

# Technology Demonstrations Project

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## Objective:

- Work in partnership with oil and gas companies to:
  - demonstrate how emissions of BC and other SLCPs can be minimized or eliminated in a cost-neutral and sometimes profitable way
  - support the demonstration and commercialization of new emerging technologies to reduce SLCP emissions.

## Partners:

- More than 20 public and private sector partners including:
  - World Bank's Global Gas Flaring Reduction Initiative (GGFR),
  - Ecopetrol (Colombia),
  - PEMEX (Mexico)
  - Petroleum Technology Alliance of Canada,



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## **Proposed activities for 2014-15 in Latin America and Africa:**

- Identification of opportunities reduce SLCP emissions through the recovery of hydrocarbon fluids in the oil and gas sector;
- Development of business cases for the implementation of technologies to reduce SLCP emissions;

## **Budget:**

- \$1M (for 2014-15)



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## Progress to date:

- Initial black carbon measurements completed in Africa and Latin America and further analysis is underway before public dissemination of results.
- Coordinating current workplan with the CCAC SNAP, Brick Kilns, Health and Cookstoves Initiatives for activities related to measuring, monitoring and mapping.
- Completed successful business outreach sessions and technical workshops in Canada, Mexico and Nigeria.
- Additional events will take place in Colombia, US and China.



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## Synergies with GMI

- increased capacity for accurate measurement and economic evaluation of emissions from flaring and venting;
- dissemination of information and best practices regarding replicable near, medium and long-term SLCP emissions reductions;
- development of policy and technical tools to enable measurement or quantification, mapping and monitoring;
- Promotion of transfer and replication of demonstrated technologies and practices;
- builds on previous GMI work funded by Canada in China, India and Mexico;
- partnership with private sector and international organizations.

