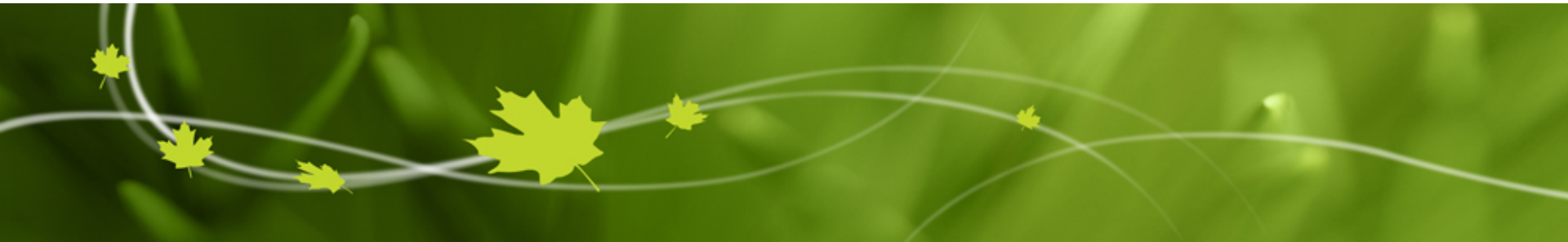




Environment  
Canada

Environnement  
Canada

Canada



# Canada's Support for Methane initiatives

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Technology Partnerships,  
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GMI Steering Committee  
Vancouver – March, 2013

# Canada's Involvement in the GMI

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- Since joining the Partnership, Canada's participation has been driven by:
  - multilateral initiatives with a strong engagement from public and private sector partners
  - delivering support to ensure its actions can lead to real results for developing countries and for the global environment.
- Canada has supported a number of methane recovery and use projects that promoted clean technologies while addressing climate change and energy security.
  - Landfill and waste management sector
  - Oil and gas sector



# Example of projects

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## Bio-Cancun Project

- Objectives:
  - Implementation of a bio-digester in Cancun for the treatment of the organic fraction of municipal solid waste and to generate power from the biogas produced.
- Scope:
  - 2 Municipalities: Benito Juarez and Isla Mujeres
- Current Status:
  - Canada provided technical design specifications, comprehensive environmental impact assessment and detailed financial analysis.
  - Launch of the bidding process this spring in Cancun



# Canada's Fast Start Financing

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- Canada's largest ever contribution to support international efforts to address climate change:
  - **\$1.2 billion in new and additional financing** over 3 fiscal years
- Canada focuses on identifying activities that are consistent with our vision for an effective long-term climate regime:
  - Implementation of transparent mitigation action
  - Country-led adaptation
  - Mobilize private sector climate-related investment
- Three priorities have been identified:
  - (i) adaptation by poorest and most vulnerable
  - (ii) clean energy
  - (iii) forests and agriculture

# Highlights

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## Key initiatives:

- \$250 million to the Inter-American Development Bank to establish a Canadian Climate Change Fund designed to mobilize private investments in Latin America and the Caribbean
- \$285.7 million to the International Finance Corporation as concessional funding for clean energy projects in developing countries.
- \$200 million to the Clean Technology Fund, a component of the Climate Investment Funds to support clean technology deployment in developing countries
- \$76 million to the Asian Development Bank to establish a Canadian Climate Fund for the private sector in Asia.
- \$13.8 million for mitigation actions including \$3 million to support the new Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants

# Canada's support for sectoral NAMAs

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Building on its past experience with international technology partnerships such as:

- Asia Pacific Partnership (APP)
- Global Methane Initiative (GMI)
- Renewable Energy and Energy Efficiency Partnership (REEEP)

Canada is supporting the development and implementation of NAMA in:

- Waste and landfill gas
- Oil and gas
- Low Carbon Housing

# Waste Management

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## Approach:

- Canada is providing financial support (\$2.55M) to help partner countries identify opportunities for mitigating emissions in the waste management sector that create enabling conditions for transformational action that support national priorities.

## Country Partners:

- Chile
- Colombia
- Mexico
- Dominican Republic

## Delivery Channel:

- Center for Clean Air Policy



# To date

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## **Colombia and Chile:**

- Development of an integrated approach for waste management
- Series of measures for the whole waste stream including
  - diversion of organics from landfills,
  - Increased separation of waste through sorting, composting, and recycling
  - increased methane capture and biogas utilization from landfills and wastewater treatment facilities.

## **Dominican Republic**

- Development of an integrated approach for waste management for the tourism industry with a pilot project here in Punta Cana that will eventually lead to the development of a national Strategy

## **Mexico**

- Development of a national strategy for Bio-digestion projects
- Capacity building / education program for Mexican experts



# Oil and Gas

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## **Approach:**

- Canada is providing financial support (\$3.0M) to facilitate strategic, inclusive and country-specific capacity building dialogue that will enable accurate, credible and verifiable quantification of energy efficiency and emissions reduction opportunities across the upstream, midstream and downstream oil and gas sector.

## **Country Partners:**

- Mexico
- Colombia

## **Delivery Channel:**

Petroleum Technology of Alliance Canada (PTAC)

# To date

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## Colombia

- Working with ECOPETROL on evaluation of opportunities to reduce venting and black carbon flare soot and increase energy efficiency at the several facilities (Castilla, Barrancabermeja and Yopal)

## Mexico

- Working with PEMEX on evaluation of flaring & black carbon soot reduction and steam system efficiency opportunities at various facilities (La Cangrejera, Minatitlan, Poza Rica and Mecatepec).

# Climate and Clean Air Coalition (CCAC)

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## Canada:

- is a founding member of the Climate and Clean Air Coalition, along with Mexico, the US, Ghana, Sweden and Bangladesh.
- was the first country to contribute to the Trust Fund - \$3M
- sits on the CCAC Steering Committee
- co-leads
  - the Municipal Solid Waste Sector
  - diesel vehicle and engine initiatives,
  - the development of the first activities under the finance mitigation initiative
- coordinates the development of a new agriculture initiative.
- is actively involved in the HFCs and oil and gas initiatives.



# CCAC – MSW Initiative

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## Co-leads:

- Canada - US

## Approach:

- Canada's support for CCAC helped kick start the establishment of baseline data in 8 cities in Latin America, Africa, and South East Asia.
- These city assessments will identify concrete and on-the-ground action that can effectively reduce short-lived climate pollutant (SLCP) emissions from the MSW sector.

# CCAC – Agriculture Initiative

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Initiative still under development

## Co-leads:

- Canada is working with CCAC Partners to develop this new initiative. Co-leads to be confirmed by June 2013.

## Approach:

- Address SLCPs (including methane) in the agricultural sector.
- Complement the work of the Global Research Alliance and GMI.
- No funds allocated yet

# Thanks

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