



COMPENDIUM OF CANADA'S ENGAGEMENT IN INTERNATIONAL ENVIRONMENTAL AGREEMENTS

Climate and Clean Air Coalition (CCAC)

SUBJECT CATEGORY:

Climate Change

TYPE OF AGREEMENT / INSTRUMENT:

Multilateral

FORM:

Voluntary international framework

STATUS:

Canada is currently the co-chair of the CCAC, and a founding partner having officially joined upon its launch in February 2012.

LEAD & PARTNER DEPARTMENTS:

Environment and Climate Change Canada coordinates Canada's overall participation in the CCAC with policy and technical support from Natural Resources Canada, the National Research Council (NRC), Transport Canada, Health Canada and Agriculture and Agri-Food Canada on issues related to the CCAC's initiatives on oil and gas, heavy duty diesel vehicles and engines, health and agriculture.

FOR FURTHER INFORMATION:**Web Links:**

- [Climate and Clean Air Coalition](#) web site
- [Canada's Action on Climate Change](#) web site

Contacts:

[ECCC Inquiry Centre](#)

COMPENDIUM EDITION:

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OBJECTIVE

The Climate and Clean Air Coalition (CCAC) is an international, voluntary initiative aimed at advancing efforts to reduce short-lived climate pollutants (SLCPs) in ways that protect the environment and public health, promote food and energy security, and address near-term climate change.

KEY ELEMENTS

The CCAC is focused on implementing action-oriented initiatives in a number of sectors, including:

- heavy duty diesel vehicles and engines
- brick production
- municipal solid waste sector
- oil and natural gas production
- agriculture
- household energy

The CCAC Hydrofluorocarbon (HFC) Initiative is promoting alternatives to HFCs, and cross cutting initiatives on health, finance, National Action Plans, and regional assessments of SLCPs are working to mobilize awareness and further action on SLCPs.

In addition, a world class Science Advisory Panel has been established to provide scientific advice to the Coalition and a Trust Fund, managed by the UNEP-hosted Secretariat, has been created to support the Coalition's efforts.

EXPECTED RESULTS

Expected results of the CCAC include:

- Enhancing and developing new national actions to reduce the emissions of SLCPs, including by identifying and overcoming barriers, enhancing capacity and mobilizing support.
- Raising awareness of SLCPs and mitigation strategies.
- Promoting best practices and showcasing successful efforts in reducing emissions of SLCPs.
- Improving the scientific understanding of SLCPs and mitigation strategies.

A Task Force on Demonstrating Impacts has also been established to assess the reductions in emissions of SLCPs in addition to the multiple co-benefits that have been achieved through the CCAC's collective efforts.



CANADA'S INVOLVEMENT

Canada has been an active participant since the Coalition's launch in 2012 and is the current co-chair of the CCAC. Canada's participation supports our broader climate change objectives including delivering both environmental and economic benefits, and accelerating clean technology development and deployment.

Since 2012, Canada has contributed \$23 Million to the CCAC's Trust Fund. As the Fund's largest contributor, Canada's contribution has supported the development and implementation of the CCAC's initiatives across key sectors, namely in developing countries.

Canada, through Environment and Climate Change Canada, also leads the development and implementation of three CCAC initiatives: Heavy Duty Diesel Vehicles and Engines, HFCs and Municipal Solid Waste. Canada is also leading the development of the technology demonstration component of the Oil and Gas Initiative.

Canada also provides strategic direction and leadership on the efforts of the Coalition more broadly, both in its role as co-chair as well as being a member of the Steering Committee - a body responsible for providing recommendations to the CCAC Working Group on the governance of the CCAC's framework, policies and procedures, funding proposals and strategic issues.

RESULTS / PROGRESS

Activities

Since 2012, the CCAC has successfully launched 11 sector-based and cross-cutting initiatives aimed at reducing the emissions of SLCPs in the near-term; these include:

- Reducing black carbon emissions from heavy duty diesel vehicles and engines;
- Mitigating black carbon and other pollutants from brick production;
- Mitigating SLCPs from the municipal solid waste sector;
- Promoting HFC alternative technology and standards;
- Accelerating methane and black carbon reductions from oil and natural gas production;
- Addressing SLCPs from agriculture;
- Reducing SLCPs from household energy;
- Financing SLCP mitigation;
- Supporting national action planning for action on SLCPs;
- Regional assessments of SLCPs; and
- An urban health initiative.

In 2014, the Ministerial-level High Level Assembly agreed to extend the mandate of the CCAC to 2022 and in 2015 the High Level Assembly adopted a five-year strategic plan to guide its work. In July 2016 Ministers and High Level Representatives of 25 countries met in Vienna at an Executive Session of the High Level Assembly to provide political momentum for an amendment of the Montreal Protocol to phase down HFCs. At the November 2016 High Level Assembly, CCAC Partners committed to reduce black carbon emissions through cleaner diesel vehicles and engines, develop black carbon inventories and reduce methane emissions from oil and gas operations.

Reports

The [CCAC Secretariat](#) housed within UNEP maintains an electronic database of reports, and resources from CCAC meetings, conferences, and events.

Results

Since its launch, the CCAC has achieved significant results including:

- Launching 11 sector-based and cross-cutting action oriented initiatives to reduce the emissions of SLCPs.
- Implementing with CCAC partners action-oriented activities to reduce SLCP emissions across all CCAC initiatives. Examples of activities in initiatives led by Canada include:
 - Development and adoption of a Global Strategy to Introduce Low Sulphur Fuels and Cleaner Diesel Vehicles under the Heavy Duty Diesel Vehicles and Engines Initiative;
 - Promotion of HFC alternative technologies in developing countries through case studies, demonstration projects and technology workshops;
 - Implementation of demonstration projects in the Oil and Gas Initiative to measure, monitor and effectively reduce SLCP emissions from oil and gas companies operations through the deployment of emerging technologies.
 - Development of demonstration projects in the Municipal Solid Waste initiative in Chile through the development of implementation and financial plans.
- Growing to 113 partners including national governments, international organizations and non-governmental organizations.
- Mobilising approximately \$73 Million USD in a multilateral trust fund to provide financial resources



in support of the CCAC's initiatives, with a focus on developing countries.

- Establishing a world class Science Advisory Panel to provide updated information and advice on the science of SLCPs.
- Successfully raising awareness of SLCPs in various international fora including at the United Nations

Secretary General's Climate Summit in September 2014, and during events at the Paris Conference of the Parties in December 2015 and the Marrakech Conference of the Parties November 2016.