



Government
of Canada

Gouvernement
du Canada



Canada's Climate Action

Highlights of Canada's Action

- ✓ Nationally Determined Contribution (NDC): Set target to reduce GHG emissions to 30% below 2005 levels by 2030
- ✓ One of first countries to sign and ratify the Paris Agreement
- ✓ Developed a national climate plan working with provinces and territories and in collaboration with Indigenous Peoples
- ✓ Improved reporting through 3rd Biennial Report (BR3) and 7th National Communications (NC7)

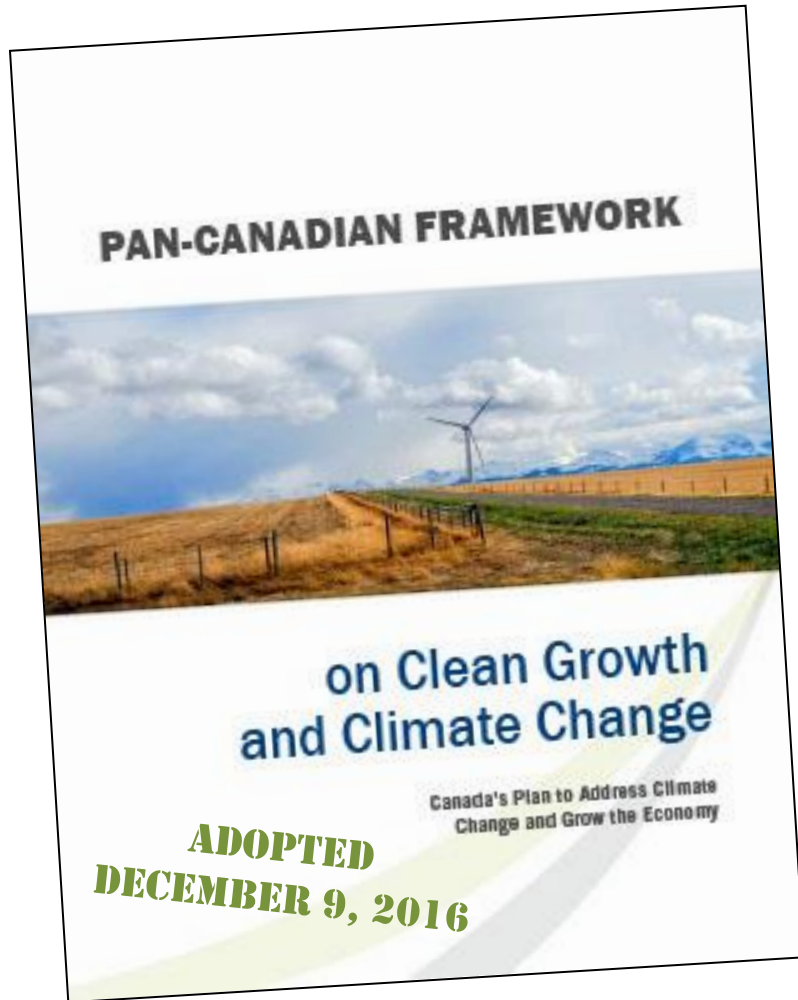


Canada's Climate Policy Context

- Canada is a highly decentralized federation; environmental policy is an area of shared jurisdiction
- All levels of governments play a key role in climate policy
- Current climate plan is the first to include joint and individual commitments by federal, provincial and territorial governments
- Coordinated climate action is critical to reach our target



Canada's Climate Plan – 4 Pillars



Pricing carbon pollution



Complementary mitigation
actions across all sectors



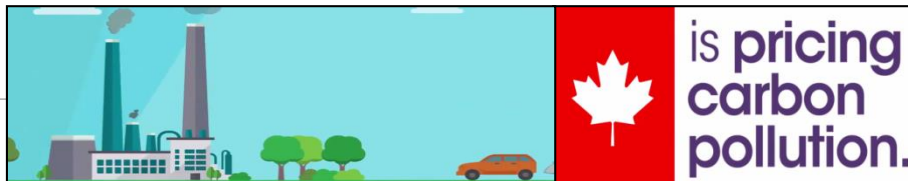
Adaptation and climate
resilience



Clean technology,
innovation & jobs

Carbon Pollution Pricing is Central to Canada's Climate Plan

- In 2016, the Prime Minister announced a pan-Canadian approach to pricing carbon pollution
- Under this approach, provinces and territories were given the flexibility to implement their own carbon pollution pricing systems, provided they meet the federal standard
- A federal carbon pollution pricing system will apply in jurisdictions that opt for it, or those that did not meet the federal standard
 - The federal pricing system includes a regulatory charge on fuel and a trading system for large industry
 - Direct proceeds will be returned to the jurisdiction of origin
- Pricing will be in place in all jurisdictions in 2019, either through provincial/territorial systems or the federal system (in whole or in part)



Key Policies and Measures to Reduce Emissions



Government

- Green procurement
- Greening Government Operations (-40% by 2030)



International

- \$2.65B in international climate finance by 2020
- Climate and trade policy, gender action, **Powering Past Coal Alliance** for coal phase-out




- Regulations to phase-out coal
- Investments to increase renewables
- Transmission lines, smart grids
- Reduce diesel use in remote communities

Electricity



- Launched Energy Efficient Buildings Program
- “Net-zero energy ready” model building
- High standards for heating equipment

Building(s)



- Canada-wide Zero-Emission Vehicle Strategy
- Emission standards for new light-duty and heavy-duty vehicles
- Clean Fuel Standard (first phase in 2019)

Transport



- Low Carbon Economy Fund Challenge
- Final methane regulations for oil and gas
- Hydrofluorocarbon regulations in force

Industry



- Renewable fuels and bioproducts
- New Agricultural Policy
- Enhanced sequestration

Forestry, agriculture, waste

Canada’s Strategy on **Short-Lived Climate Pollutants** (SLCPs) published in July 2017

Canada launched the **Task Force: Just Transition for Canadian Coal Power Workers and Communities** in April 2018. Final report by end of 2018.

Historic Investments in Clean Growth



Low Carbon Economy Leadership Fund

\$1.4 billion

Available to provinces and territories to help them reduce greenhouse gas emissions

Low Carbon Economy Challenge Fund

>\$500 million

Funding for governments, businesses, not-for-profit and Indigenous organizations to leverage ingenuity and generate clean growth

Green Infrastructure

\$26.9 billion

over 10 years to ensure access to safe water, clean air and greener communities.

\$9.2 billion already allocated to provinces and territories for green infrastructure projects

Public Transit

\$28.7 billion

over 10 years to build new urban transit networks and service extension that will transform the way Canadians live and work

Clean Technology

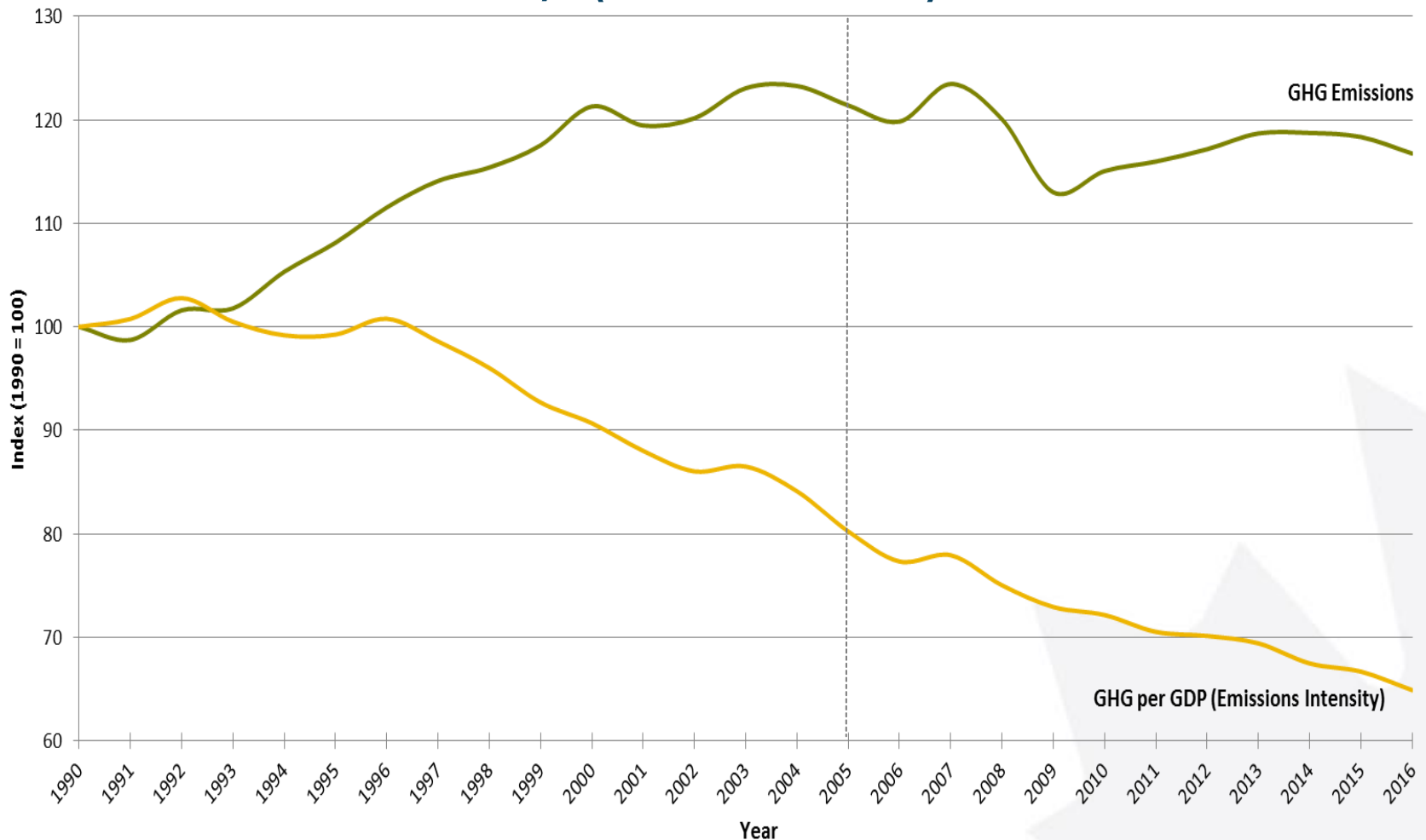
Established a Clean Growth Hub to help Canadian technology producers access funding and allocated

\$2.3 billion to clean technology innovation

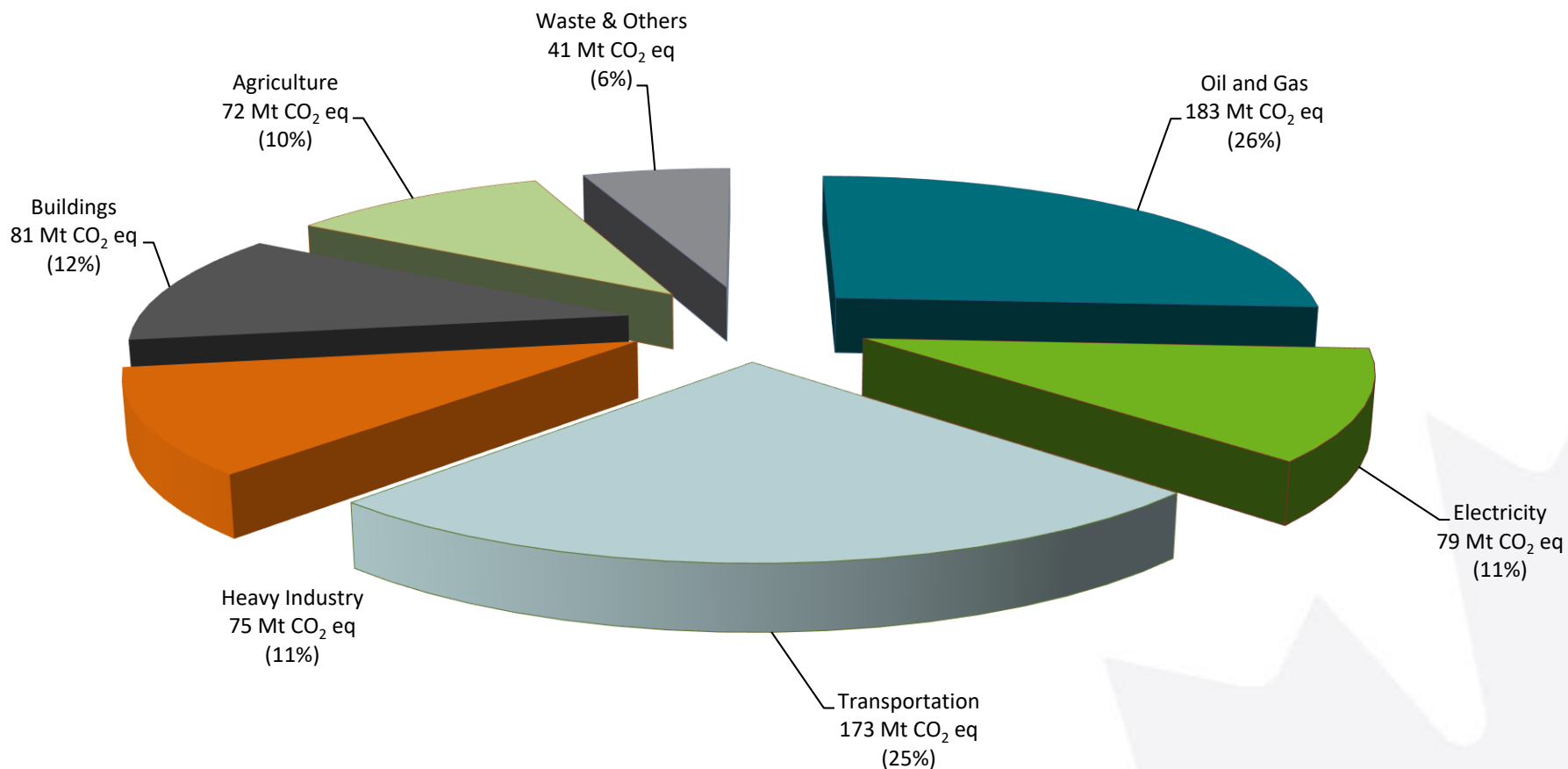
Climate Action Map



Canada's Trend in GHG Emissions and GHG Emissions Intensity (1990–2016)



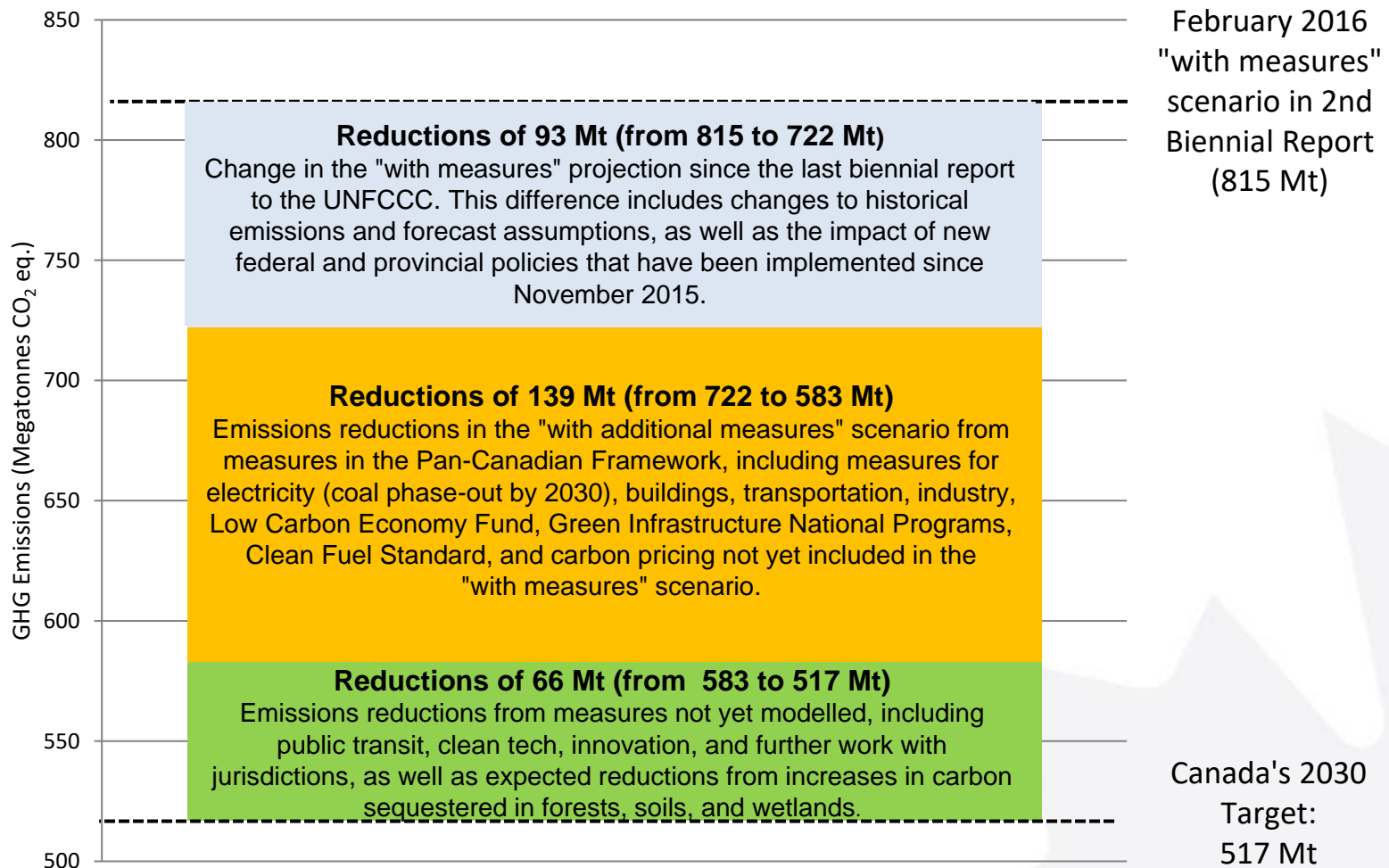
Canada's GHG Emissions by Economic Sector



Note: Totals may not add up due to rounding.

2016 Emissions: 704 Mt CO₂ eq

Progress toward Canada's 2030 target



Progress toward Canada's 2020 target

Canada's 2020 target: 17% reduction below 2005 levels

- Many key measures from the Pan-Canadian Framework are already in place and more will be implemented before 2020. These measures will contribute to near-term reductions and the 2020 target:

Federal Measures	Provincial/Territorial Measures
Carbon Pricing	Ontario coal phase out
Methane regulations	Alberta Carbon Capture and Storage Funding Act
HFCs regulations	Hydro project (Muskrat Falls) in Newfoundland and Labrador
Coal phase-out regulations	Nova Scotia electricity sector regulations
Light duty vehicle regulations (phase 1)	Alberta carbon competitiveness regulations
Light duty vehicle regulations (phase 2)	British Columbia GHG Industrial Reporting and Control Act
Heavy-duty vehicle regulations (phase 1)	Quebec cap-and-trade system
Heavy-duty vehicle regulations (phase 2)	Saskatchewan electricity initiatives
ecoEnergy for Renewable Power Programme	Ontario natural gas demand-side management
Federal Energy Efficient Equipment and Appliances Programme	British Columbia electrification of the natural gas sector

Accounting Approach

Land use, Land-use Change and Forestry (LULUCF)



- When reporting its BR3, Canada was examining its accounting approach to LULUCF
- Canada completed the process of updating LULUCF projections and accounting analysis: ref level + net-net
- Details on Canada's approach will be provided in upcoming projections updates (BR4)

Internationally Transferred Mitigation Outcomes (ITMOs)



- Canada continues to examine approaches to using ITMOs
- Collaborating with provinces and territories and international partners
- Environmental integrity, transparency and rigorous accounting rules for any cross-border transfers remain a priority
- The final Rulebook will be an important consideration

Key Messages



Canada engaged **all jurisdictions, Indigenous Peoples, stakeholders** and **Canadians** to develop the Pan-Canadian Framework.



Significant progress to date toward our target to reduce GHG emissions by 30% below 2005 levels by 2030. Biggest decline in Canada's most recent emissions projections.



Canada's key policies and measures will enable Canada to **meet or exceed 2030 target** and build a strong, competitive, low carbon economy.



Ongoing engagement, monitoring, and reporting on results will ensure effective policies, take stock of progress, and inform Canada's future actions.