



Environment and  
Climate Change Canada

Environnement et  
Changement climatique Canada

Canada

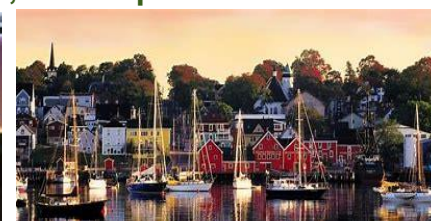
# ***Pan-Canadian Framework on Clean Growth and Climate Change***

**Economics and Environmental Policy Research Network  
Research Symposium**

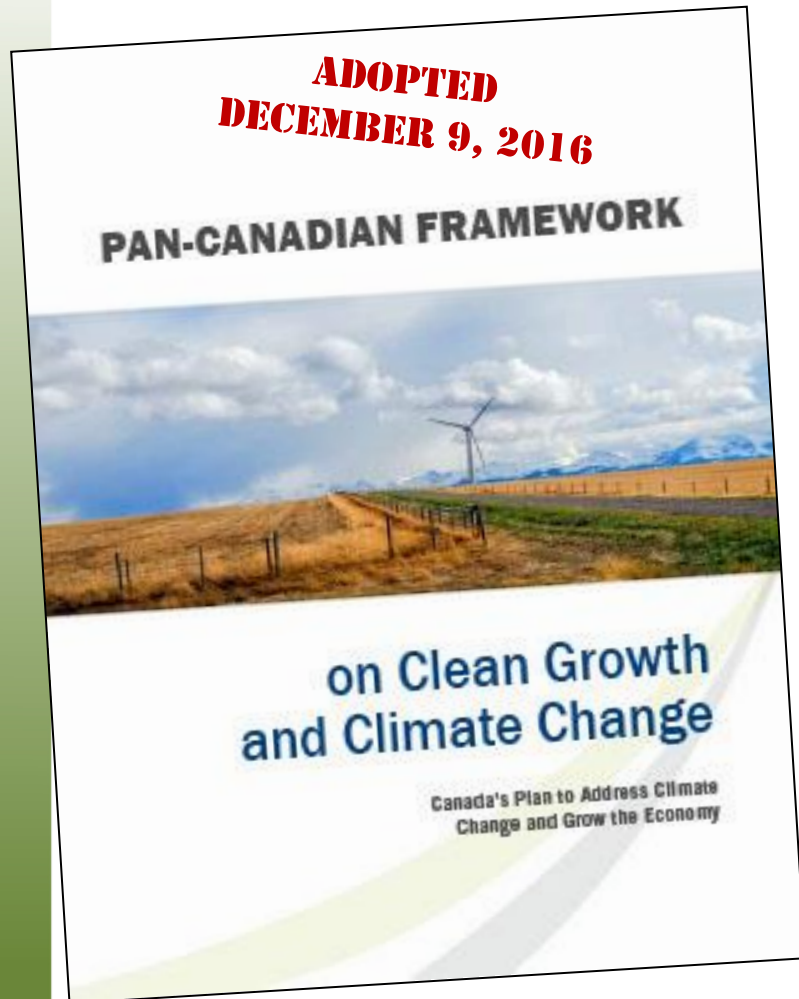
**Plenary I: Current Landscape/ Clean Innovation Policy Developments in Canada**

**March 1, 2018**

**Frederic Beaugard-Tellier,  
Executive Director, PCF Implementation Office**



# Four Pillars of Pan-Canadian Framework



Pricing Carbon Pollution



Complementary mitigation  
actions across all sectors



Adaptation and climate  
resilience



Clean technology,  
innovation & jobs





# Pillar 2 - Mitigation Actions

CANADA STRIVES TO HAVE **90%** OF ELECTRICITY FROM NON-EMITTING SOURCES BY 2030.

## 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
- **Talanoa Dialogue**

## Electricity



- Phase-out coal, increase renewables
- Transmission lines, smart grids
- Reduce diesel use in remote communities

## Building



- “Net-zero energy ready” model building
- High standards for heating equipment

## Transport



- Clean Fuel Standard
- Canada-wide Zero-Emission Vehicle Strategy

## Industry



- Methane regulations
- Hydrofluorocarbon regulations

## Forestry, agriculture, waste



- Renewable fuels and bioproducts
- New Agricultural Policy



# Low Carbon Economy Fund

## \$2B over five years

beginning in 2017-18 for projects that support implementation of the PCF by leveraging investments in projects that:

- will materially reduce GHGs
- are incremental to current plans; and
- will achieve significant reductions towards meeting or exceeding Canada's national 2030 target.



### Leadership Fund (\$1.4 B)

Available to provinces and territories that have adopted the PCF to help them deliver on leadership commitments to reduce greenhouse gas emissions, including those they prioritized in this Framework

### Challenge Fund

A portion of the remainder of the funding will be available to provinces and territories, as well as municipalities, Indigenous governments and organizations, and both not-for-profit and for-profit organizations



# Green Infrastructure



- Budget 2017: \$9.2B allocated to provinces and territories for green infrastructure projects across three streams:
  - Environmental Quality
  - Climate Change Mitigation
  - Adaptation, Resilience and Disaster Mitigation
- IBA negotiations with provinces making good progress with a view toward concluding by Spring 2018.
- Climate Lens
  - encourages improved choices by project planners and provides meaningful insight into the climate impacts and eligibility of projects funded through the climate change mitigation and adaptation, resilience and disaster mitigation sub-streams.





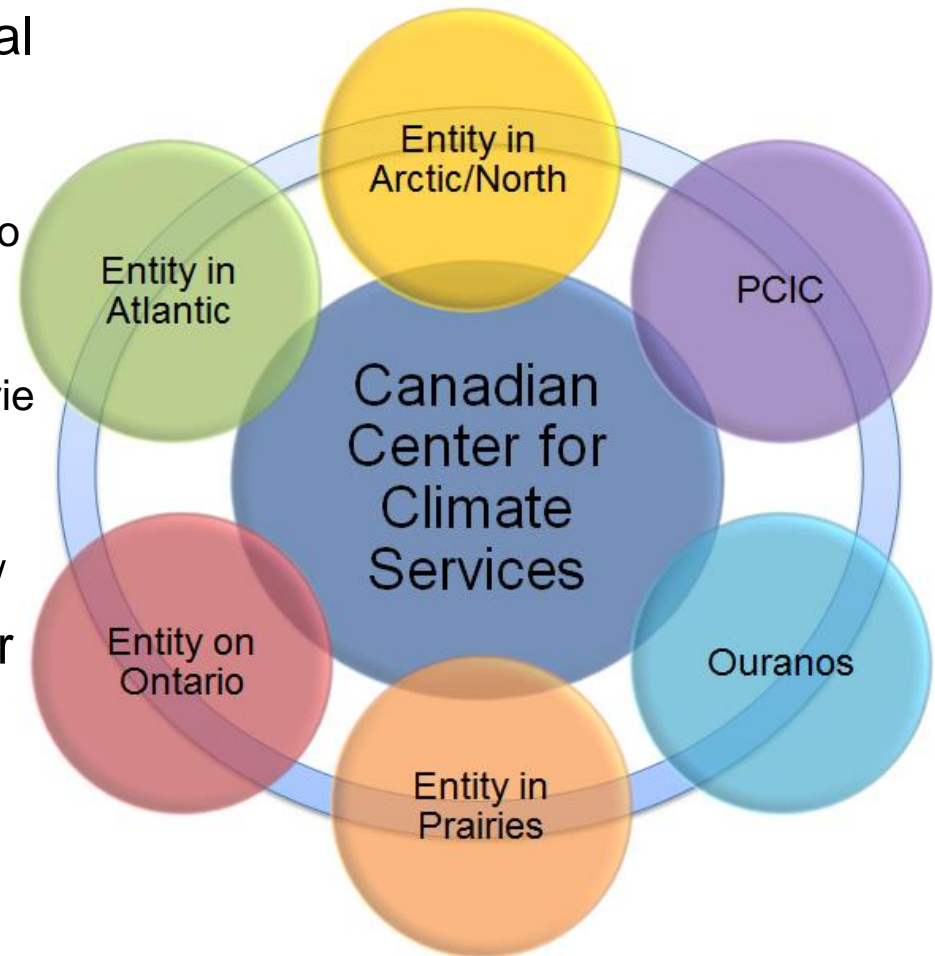
# Adaptation and Resilience

- Key federal initiatives include:
  - **Expert Panel on Climate Change and Adaptation Resilience Results** established to help define how to measure progress on federal, provincial and territorial adaptation efforts
  - **Indigenous Community-Based Climate Monitoring Program** – *launched winter 2017*
  - **Infectious Diseases and Climate Change Fund** – *launched fall 2017*
  - **Transportation Assets Risk Assessment (TARA)** initiative – *announced October 2017*
  - The **Aquatic Climate Change Adaptation Services Program** continues to provide foundational science to improve ocean forecasting and increase federal response capacity to environmental conditions in vulnerable coastal areas
  - **Disaster Mitigation and Adaptation Fund** to support national, provincial and municipal infrastructure required to deal with the effects of a changing climate – *launching in 2018*
  - **Canadian Centre for Climate Services** to deliver trusted, useful, and timely climate information, data, tools and services to enable climate resilience action – *launching fall 2018*



# Canadian Centre for Climate Services (CCCS) Partnership with Regional Climate Organizations

- CCCS will partner with regional organizations to jointly deliver services:
  - Existing: PCIC, Ouranos, Ontario Ministry of Environment and Climate Change
  - Emerging: Atlantic Region; Prairie Region; Northern/Territories
- Regional organizations are those endorsed by provinces / territories with support of other regional stakeholders.
- CCCS will provide support to regional organization. Details have been shared on funding amounts.



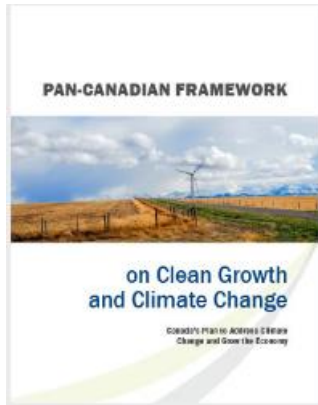
# PCF Governance

- Ongoing collaboration with provincial and territorial partners
  - 9 FPT Ministerial Tables and
  - Coordinating Committee of Experts
- Federal DM and ADM Oversight Committees
  - 19 federal departments implicated in implementation
- 3 distinction-based senior bilateral tables with National Indigenous Organizations (First Nations, Inuit, and the Métis Nation)
- Reporting on progress: first annual progress report published Dec. 9, 2017





# Engaging Experts



**Analysis and advice** – Federal, provincial, and territorial governments will engage with external experts to provide informed advice to First Ministers and decision makers; assess the effectiveness of measures, including through the use of modeling; and identify best practices. This will help ensure that actions identified in the Pan-Canadian Framework are open to external, independent review, and are transparent and informed by science and evidence.

Key research areas include:

- Government's role in accelerating transition to clean growth/low carbon economy
- Best practices in deploying investments (infrastructure/innovation support)
- International comparative analysis of best practices

