Environment Canada Environnement Canada

Canada

Climate and Clean Air Coalition

Agriculture Initiative

Lead Partners:

Bangladesh, European Commission, FAO, Ghana, Japan, Nigeria, United States
World Bank

Chair:

Canada

GMI Steering Committee Meeting
Montreal, Canada
Thursday October 16

Initiative Overview

- **Objective:**
  - Share and implement best practices for reducing emissions of short-lived climate pollutants (SLCPs) from agriculture in a manner that is consistent with broader climate change objectives and that also enhances food security and livelihoods.

- **Four Components:**
  - Livestock and Manure Management
  - Open Agricultural Burning
  - Paddy Rice Production
  - Enteric Fermentation (currently under development)

Livestock and Manure Management Component

- **Lead Implementers:** US, FAO, Wageningen University
- **Targeted Regions**: Asia, Africa, Latin America
- **Objective**: Reduce SLCPs emissions from manure management in Latin America, Africa and Asia
- **Expected results**:
  - Increased awareness amongst key stakeholders.
  - Creation of an active network between practitioners and organizations.
  - Finalization of a global assessment on current practices with a view of identifying existing gaps in best practices, enabling policies and technologies.
  - Replicable and scalable pilot projects to implement best practices in Latin America, Asia and Africa.
- **Budget:** $2.6M

Open Agricultural Burning Component

- **Lead Implementer**: International Climate Crysophere Initiative (ICCI)
- **Targeted Regions:** Eastern and Central Himalayas, Andes and Patagonia
- **Objective**: Develop concrete options for emissions reductions from open burning.
- **Expected Results**:
  - Replicable and scalable open burning mitigation options.
  - Determining the nature of open burning in the target regions of the Eastern Himalayas and Andes.
  - Creation of regional open burning networks and partners.
  - The development of shovel-ready pilot mitigation projects.
- **Budget :** $300,000

Paddy Rice Production Component

- **Lead Implementers:** The International Rice Research Institute (IRRI) and International Center for Tropical Agriculture (CIAT)
- **Targeted Regions:** Bangladesh, Colombia and Vietnam
- **Objectives**: Assist countries to plan mitigation strategies in paddy rice sector and implement a pilot project to promote farmer-led innovation.
- **Expected Results**:
  - Central information hub to support countries to compile information and create maps of areas with high potential for mitigation in paddy rice.
  - Network of farmer demonstration sites, national outreach and networks building.
- **Budget** : $777,000

Proposed activities for 2014-15

Livestock and Manure Management

- Regional scoping study will engage countries and other stakeholders through the central hub and regional centers.
- Identifying promising activities that could initialize change; select ‘cases’ for priority implementation.
- Launch of knowledge platforms for collecting, organizing, and disseminating information on manure management.

Open Agricultural Burning Component

- Project is a scoping/project design effort: so scale-up part of process.
- Strong Partner participation in regional (Andes and Himalayas) conferences helpful.

Paddy Rice Production

- Initial activities under Phase 1 will commence in 2014.
- The proposal takes into account the “theory of change” and importance of scaling-up in its proposed work.

Launch of the Enteric Fermentation Component – February 2015

Synergies with GMI

Synergies with GMI could apply to three of the four components:

- Livestock
- Paddy Rice Production
- Enteric Fermentation

Linkages:

- Increased capacity building.
- Dissemination of information and best practices through targeted networks.
- Promotion of technology transfer through pilot projects.
- Foster partnership with private sector and international organizations.