPORT FOR TRANSIT AND ELECTRIC VEHICLES

- We're working with cities and communities to expand public transit networks with more than 1,100 new projects nationwide.
- More than 1,000 new electric-vehicle charging stations will make zero-emissions travel more convenient and reliable.
- We're investing in new light-rail transit systems for Canadian cities. Calgary's Green Line will create more than 20,000 jobs, while Ottawa's system will result in the single greatest reduction of carbon pollution in the city's history.

New Brunswick is the first fully connected province, with a fast charging network for electric vehicles spanning over 19 communities. New Brunswick installed 49 public charging stations in partnership with the Government of Canada and is adding 12 more chargers in provincial parks and historic sites in 2018. New Brunswick is also the fastest growing electric vehicle market in the country with a 124% year-over-year increase. The New Brunswick Government has also invested in electric school buses and electric vehicles for government travel.

Quebec's **Agrisoma** turns the oil from a mustard-like seed called *carinata* into a powerful biofuel, used by Qantas Airlines for the first-ever commercial flight between the U.S. and Australia powered by a bio-based fuel. Bio-based jet fuels like Agrisoma's could reduce emissions from air travel by up to 77 per cent.

Over the next 25 years, electric vehicles will become a key mode of transportation—making our cities healthier and less polluted. Winnipeg's **New Flyer Industries** makes electric buses that run smoothly and quietly and with zero emissions. And the company is creating good middle-class jobs. Innovative companies, like New Flyer Industries, are creating jobs and helping build our green economy through clean transportation.

CREATING JOBS AND ECONOMIC GROWTH

Along with our actions for fighting climate change, Clean Canada serves as a blueprint for building our economy. The same innovations that reduce emissions and improve our quality of life can drive economic growth and help our companies compete and win in the new low-carbon economy.

HELPING SMALL AND MEDIUM BUSINESS

- We reduced the small business tax rate to 9%, beginning in 2019, giving our small businesses the lowest combined average tax rate in the G7.
- We're helping businesses improve energy efficiency and lower energy costs through the \$2-billion Low Carbon Economy Fund.
- We're investing in Canada's farmers, including support for the adoption of clean technologies like precision agriculture.
- In provinces where the federal price on pollution applies, we're committed to helping smaller businesses save money and stay competitive



SUPPORT FOR CLEAN TECH

- Our new procurement policy gives emerging technology companies a foothold in the marketplace by having the federal government be their first customer.
- We're providing financing and other help to companies – so we can all benefit from new innovations that cut pollution, create jobs and encourage energy savings.
- New international trade deals such as the new NAFTA, CETA and CPTPP highlight clean technologies, products and services to help our made-in-Canada industry grow; in 2016 our clean tech exports were valued at \$7.8 billion.
- Business owners can now write off the full cost of new clean energy equipment immediately.

In 2018, Newfoundland and Labrador provided \$235,000 in funding to support the **SmartICE** Sea Ice Monitoring and Information project. Through this investment, SmartICE will commercialize its SmartBUOY prototype instrumentation for measuring sea-ice thickness and establish a technology production centre in Nain to be operated by trained Inuit youth.

Enerkem Alberta Biofuels in Edmonton is the world's first major collaboration between a large city and an innovative waste-to-biofuels producer. Every year it turns about 100,000 tonnes of household waste into millions of litres of ethanol and methanol. That ingenuity led to a \$125-million deal to bring Enerkem's technology to China.

CLEANER INDUSTRY

- Provinces, territories, communities, businesses and non-profits are tapping into the Low Carbon Economy Fund for projects that reduce greenhouse gas emissions and grow the economy.
- The oil and gas sector is working to cut methane emissions nearly in half as companies find cleaner ways to run their operations.



\$26 TRILLION

**VALUE OF THE CLEAN ECONOMY
GLOBALLY IN 2030**

Ontario-based **VeriForm**, a steel fabricator, earned \$135,000 in annual energy savings by investing in simple retrofits like smart thermostats and automated receiving doors. The company's greenhouse gas emissions fell by 77% and the energy savings made it more competitive, allowing it to boost its workforce by 25%.

Manitoba's **Farmers Edge** is developing technology that helps farmers find fuel and resource savings through easy-access data and analytics. The company's "precision agriculture" platform has earned it tens of millions in investment, customers on almost every continent, and the prospect of reducing carbon pollution from the agricultural sector worldwide.



PROTECTING NATURE



Plastic waste is a growing problem in our environment. Apart from polluting, it's a waste of a valuable resource. We want to keep plastic in the economy, where it belongs, but out of the environment. We're also moving forward with new programs to help ensure that future generations can enjoy and benefit from nature and the great outdoors.

PROTECTING OUR LANDS AND OCEANS

- We're doubling the amount of protected nature in Canada's lands and oceans, helping to preserve our unique environmental heritage and keep carbon out of the atmosphere.
- We're finalizing Canada's largest marine conservation area in **Tallurutiup Imanga/Lancaster Sound** in Nunavut.
- We enhanced the protection of the Greater Toronto Area's **Rouge National Urban Park**, which became Canada's first national urban park in 2017.

KEEPING PLASTIC OUT OF THE ENVIRONMENT

- We're working with provinces and territories to develop Canada's first-ever national plan to eliminate plastic waste, which will help clean up our communities and waterways.
- A national plan to eliminate plastic waste will help clean up our lands and waterways.
- We passed regulations to prohibit plastic microbead-containing toiletries, such as bath and body products, skin cleansers and toothpaste. Prohibitions started on July 1, 2018, with a complete ban by July 1, 2019.

The **Edézhíe** region in Northwest Territories was declared an Indigenous Protected Area in 2018, thanks to a partnership between the Dehcho First Nation and the Government of Canada. The step preserves lands, waters and wildlife that are integral to the Dehcho while contributing to Canada's target of doubling the amount of nature protected in our lands and oceans.

PUTTING A PRICE ON CARBON POLLUTION



“I refuse to leave this problem to be dealt with by some other person at some other time. We have to deliver a safer, healthier, more prosperous future for Canadians and their families. We can, and we will.”

-Prime Minister Justin Trudeau

- Starting next year, it will no longer be free to pollute, anywhere in Canada. There will be a price on the carbon pollution that causes climate change, from coast to coast to coast.
- In Ontario, Manitoba, New Brunswick and Saskatchewan, we will send a Climate Action Incentive directly to Canadians, to help them adjust to an economy in which carbon pollution is no longer free.
- Most families will get back more than they pay. And there will be a 10% top up for people in small, rural, and remote communities.
- Through this plan, we will also increase our support for small and medium sized businesses, municipalities, universities, schools, hospitals, non-profit organizations, and Indigenous communities - helping the environment, creating jobs, and strengthening local economies.

HELPING COMMUNITIES ADAPT

Even as we work to fight climate change, Canadians are feeling its impacts. For example, in the last decade, insurance claims related to severe weather in Canada have averaged \$1.8 billion a year – four times higher than in 2008. Every dollar invested in preparing for the impacts of climate change saves up to 40 dollars, not to mention the benefits to our health. So we're taking action to help our country and communities adapt and prepare for what's ahead. That includes:

- a new Canadian Centre for Climate Services, giving everyone better access to climate science and information.
- a Climate Lens to ensure that future climate impacts are considered and addressed in federally funded infrastructure projects.
- a \$2 billion Disaster Mitigation and Adaptation Fund to help communities manage risks and prevent disasters.
- stronger codes and standards to ensure that the buildings and infrastructure of the future can withstand the impacts of climate change.

We're also working with Indigenous communities to better understand our changing climate through the Indigenous Community Based Climate Monitoring Program. It's one more example of how strong partnerships can benefit all people and our future.

WORKING TOGETHER GLOBALLY

In the 1980s, Canada played a key role in developing the Montreal Protocol to phase out the use of chemicals depleting the ozone layer. Now, as part of the same agreement, we're joining other countries to phase-down the use of HFCs – greenhouse gases with thousands of times the impact of carbon dioxide. We've also made a difference by:

- Partnering with China and the European Union to convene the Ministerial on climate action to advance progress on the Paris climate change agreement.
- Partnering with the UK to build an international alliance for phasing out coal.
- Hosting an international conference for women leading the fight against climate change.
- Championing the Gender Action Plan, which aims to bring more women to the climate change negotiating table, as well as the local communities and Indigenous Peoples Platform.
- Making sure environmental protections are included in all new trade agreements.
- Working with other countries at the 2018 UN climate summit to agree to a set of rules for implementing the Paris Agreement.

Summerside, P.E.I. is using smart technologies to make the most efficient use of its various power sources. The city gets almost half its energy from wind. It also uses solar power as well as more conventional fuels. Smart technology is expected to improve the city's grid efficiency by up to 20 per cent.

MEASURING OUR PROGRESS



Every year, we're issuing a progress report so Canadians can see how our climate commitments are translating into action. The federal, provincial and territorial governments report together so all the results are in one place. Our second annual progress report was released in December, 2018 and we will continue to engage with Canadians to help ensure we stay on track. As new ideas and findings emerge, we will adjust our plans with an eye to continual improvement – so people can see results and realize the benefits sooner.

Governments have collaborated with Indigenous Peoples as they move toward more efficient new building standards. In spring 2018, the National Research Council began consultations with stakeholders, including the First Nations National Building Officials Association, on the development of a guide that will leverage Traditional Knowledge and support sustainable housing on reserves. **British Columbia** is working on a pilot with the **Heiltsuk First Nations** in Bella Bella to install air-source heat pumps in homes that are currently using oil for heating.

New initiatives launched by governments this year support access to financing and skill development for clean technology producers. The Government of Canada and Yukon College collaborated to launch the **Yukon Innovation Hub**, bringing together entrepreneurs, business advisory support services and Yukon College under one roof.

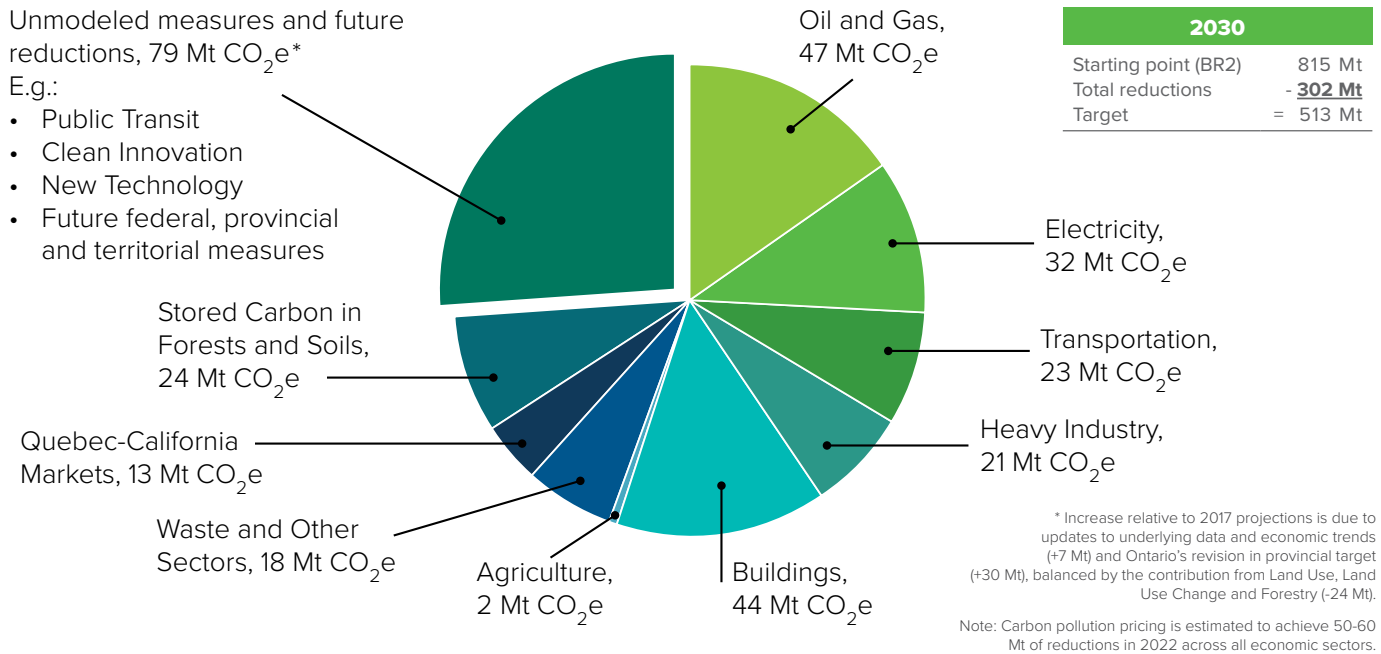
REDUCTIONS TO ACHIEVE 2030 TARGET

The concrete actions we are taking with partners across Canada to improve the buildings we live and work in, to build cleaner transportation systems, support new technologies in our industries, and create new jobs and economic growth have put us on a path to achieve our 2030 climate target. These measures will result in a historic level of emission reductions. Through ongoing collaboration with provinces, territories, municipalities, Indigenous peoples, and businesses we will continue to improve on our plan and capture the emerging opportunities in technology and innovation.

Unmodeled measures and future reductions, 79 Mt CO₂e*

E.g.:

- Public Transit
- Clean Innovation
- New Technology
- Future federal, provincial and territorial measures



Transparent reporting on how our climate plan is reducing emissions is very important, but every model has limitations in how well it can predict the future. We are witnessing a rapid evolution of technologies that will reduce pollution through the economy. We do know that our actions are working and that we will achieve our 2030 goals through these and future emission reduction opportunities including:

- Strategic investments in innovation;
- Current and future investments in clean technology;
- Investments in public transit;
- Green procurement by governments;
- Changes in vehicle fuel efficiency standards and consumer uptake of zero emission vehicles;
- Actions to tackle plastic waste and improve recycling efficiencies;
- Nature conservation efforts including our commitment to double our protected areas;
- Provincial and territorial actions, such as through the recent Clean BC Plan; and
- Additional measures through the Advisory Committee on Climate Action.

Every year we will report on our progress and provide a transparent update on how our existing and new actions to reduce pollution and grow the economy are working for all Canadians. In order to be successful and create the future we want for our kids and grandkids, we will have to work together and continuously improve our Clean Canada plan.

NEXT STEPS

Clean Canada sets the stage for a cleaner, healthier future with the largest emission reductions in our history. It puts us on a path to a stronger, more sustainable economy and shows how we'll meet our targets as part of the global Paris Agreement.

Key steps forward in 2019 will include areas such as cleaner fuels, renewable energy projects and investing energy efficiency and clean technology to create real benefits for people, including good jobs, more convenient ways to get to work, healthier air and cleaner water, and lower costs to heat our homes and businesses.

We still have lots of work to do. We know we will face new challenges. But this is a once-in-a-lifetime opportunity – not just to save the planet but to build a better quality of life and take full advantage of the fast-growing market for new ideas, technologies and products. Canadians have what it takes to win in a cleaner future. We're building the future our children deserve, so they can look forward with confidence. Together, we're bringing that future to life.



CLEAN CANADA by sector

Improving Where We Live and Work

Net-zero ready buildings

- New model building codes being developed with provinces and territories for net-zero-energy ready buildings that use less energy

Building retrofits

- Supporting provincial and territorial energy efficiency programs via the Low Carbon Economy Fund
- Working with provinces and territories to develop building energy performance labels and retrofit codes for building renovations

Improved technologies and design

- \$64 million for research and development to further advance energy efficient building
- Efficient Buildings Program launched in 2018 will increase energy efficiency with improvements to design, renovation and construction

Better equipment

- Major updates to the *Energy Efficiency Regulations* will make dozens of products use less energy, such as household appliances and heaters
- Additional standards will make heating equipment and other key technologies as efficient as possible

Phasing out coal-fired electricity

- Regulations to phase out traditional coal-fired electricity by 2030 and set performance standards for new and significantly modified natural gas-fired power plants

Helping remote communities

- \$273 million in direct funding to help remote communities replace diesel with cleaner fuels for heat and power

Emerging renewables and the smart grid

- \$200 million to expand our access to new types of renewable energy, through the Emerging Renewable Power Program
- \$100 million for next-generation smart grid, energy storage, and clean electricity technology demonstration and deployment projects
- \$20M Power Forward Challenge, in partnership with the UK, to make power grids more flexible, stable and reliable

Getting Around

- | | |
|--|---|
| Cleaner fuels | <ul style="list-style-type: none"> • Clean Fuel Standard to reduce pollution from all fuels, including gasoline and diesel |
| Public and active transit | <ul style="list-style-type: none"> • Over 1,000 public transit infrastructure projects funded in communities across Canada |
| Charging and fueling infrastructure | <ul style="list-style-type: none"> • Over 1,000 new electric-vehicle charging stations, plus natural gas and hydrogen refueling stations • Commitment to support a coast-to-coast network for clean, zero-emission vehicles on the national highway system. |
| More efficient vehicles | <ul style="list-style-type: none"> • Regulations for cars and trucks are driving continuous improvements in efficiency • Additional standards are being developed for off-road vehicles and on fuel-efficient tires |
| Zero-Emission Vehicles | <ul style="list-style-type: none"> • Canada-wide Zero-Emission Vehicle (ZEV) Strategy coming soon to get more clean vehicles on our roads |

Creating Jobs and Economic Growth

- | | |
|--|--|
| Clean technology research and development | <ul style="list-style-type: none"> • Over \$2.3 billion for hundreds of clean technology projects, from early-stage development to commercialization and export • People can apply for funding from a range of sources, including the Energy Innovation Program, the Clean Growth Program and the Impact Canada Initiative • Commitment to double federal clean energy research and development as part of the global Mission Innovation project • Clean Growth Hub created as a one-stop-shop to help clean technology innovators get the federal support they need |
| Support for business | <ul style="list-style-type: none"> • Accelerated capital cost allowance to encourage Canadian businesses to invest in clean energy equipment • Lower small business tax rate • Funding for projects to use less energy, through the Low Carbon Economy Challenge Fund |

Supporting workers and communities

- A federal task force visited communities and coal mines in 2018, to hear from people affected by the coal phase-out and recommend new supports for coal workers and communities.
 - \$35 million has already been committed to skills development and creating new economic opportunities in affected communities
-

Reducing methane emissions

- Final regulations to reduce methane pollution from the oil and gas sector were published in April 2018
-

Improving industrial energy efficiency

- Supporting industry efforts to adopt and implement energy management systems to help them save energy
 - \$450 million Low Carbon Economy Challenge Fund is open to projects that reduce carbon pollution, including industrial energy efficiency and changes to the way products are made
-

Research and development

- Projects are underway through the Oil and Gas Clean Technology Program and the Energy Innovation Program
-

Protecting Nature

Increasing stored carbon

- Doubling the amount of nature protected in Canada's lands and oceans
 - Creating the Canada Nature Fund to protect our ecosystems, landscapes and biodiversity
 - Working with provinces and territories to fund reforestation projects via the Low Carbon Economy Fund
 - Farm stewardship and research programs through the Canadian Agricultural Partnership
-

Using more wood in construction

- Support for demonstration projects under the Green Construction through Wood Program
-

Generating bioenergy and bioproducts

- Research and development funding through the Canadian Agricultural Partnership and the Agricultural Clean Technology Program
 - Support for bioheat projects in remote and rural communities
-

Plastics strategy

- Working with provinces and territories on a national plan to eliminate plastic waste
-

Putting a Price on Carbon Pollution

Pricing Carbon Pollution

- Parliament passed the *Greenhouse Gas Pollution Pricing Act* in June 2018
- Further details were announced in October 2018, including how direct proceeds will be returned to Canadians
- Draft regulations for large industry were published for public comment as well as key information about implementation

Helping Communities Adapt

Providing authoritative climate information

- Canadian Centre for Climate Services (CCCS) launched in October 2018
- Work with Indigenous Peoples underway to understand climate change and respectfully include Traditional and Indigenous knowledge in adaptation planning

Building resilience through infrastructure

- \$2B Disaster Mitigation and Adaptation Fund to protect our built and natural infrastructure
- Climate lens applied to all federally-funded infrastructure projects over \$10 million to ensure they plan for climate change
- Developing climate-resilient codes and standards for the buildings and infrastructure of the future

Protecting human health and wellbeing

- Developing a harmonized heat warning system with public health officials in multiple provinces
- Infectious Diseases and Climate Change Fund, launched in 2017, supports adaptation and resilience to emerging health risks, like Lyme disease

Supporting particularly vulnerable regions

- Developing a Northern Adaptation Strategy with provinces and territories
- Northern Transportation Adaptation Initiative is providing funds to strengthen northern infrastructure