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Canada's Domestic & International Approach to Reducing Short-Lived Climate Pollutants

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A Comprehensive Approach to Addressing Climate Change and Air Quality

- **Canada's Mid-Century Long-Term Low-Greenhouse Gas Development Strategy:**
 - Sets out a framework, and outlines potential GHG abatement opportunities, in the context of a low carbon economy by 2050.
- **The Pan-Canadian Framework on Clean Growth and Climate Change:**
 - A collective Federal/Provincial/Territorial plan for reducing GHG emissions such as carbon dioxide, and building resilience to adapt to climate change.
 - Highlights the importance of addressing SLCPs and includes measures that will result in emission reductions.
- **Implementation of air pollutant regulations:**
 - Will reduce emissions of ozone precursors and black carbon (as a component of particulate matter) from key emitting sectors across Canada.



Government of Canada Measures

- Implementation of Canada's Air Quality Management System
 - Federal-provincial-territorial collaboration to improve and protect air quality:
 - Addresses key air pollutants from industrial sectors.
 - Multi-Sector Air Pollutants Regulations, the first set of mandatory industrial pollution emissions standards in Canada, targeting air pollutants including ozone precursors:
 - Engines, boilers and heaters, and the cement sector.
 - Emission regulations for fuels, and on-road and off-road vehicles and engines.
- Reducing reliance on diesel
 - Budget 2017 provided \$220 million over four years to help reduce reliance on diesel for electricity and heating in Northern, remote and Indigenous communities.
 - Investments in clean energy will result in reduced emissions of black carbon and other pollutants.



Government of Canada Measures (cont'd)

- Proposed federal regulations for methane from oil and gas operations.
- Proposed regulations to phase down use of HFCs to support and implement the Kigali Amendment.
- Preliminary consultations on proposed regulations for air pollutant emissions from new stationary diesel engines.
- Measures to mitigate air pollutant emissions (including black carbon) from municipal wood-burning, including a model municipal by-law, and a code of practice for residential wood-burning appliances.
- Draft regulations limiting emissions from the rail sector.
- Budget 2017 secured ongoing funding for enhanced policy and mitigation actions to address SLCPs.
- Nationally Determined Contribution (NDC) recent submission includes references to reducing emissions of SLCPs, including black carbon.



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SLCP Strategy

- Strategy developed by ECCC to address SLCPs comprehensively over the short- and longer-term – to be published soon.
- Strategy is based on 5 pillars for action that will better integrate the department's science, domestic mitigation and international engagement activities:
 - 1) enhancing domestic mitigation;
 - 2) enhancing science and communications;
 - 3) engaging in international fora;
 - 4) improving coordination of ECCC activities;
 - 5) collaborating with sub-national levels of government and other possible partners.



International Climate Finance

- In November 2015, pledged CAD \$2.65 billion over 5 years to help developing countries transition to low-carbon economies that are both sustainable and more resilient by:
 - Increasing adaptation financing to support the poorest and most vulnerable populations impacted by climate change;
 - Supporting the institutions and funds of the UNFCCC;
 - Supporting the implementation of Sustainable Development Goals;
 - Mobilizing private sector investment.



Funding for Short Lived Climate Pollutants

- Recognizes the importance of supporting developing countries to reduce short-lived climate pollutant emissions through policy cooperation, technical expertise and financial support.
- \$35M over 5-years to address SLCPs, including:
 - \$10M to the CCAC Trust Fund;
 - \$25M to support mitigation actions with key partner countries and implement the Kigali Amendment.



Advocacy in Other International Fora

- Co-chair of the Climate and Clean Air Coalition for 2016-2018.
- Co-chair of the Global Methane Initiative for 2017-18.
- Arctic Council to implement the Framework on Black Carbon and Methane including a collective goal on black carbon.
- Work to ensure UNEA-3 will promote global action on air pollution and SLCPs.
- Promote the Ratification of Kigali – 30 by 30th Anniversary.
- Improve understanding and consideration of the role of SLCPs under the IPCC.

