

CANADIAN
CLIMATE
INSTITUTE



L'INSTITUT
CLIMATIQUE
DU CANADA

Annual • Impact Report 2023–2024

Who we are

The Canadian Climate Institute is Canada's leading climate change policy research organization. We produce rigorous analysis, economic modelling, and in-depth research focused on three main priorities:

- Incentivizing **clean economic growth** and low-carbon competitiveness,
- Reducing emissions and **accelerating Canada's net zero energy transition**
- **Making our economy and infrastructure more resilient** to a warming climate.

The strength of our work is rooted in our independence, in the diversity and depth of our staff, board, expert panels, and advisors. We ground our research in real-world perspectives and bring our research alive through robust government relations, stakeholder and Indigenous rights holder engagement, and impactful communications approaches.

Our vision

Canadians acting together on climate solutions in order to foster resilient communities, prosperous economies, and more just societies—sustainable for generations to come.

Our mission

We help shape sound public policies that enable all Canadians to thrive in the face of climate change and advance a net zero future.

Message from the chair:

● Peter Nicholson

*The case for evidence-based climate action
has never been stronger*



Since its official launch in January 2020, the Canadian Climate Institute has established a reputation as Canada's go-to source for rigorous climate policy analysis, insight, and solutions.

That work is increasingly important, as the consequences of climate change—and the huge environmental and economic toll it exacts—are becoming more visible. Last year was the hottest year globally on record, while enormously destructive wildfires and floods cost Canadians billions of dollars.

There are other excellent organizations working in this space, but I think we bring a unique combination of characteristics. We are independent and non-partisan. As our reports and analysis make clear, we are driven by evidence. And as a truly national, virtual organization we have benefited from the ability to recruit the best and brightest from across the country, while our diverse Board of Directors, Expert Panels and Council of Advisors expand the range of perspectives that help to inform our work.

Having these “feet on the street”—from the West Coast, to the Yukon,

to the Prairies, Quebec, and the Maritimes—gives us better insight into how climate issues are experienced and perceived in different regions. At the same time, it allows us to regularly meet face to face with decision makers, corporate leaders, Indigenous rights holders and other stakeholders across the country.

It's clear that mitigating climate change, adapting to it, and doing both in a way that maximizes societal and economic benefits are more urgent priorities than ever. As our research has found, the costs of inaction far outweigh the costs of action. The longer we collectively delay taking the necessary steps to limit climate overheating, the more we'll need to spend to repair what extreme weather destroys and to shore up our infrastructure to prevent the next catastrophe.

At the same time, the Institute's research shows that investing in climate measures today will make life more affordable for Canadians. Moreover, the transition to clean energy presents a tremendous economic opportunity. Much of the world is going full-bore on

renewable energy. That's creating demand for all kinds of raw materials for the low-carbon economy that Canada is well positioned to provide, including critical minerals for batteries, solar panels, and wind turbines.

Making progress on climate change is not a one-shot endeavour. It requires ambition and a sustained commitment to do what's needed to protect the future prosperity of Canadians. And it can't wait. Each day we fail to curtail greenhouse gases, those emissions are going into the atmosphere—where they'll stay for the next thousand years.

Canada has begun making progress. Now is the time to redouble these efforts, and I'm proud of the Institute's unique role in identifying the best ways to do that.

My thanks to our tremendous staff, Board, Expert Panels, and Council of Advisors for their sterling work in getting us to this point. I look forward to even greater achievements in the coming years.

Peter Nicholson, Chair

Message from the president: Rick Smith

A year of peril and progress



When I look back, 2023 is the year when climate change really hit home for many people across the country. In previous years, extreme weather events—though terrible—were sporadic and regional. But 2023 brought consistent and widespread disasters for months on end.

Extreme floods wreaked havoc, as did wildfires, and some places were flooding and on fire at the same time. Because smoke doesn't respect borders, people hundreds of kilometres away were impacted by fires in other countries. And from east to west and north to south in this big, complicated country, many communities were impacted by extreme heat, floods, and fires in unprecedented ways.

Our research and analysis has warned of the high cost of climate change for Canadians. This year, those costs took on a scary new reality. They included nearly \$1 billion to fight fires in B.C., another \$1 billion in health costs from a single week of wildfire smoke in Ontario, and \$170 million in damage from a one-day atmospheric river in Nova Scotia. Home insurance costs are going up and up—or properties are simply

being declared uninsurable.

It's grim news. But while Canada faced many perils from a dangerously warming climate this year, it also made a great deal of progress. Many major policy pieces moved forward in 2023, including the Clean Fuel Regulations, updates to carbon pricing systems, and draft Clean Electricity Regulations. Meanwhile, the National Adaptation Strategy was finalized, providing essential guidance on how to protect Canadians from the effects of an increasingly volatile climate.

Another big deal last year were the draft regulations to reduce methane emissions from the upstream oil and gas sector. They served as an important stepping stone to the regulatory framework for the oil and gas sector emissions cap, which outlined an approach that is both reasonable and necessary. Finally, new zero-emissions vehicle regulations promise to help clean Canada's air and help Canadians go electric—as most want to do—when they buy their next vehicle.

These are big steps. But will it help reduce emissions? The answer is yes—as the Canadian Climate Institute's independent analysis of the

government's 2023 Progress Report on the Emissions Reduction Plan shows. Our research concludes that current policies are working, and that Canada is on track to achieve between 85 and 90 per cent of its 2030 emissions target.

Early in 2024, our 440 Megatonnes team released a first-of-its-kind analysis showing how various climate policies in Canada are driving down emissions. It found that, by 2030, all existing climate policies in Canada combined will prevent 226 megatonnes of carbon pollution—roughly equal to the current total annual emissions of Ontario and Quebec.

There is more work ahead, but progress has been measurable. And in the face of floods, fires, storms, and deadly heat waves, it's important to hold on to hope. We have the solutions we need to prevent runaway climate change while prospering from the energy transition.

Now every order of government needs to keep the momentum going, moving new and existing policies from proposals and drafts to legislation, without delay.

Rick Smith, President

Partners and supporters

The Climate Institute is non-partisan, independently governed, and a registered Canadian charity. Our work is made possible through the financial support of **Environment and Climate Change Canada**, and the generous support of **Loblaw Companies Limited**, the **Trottier Family Foundation**, **Ottawa Community Foundation**, **Rosutec Charitable Foundation**, and the **WCPD Foundation**.

We would like to also thank the organizations who sponsor the numerous events we hold throughout the year including: B.C. Centre for Innovation and Clean Energy, Climate Proof Canada, Export Development Canada, Insurance Bureau of Canada, Pomerleau, Scotiabank, The Co-operators Group Limited, Trottier Family Foundation, Ottawa Community Foundation, Rosutec Charitable Foundation, and WCPD Foundation.

While we are proud to work with a variety of partners and funders on specific initiatives, the Institute's staff develop and execute our major research projects independently from start to finish. We retain full control of our research priorities, methods, results, conclusions and external communications, regardless of the source of funding.

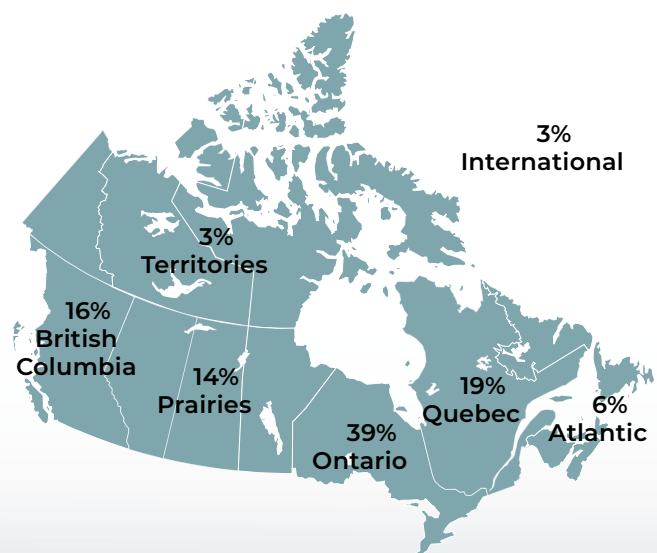
By the numbers

Financial snapshot



\$8.5M annual operating budget

Regional representation



The Canadian Climate Institute aims to ensure a diversity of regional perspectives is reflected within its staff, Board, Expert Panels, and Council of Advisors.

● Our impact (2023-2024)



730,360
Website
page views

28,000
Social media
followers



5,600
Institute mentions
in the media



4,900
Report
downloads



16,000+
Newsletter
subscribers



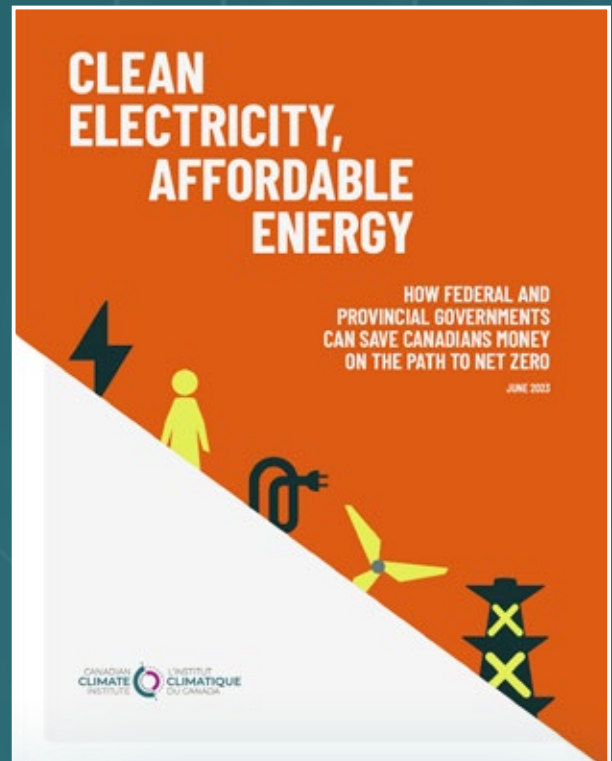
~70
Blogs and
op-eds
published

~3,700
Participants
in events and
webinars



~60
Webinars hosted
or participated
in by staff

• Reports



● Scoping papers



Canada's oil and gas sector,
the road to net zero and
regional fairness



Fueling the oil and gas
transition with Canada's
climate investment taxonomy



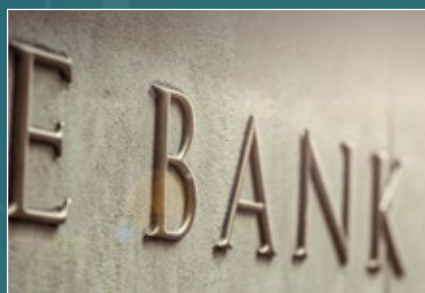
How to set up
the Canada Growth
Fund for success



Expediting clean energy
facilities in Canada:
A framework for new
fast-track permitting



Turning the tide
on flood risks



Mobilizing private capital
for climate adaptation
infrastructure



How circularity can
contribute to emissions
reductions in Canada



Streamlining clean growth
project approvals with strate-
gic assessments



Recommendations for
a more practical
Standardized Climate
Scenario Exercise

Climate Institute case studies



Hydrogen tax credits in the U.S.
Inflation Reduction Act



The United Kingdom's
contracts for difference policy
for renewable electricity
generation



Permitting reform for clean
energy projects in New York
and California



Hybrid heat in Quebec: Energir
and Hydro-Quebec's collab-
oration on building heat
decarbonization



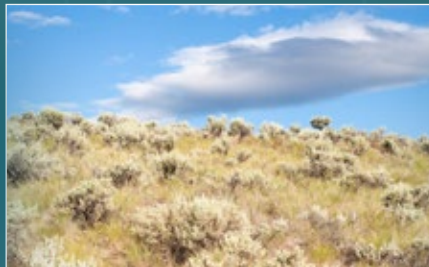
Heat pumps are hot in the
Maritimes

Indigenous Perspectives case studies



Community is the solution

*Lilia Yumagulova, Emily Dicken, Patrick
Michell, Sheri Lysons, Casey Gabriel,
Randy Carpenter*



Hope flows from action: Rebuilding with resilient foundations in B.C.'s Fraser Canyon region

Patrick Michell



The power of Acimowin (Storytelling) for climate change policy

Sandra Lamouche

Events and convening

By hosting and attending marquee events in 2023-24, the Climate Institute brought our research insights to decision makers, catalyzed policy discussions, and advanced solutions to accelerate climate progress.



Building Momentum Toward Net Zero

**Annual National Conference, Ottawa
November 9, 2023**

This year, our annual national climate conference was bigger than ever. More than 2,500 participants gathered in-person and online for Building Momentum Toward Net Zero, co-hosted by the Canadian Climate Institute and the federal Net-Zero Advisory Body.

The conference featured a lineup of prominent speakers, including federal and provincial ministers, industry leaders, and Indigenous representatives. Panel discussions ranged from greening buildings to output-based pricing systems, while keynote speakers Geoffrey Pyatt, the U.S. Assistant Secretary of State for Energy Resources, and Corinne Le Quéré, Chair of France's High Council on Climate, provided international perspectives.



Geoffrey R. Pyatt, Assistant Secretary for Energy Resources, U.S. Department of State, speaks with Sean Speer, Editor-at-large, The Hub. Credit: David Chan



COP28 International Climate Conference

**United Arab Emirates
November 30–December 13, 2023**

Canadian Climate Institute representatives joined approximately 85,000 participants at the UN's annual climate change conference in Dubai. Institute staff participated in various panel discussions, stakeholder meetings and media events to share the Climate Institute's expertise on climate policy, and co-hosted a reception with the Net-Zero Advisory Body to convene fellow climate leaders, organizations and delegates focused on advancing climate solutions.



GLOBE Forum 24: Reaching Destination Net Zero

**Vancouver
February 13–14, 2024**

In 2024, organizers of the GLOBE Forum—North America's longest-running sustainability conference—invited the Climate Institute to present the Reaching Destination Net Zero program track, with generous support from the Trottier Family Foundation. Our staff took part in a variety of sessions focused on the most effective policy steps Canada can take to reach net zero. Sessions included an interactive discussion on innovative solutions to address poor quality homes in Indigenous communities across Canada, (inspired by the Healthy Energy Homes project, co-led by Indigenous Clean Energy and the Canadian Climate Institute—*pictured above*). Climate Institute president Rick Smith also moderated a plenary on the conference main stage that focused on climate-proofing Canadian homes, featuring the Hon. Sean Fraser, Minister of Housing, Infrastructure, and Communities and Celyeste Power, CEO of the Insurance Bureau of Canada.

● Engaging webinars

Over the past year, more than 1,200 people attended Climate Institute webinars packed with policy insights. These included:

- **Understanding Canada's National Adaptation Strategy** (April 2023)
- **Bigger, Cleaner, Smarter—and Faster: Accelerating clean electricity projects in Canada** (June 2023)
- **Indigenous Perspectives Roundtable** (June 2023)
- **How Heat Pumps Pay Off: Comparing the costs of heating and cooling options across Canada** (September 2023)

Keeping communities safe from climate-related threats

By accelerating the implementation of adaptation strategies, governments at all levels can protect people, communities, and the economy from the growing threats of flooding, wildfires, and extreme weather.

The past year brought unprecedented wildfires, devastating flooding, and worsening drought conditions across Canada—all of which resulted in significant financial costs. In 2023, fighting B.C.'s wildfires cost the provincial government \$1 billion. In Ontario, noxious smoke created an estimated \$1.3 billion in health costs in a single week. Flash flooding in Nova Scotia caused \$170 million in insured losses alone. Then there were the human costs, with over 200,000 people across the country under evacuation orders at some point in the year.

The release of the federal government's final National Adaptation Strategy in June 2023 is an important step. But as **our analysis** concludes, translating this ambitious, high-level strategy into results requires three things: concrete action and funding; coordination within and across governments; and tracking, accountability, and continuous improvement.

During the past year, the Institute also conducted in-depth evaluations of specific adaptation topics.

In June 2023, we published **The Case for Adapting to Extreme Heat**, analyzing the costs of the 2021 B.C. heat wave. In it, we recommend measures that governments in B.C. and across Canada can take to reduce the impact and costs of similar events in the future, from updating building codes and occupational standards to making critical infrastructure like roads and electricity grids more heat resilient.

We also released two new case studies examining the devastating heat wave from Indigenous perspectives (see page 16).

Meanwhile, **Turning the Tide**, released in January 2024, looks at how flood damage to homes and buildings in Canada could increase ten-fold by the end of the century, costing as much as \$13.6 billion annually. Better flood risk mapping and disclosure will inform better decisions and send market signals to ultimately reduce flood-related risk. However, those market signals can create disproportionate and inequitable impacts on equity-deserving people. Our analysis explores what governments can do to help ease those impacts.





Tracking Canada's climate policy progress

Canada has committed to reducing annual greenhouse gas emissions to a maximum of 440 megatonnes by 2030—and the country is making progress. But our analysis reveals that to reach that target, policy implementation needs to accelerate.

One of the Canadian Climate Institute's crucial roles is providing independent analysis of Canada's plans to reduce its emissions.

In 2023, our team at 440 Megatonnes published their second **Early Estimate of National Emissions**. Compiling official emissions data for Canada's National Inventory Report takes the federal government more than a year. That lag makes it more difficult to correct course if the data shows that efforts to reduce emissions are falling short. The Climate Institute's Early Estimate provides an independent indicator of emissions trends eight months ahead of the federal government's report.

Our early estimate for 2022, published in September 2023, revealed carbon policies and technology deployment are making a significant impact in overall emissions levels. However, we found that emissions from buildings and the oil and gas sector continue to rise, and policy implementation needs to accelerate for Canada to achieve its 2030 targets.

We also conducted an **independent assessment** of the federal government's 2023 Progress Report on the Emissions Reduction Plan. Our assessment identified significant progress in implementing policy:

- In 2023, the revised federal benchmark for carbon pricing systems came into force, creating more stringent requirements for heavy industries.

- The National Adaptation Strategy was finalized, and the Clean Fuel Regulations took effect.
- Other policies moved closer to implementation, such as a framework for a proposed emissions cap for the upstream oil and gas sector, and draft regulations for Canada's Electric Vehicle Availability Standard.

With support from Navius Research, our analysis concludes that current policies are making a meaningful difference, putting Canada on track to achieve between 85 and 90 per cent of its 2030 emissions target. Furthermore, our modelling shows emissions would be 7 per cent higher today and 41 per cent higher by 2030 without the climate actions taken by all levels of government since 2015.

Finally, in March 2024, we published the first comprehensive analysis to break down the expected emissions reductions driven by specific policies. **Which Canadian climate policies will have the biggest impact by 2030?** shows that large-emitter trading systems—also known as industrial carbon pricing—will do more than any other policy to reduce Canada's carbon pollution, delivering up to half of total emissions cuts expected from Canada's Emissions Reduction Plan between now and 2030. Overall, we determined that the complete mix of climate policies in place today—from carbon pricing to vehicle efficiency standards to support for heat pumps—will prevent 226 Mt of emissions by 2030.

How the switch to clean electricity cuts emissions—and costs

Canada's efforts to reduce emissions and keep up with the global transition to clean energy can also make life more affordable, Climate Institute research shows.

In March 2023, the federal government committed tens of billions of dollars for provinces and territories to upgrade and expand their grids with clean electricity. That's crucial. As the Climate Institute's 2022 report **The Big Switch** laid out, achieving Canada's climate targets will require a transition from fossil fuels.

But making that transition isn't just good for the climate. As our June 2023 **Clean Electricity, Affordable Energy** report highlights, the clean energy sector will be a significant employer, tripling its current labour force by 2050 to provide over a quarter million jobs.

Switching to clean energy will also cut household costs. Our analysis finds that Canadians will spend 12 per cent less on energy by 2050 than they do today, as households switch from fossil fuels to power their homes, vehicles, and businesses with clean energy. That's true even though the cost of electricity is projected to increase gradually over time, because electric technologies are much more energy efficient than fossil-based ones.

Dramatic drops in the cost of renewables over the last decade have also made them the cheapest source of power today, with far less price volatility than fossil fuels. And wind and solar can now be integrated into

larger electricity systems in ways that maintain grid stability and reliability.

Heat pumps have a significant role to play in the clean energy transition. In our September 2023 report **Heat Pumps Pay Off**, we illustrate how the technology provides the lowest-cost option for heating and cooling in most contexts in Canada. Our analysis compares different heat pump configurations against gas furnaces and air conditioning for a variety of building types and ages in Vancouver, Edmonton, Toronto, Montreal, and Halifax.

When we look at total annual costs—including equipment costs—heat pumps tend to come out ahead, largely because they are two to five times more efficient than gas furnaces. Providing both heating and cooling in a single appliance also creates savings.

To accompany the report, the Climate Institute launched an **online calculator** that enables people to compare the costs and carbon footprints of different heating and cooling systems, based on their specific circumstances. Since its launch in September 2023, 66,000 people have used the tool.

● Stimulating low-carbon investment and competitiveness

As the world transitions to a low-carbon future, new analysis from the Climate Institute highlights how Canada can attract investment, incentivize clean economic growth, and ensure the country remains competitive in a changing global economy.



There are 101 countries that have committed to achieving net zero by mid-century. Those commitments encompass more than 92 per cent of global economic activity, 80 per cent of global oil demand, and 75 per cent of global fossil gas demand. At the same time, international investors managing over \$57 trillion in assets have also committed to net zero.

These global market trends have flipped the script for Canada's long-term competitiveness. As the transition accelerates, our research shows that moving too slowly is now a greater competitive risk than moving too quickly. Rapidly ramping up investment to support clean technologies, projects, and businesses can help Canada reach net zero emissions and build a resilient economy.

In May 2023, we released **Mobilizing Private Capital for Climate Adaptation Infrastructure**. This

scoping paper explores how to unlock private finance to fund crucial infrastructure projects that boost climate resilience, such as flood protection and heat mitigation measures.

In October 2023, we brought our expertise directly to the House of Commons Natural Resources Committee, where we discussed **Canada's competitiveness within the global clean energy transition**. We provided insights on a range of topics, including the impact of the U.S. Inflation Reduction Act, why clean electricity is a significant asset for Canada in the competition for global capital, and how public policy can help the oil and gas sector cut emissions.

Creating a **climate investment taxonomy** is one tool to clarify which investment opportunities align with the global energy transition. In 2023 the Climate Institute continued its work alongside the federal

Sustainable Finance Action Council and the Institute for Sustainable Finance to define a proposed framework, backed by the country's 25 largest financial institutions, of standardized labels for which investments and major projects are (or are not) aligned with global climate objectives. Our scoping paper **Fueling the Transition** explores whether—and under what conditions—oil and gas projects should qualify for the more contentious “transition” label within that framework.

Finally, a series of new **scoping papers and case studies on regulatory reform** examines how Canada can streamline reviews and permitting processes for clean energy projects, striking a balance between efficiency and effectiveness and protecting the country's long-term social and economic interests.



● Indigenous insights on clean energy and climate resilience

Strong, effective, and durable climate policy incorporates Indigenous perspectives and priorities. In 2023-24, new research and engagement supported by the Climate Institute brought those to the forefront.

The Canadian Climate Institute is committed to supporting the intersection of sound climate policy and Indigenous reconciliation, grounded in moving forward the United Nations Declaration of the Rights of Indigenous Peoples and Canada's Truth and Reconciliation Commission's recommendations. We pursue this work through research and partnerships that amplify Indigenous expertise and knowledge in the climate policy space.

In 2023 we supported three case studies through our **Indigenous Perspectives** program. "**Hope flows from action**" looks at how Indigenous communities are recovering in the wake of the devastating 2021 wildfires in B.C.'s Fraser Canyon Region, and explores policy approaches that can help build local climate resiliency. It provides a number of recommendations focussed on food security, water security, shelter security, and site-specific weather monitoring.

"**Community is the solution**" examines the impact of B.C.'s 2021

heat wave in five First Nations. Sharing circles and in-depth interviews provided a glimpse into the vulnerabilities of communities, from poorly designed, overcrowded housing to the risk of large-scale power outages. But they also spoke to key strengths, including the protective role that culture plays.

Stories are integral to Indigenous culture, imbued with the values and worldviews that have sustained land, animals, plants, and people across Turtle Island. "**The power of Acimowin**" explores the important roles that storytelling and the medicine wheel play as a learning pedagogy and how Indigenous ways of knowing and being should inform climate adaptation and policy decisions.

To amplify these case studies, the Climate Institute and the Centre for Indigenous Environmental Resources co-hosted a roundtable discussion with authors in June 2023. During the online event—which attracted more than 850 attendees—panelists highlighted

how Indigenous self-determination and knowledge are integral to designing effective regional, provincial, territorial, and national climate policies. We also explored questions of decolonization and unpacked "Two-Eyed Seeing," a concept that combines Indigenous and Western knowledge systems to create holistic policies that benefit everyone.

In February 2024, the Institute launched a new **Indigenous Research stream** to support the development of climate policy consistent with self-determination by centring Indigenous-led research. The first initiative under this stream is the Healthy Energy Homes project, undertaken in partnership with Indigenous Clean Energy. This multi-year research initiative will explore the connections between housing in Indigenous communities, health outcomes, and energy efficiency and how new solutions to housing can address poor health outcomes, reduce emissions, build climate resilience, and advance reconciliation.

Who we are

Board of Directors

The Canadian Climate Institute's Board of Directors provides overall strategic direction and ensures the Climate Institute's operational excellence, transparency, and financial accountability. As of March 2024, Board members included:

Peter Nicholson (Chair)

Retired inaugural president of the Council of Canadian Academies
Annapolis Royal, NS

Alain Bourque

Directeur général
Ouranos
Montreal, QC

Jordyn Burnouf

Sustainable Energy & Sovereignty Specialist
Métis Nation-Saskatchewan
Saskatoon, SK

Mel Cappe

Professor, Munk School of Global Affairs and Public Policy
University of Toronto
Toronto, ON

Catherine Cobden

President and CEO
Canadian Steel Producers Association
Ottawa, ON

Jasmine Igheski

Vice President, Policy, Sustainability and Government Relations
Parkland Corporation
Oakville, ON

Gordon R. Lambert

President
GRL Collaboration for Sustainability
Calgary, AB

Bruce Lourie

President
Ivey Foundation
Toronto, ON

Normand Mousseau

Professor of Physics
Université de Montréal
Directeur académique
l'institut de l'énergie Trottier
Montreal, QC

Sandra Odendahl

Senior Vice President and Head of Sustainability and Diversity
Business Development Bank of Canada
Toronto, ON

Eme Onuoha

Managing Director, International Public Affairs
CPP Investments
Ottawa, ON

Mira Oreck

Executive Director
The Houssian Foundation
Vancouver, BC

Chris Ragan

Director, Max Bell School of Public Policy
McGill University
Montreal, QC

Sybil Seitzinger

Professor Emerita, School of Environmental Studies
University of Victoria
Victoria, BC

Tosh Southwick

Consultant and Founding Partner
IRP Consulting
Whitehorse, Yukon

Matt Wayland

Executive Assistant to the International Vice President and Canadian Director of Government Relations
International Brotherhood of Electrical Workers Canada
Niagara-on-the-Lake, ON

2023-24 Expert Panels

Our work is grounded in the best available research and evidence and informed by a prominent group of experts from across Canada. Three Expert Panels (Adaptation, Mitigation, and Clean Growth) provide guidance on research scope and methods, technical review for major publications and policy recommendations, and advice to support the Institute's engagement and communications initiatives.



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Adaptation Panel

Jimena Eyzaguirre (Chair)

International Team Director and
Senior Climate Change Adaptation
Specialist
ESSA Technologies Ltd
Ottawa, ON

Jean Andrey

Dean, Faculty of Environment
University of Waterloo
Waterloo, ON

Mathieu Boudreault

Professor, Actuarial Science
University of Quebec
Montreal, QC

Daniel Henstra

Professor, Political Science
University of Waterloo
Waterloo, ON

Margot Hurlbert

Faculty, Johnson Shoyama
Graduate School of Public Policy
University of Regina
Regina, SK

Don Iveson

Executive Advisor for Climate
Investing and Community Resilience
Co-operators
Edmonton, AB

Caroline Larrivée

Director of Scientific Programming
Ouranos – Consortium sur les
changements climatiques
Montreal, QC

Alexandra Lesnikowski

Assistant Professor, Department
of Geography, Planning and
Environment, Head of the Concor-
dia Climate Change Adaptation
Research Lab
Concordia University
Montreal, QC

Deborah McGregor

Canada Research Chair, Indigenous
Environmental Justice
York University
Toronto, ON

Nancy Olewiler

Professor, School of Public Policy
Simon Fraser University
Vancouver, BC

Roger Street

Research Associate, Environmental
Change Institute
University of Oxford
Oxford, UK

Enooyaq Sudlovenick

Marine Mammal Scientist and PhD
Student
University of Manitoba
Winnipeg, MB

Jean-Patrick Toussaint

Senior Climate Director
Trottier Family Foundation
Ottawa, ON

Mitigation Panel

Kathryn Harrison (Chair)

Professor of Political Science
University of British Columbia
Vancouver, BC

Louis Beaumier

Directeur exécutif, Institut de
l'énergie
Trottier
Montreal, QC

Annie Chaloux

Associate Professor
Université de Sherbrooke
Montreal, QC

Andrew Leach

Professor, Economics and Law
University of Alberta
Edmonton, AB

Corey Mattie

Partner
Indigenous Treaty Partners
Halifax, NS

Juan Moreno-Cruz

Associate Professor, School of Envi-
ronment, Enterprise and Develop-
ment; Canada Research Chair in
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University of New Brunswick
Fredericton, NB

Pierre-Olivier Pineau

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Nicholas Rivers

Canada Research Chair in Climate
and Energy Policy
University of Ottawa
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Kwatuuma Cole Sayers

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Clean Energy BC
Vancouver, BC

Kristen van de Biezenbos

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California Western School of Law
San Diego, California

Jennifer Winter

Associate Professor, Department
of Economics and School of
Public Policy
University of Calgary
Departmental Science Advisor
Environment and Climate Change
Canada
Calgary, AB

Clean Growth Panel

Peter W.B. Phillips (Chair)

Founding Director, Johnson-Shoyama Centre for the Study of Science and Innovation Policy
University of Saskatchewan
Saskatoon, SK

Catherine Beaudry

Canada Research Chair in Creation, Development and Commercialization of Innovation
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Senior Advisor, Global Climate Program and the Finance Centre
World Resources Institute
Arlington, VA

Yves Bourgeois

Professor of Regional Economics and Dean of Studies
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Don Drummond

Stauffer-Dunning Fellow
Queen's University
Ottawa, ON

Stewart Elgie

Executive Chair, Smart Prosperity Institute; Professor Law and Economics
University of Ottawa
Ottawa, ON

Sara Hastings-Simon

Associate Professor
University of Calgary
Calgary, AB

David Isaac

President
W Dusk Energy Group
Vancouver, BC

Tamara Krawchenko

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Jordan Peterson

Principal
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Whitehorse, YT

Mark Rowlinson

Partner
Goldblatt Partners LLP
Toronto, ON

Louis Simard

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University of Ottawa
Ottawa, ON

Council of Advisors

Our advisors are leaders in government, industry, and civil society across Canada. Their perspectives help ensure the Institute's work is relevant, timely, and practical.

Catherine Abreu

Founder and Executive Director
Destination Zero
Ottawa, ON

Adam Auer

President and CEO
Cement Association of Canada
Ottawa, ON

Alain Brandon

Vice President, Sustainability, Social
Impact and Government Relations
Loblaw Companies Limited,
Toronto, ON

Jasveen Brar

Executive Director
Youth Climate Lab
Calgary, AB

Caroline Brouillette

Executive Director
Climate Action Network
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Corey Diamond

Executive Director
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Robert Larocque

President and CEO
The Canadian Fuels Association
Ottawa, ON

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Investissement Québec
Vice-Chairman
Fiera Holdings
Montreal, QC

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Sustainability Officer
Forest Products Association of
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Centre for Indigenous Environmen-
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