



**CLIMATE &  
CLEAN AIR  
COALITION**

TO REDUCE SHORT-LIVED  
CLIMATE POLLUTANTS

# Climate and Clean Air Coalition (CCAC) OVERVIEW 2016

Joint CCAC & GMI  
Steering Committee  
29 March 2016

# Political leadership

**Action** oriented

Partners on the ground

**Scale up** good practice

Policy based on science



- Voluntary, partner-led
- First global effort to treat SLCPs as a collective challenge



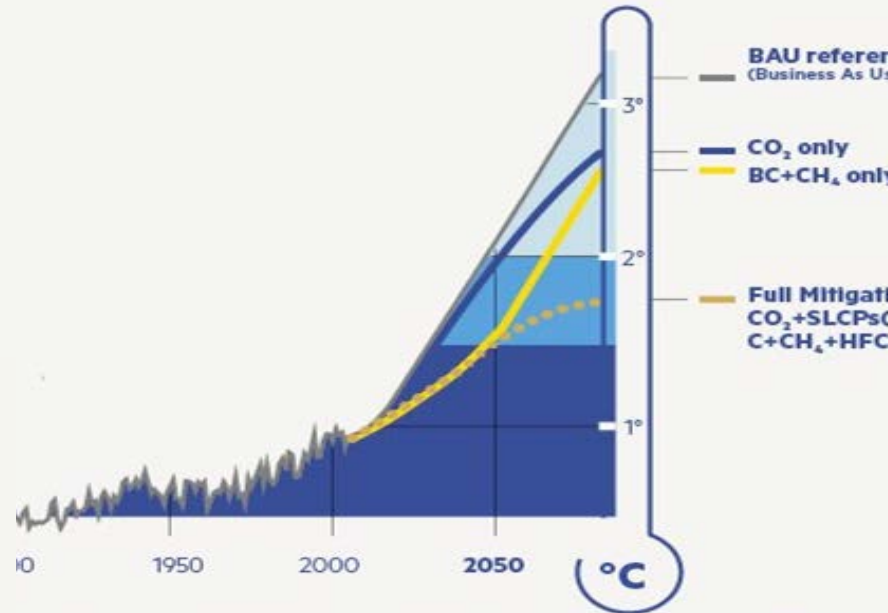
# Scientific Advisory Panel

Briefings, science update  
Metrics  
Science Policy Dialogue

0.5°C

0.1°C

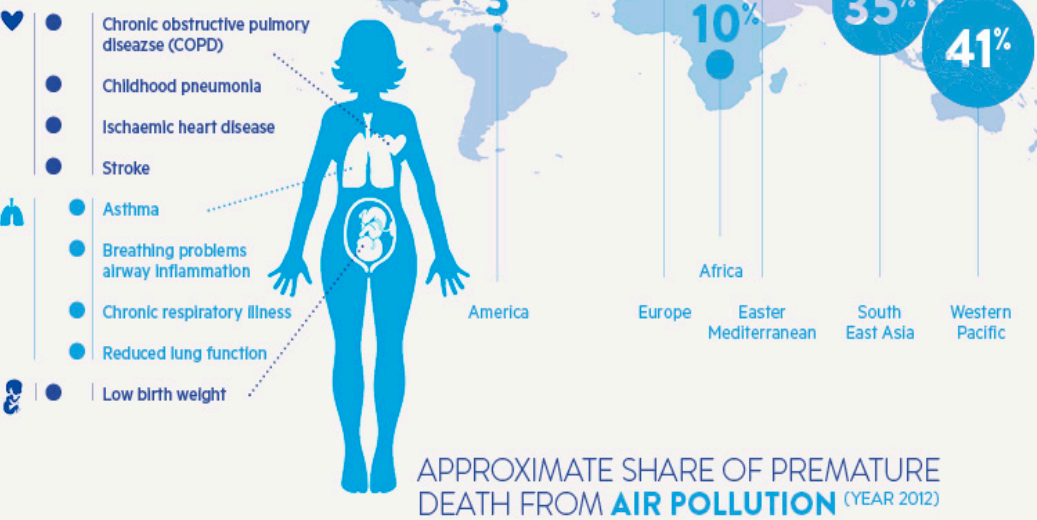
0.6°C



SIMULATED TEMPERATURE CHANGE UNDER VARIOUS MITIGATION SCENARIOS

## DISEASES DUE TO:

- O<sub>3</sub>
- PM2.5 AIR POLLUTION



# 7 sectoral & 4 cross-cutting initiatives

## Methane, Black Carbon & HFC actions



AGRICULTURE



BRICKS



COOKSTOVES



DIESEL



OIL & GAS



HFCs



WASTE



ASSESSMENTS



FINANCE

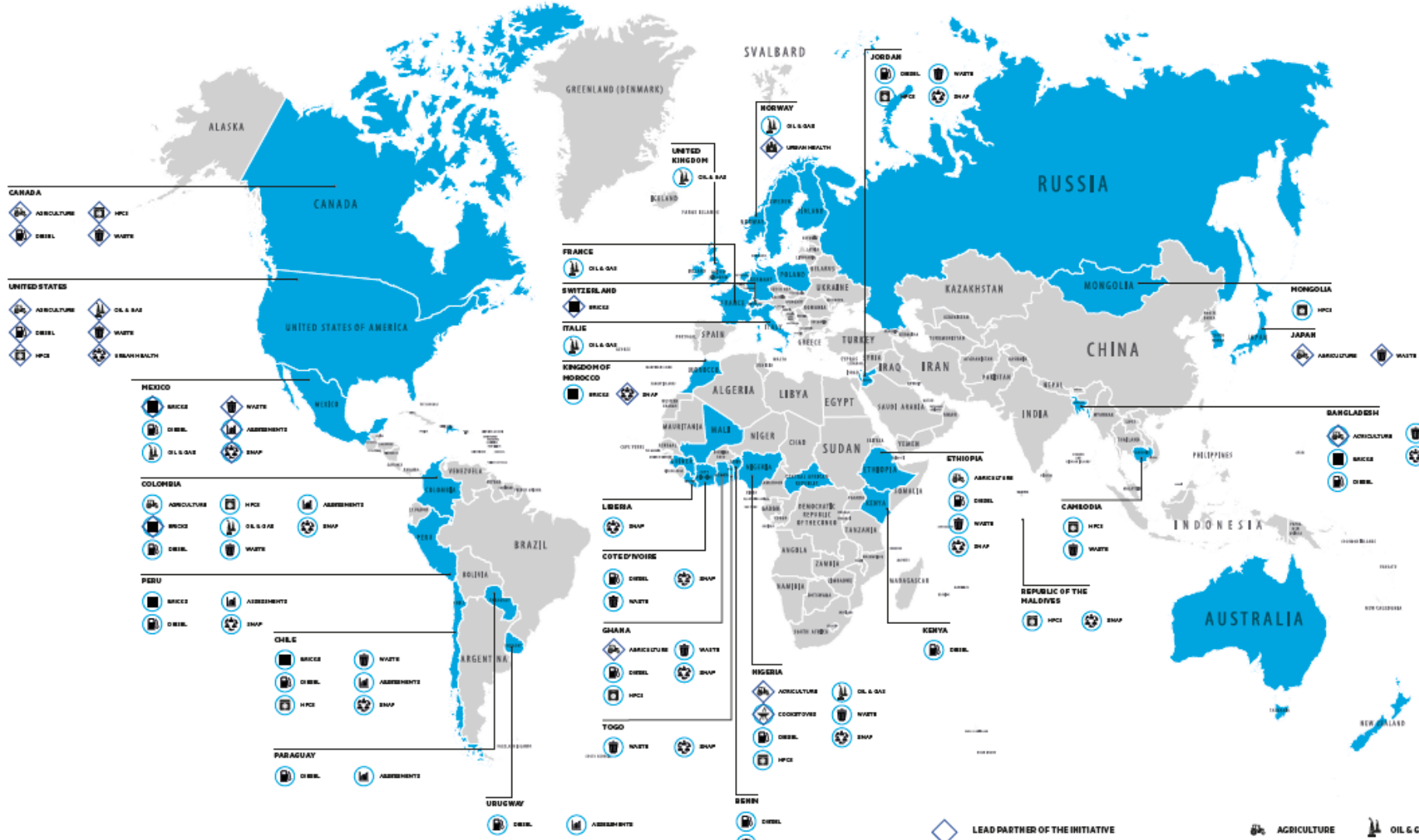


SNAP



URBAN  
HEALTH





**111 Partners**  
**GMI latest to join**  
**50 States – 16 IGOs – 45 NGOs**



# 5 Year Strategic Plan 2020

## Priority objective

Strategically mobilize CCAC resources in order to assist in the development and implementation of **policies, regulations and practices** of Partners and stakeholders to **deliver substantial SLCP reductions in the near- to medium-term.**

Partners in the CCAC demonstrate leadership by taking action on SLCPs both at home and internationally, and continuously measure and report the impact of its actions.



# Key strategies

Four key strategies to facilitate the implementation of the Strategic Plan and achieve the Priority Objective:

- 1. Catalyze Ambitious Action**
- 2. Mobilize Robust Support**
- 3. Leverage Finance at Scale**
- 4. Enhance Science and Knowledge**



# 1. Catalyze Ambition Action

## • Training and peer-to-peer learning

**Open  
Burning  
training**

**Bricks**

21 institutions  
in 9 countries

Training Nodes  
400 participants  
6800 h of training

City-to-city partnering on Waste;  
training workshops for 70 cities

**Cooking  
Capacity  
support to  
4 testing  
centers**

**HFC**  
10 000  
h of  
training

**SNAP**  
**Institutional  
Strengthening  
in 14 countries**

**Oil and Gas**  
12 webinars





# New: SLCP Solution Center

## Support Policies & action plans



**16 cities**  
around the world  
with waste management plans



**3 countries** with  
national action plans  
on Paddy Rice

low sulfur fuel standards  
in **7 countries** and sub-  
regionally in **East Africa**



emission standards  
for buses in  
**Lima and Santiago**



**8 countries**  
develop or refine  
a national strategy  
on SLCPs



# Technology demonstration Scale up of sound practices

ethanol gel  
and biogas  
**cooking**

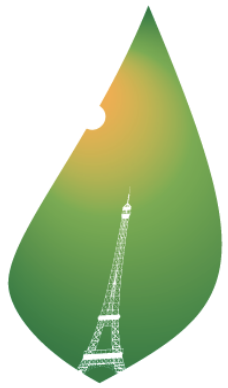
test technologies  
to reduce  
emissions from oil  
and gas  
production

19 efficient **brick kiln  
technologies**

test and validate  
new low-GWP **HFC alternatives**

demonstrate benefits of  
**integrated manure  
management**



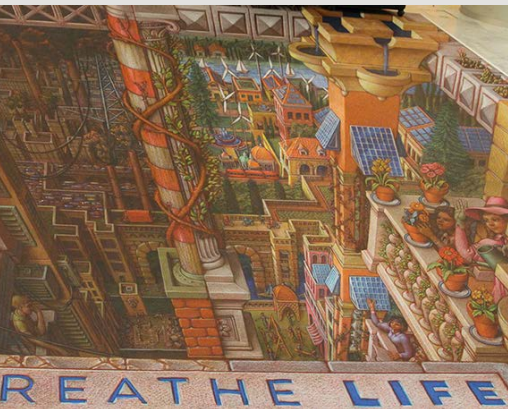


# 2. Mobilize Robust Support

PARIS2015  
CONFÉRENCE DES NATIONS UNIES  
SUR LES CHANGEMENTS CLIMATIQUES  
COP21·CMP11

Participation & raise awareness in:

- COP 20, 21, 22 & Lima-Paris Action Agenda
- Paris Agreement - opportunities
- Montreal Protocol
- World Health Assembly
- Sustainable Development Summit - SDGs
- UN Environment Assembly
- Regional events: Better Air Quality Conference, Joint Forum in Asia, LAC Conference on the regional air quality action plan....
- WHO: **Breathe Life**



## Collaboration with:

LEDS Global Partnership, Global Methane Initiative, Climate Knowledge Brokers Compact of Mayors We Mean Business



# 3. Leverage Finance at Scale

Help access finance – co-finance



**Black Carbon  
Finance Study  
Group report**



Development of a results-based funding mechanism in Penang, Malaysia

**Finance Innovation Facility  
feasibility study**



# 4. Enhance Science & Knowledge

How will SLCP Action contribute to the target to way below 2oC

- Latin American & Caribbean Regional **assessment** close to final; Asia and the Pacific started
- Global Manure Knowledge Kiosk, Bricks Knowledge Platform, Waste **Knowledge Platform** up and running
- National **Inventories** & assessment of HFCs, Bricks, etc.
- Annual **Science** Update, SAP briefings **Science Policy Dialogue**



HFCs



ASSESSMENTS



BRICKS



AGRICULTURE



WASTE



# Tools



**SNAP** Emission Scenario and Benefit Assessment Toolkit to characterize national SLCP emissions & the potential benefits of mitigating

Standard protocol to measure efficiency & black carbon emissions



**Global Open Burning**  
Mapping updated monthly

A policy planning decision-support tool and Emission Quantification for **solid waste management**



# Collaboration GMI - CCAC

- Complement Methane Initiatives: CCAC no work on waste water treatment or coal
- Work together on metrics and accounting for benefits – and demonstrate impact
- NDCs – capacity building
- SLCP Solution Center with knowledge platforms & expert assistance



# Demonstrate Impact Framework

**BENEFITS: Health. Near term climate. Agriculture and ecosystem . Energy efficiency .  
Changes in emissions**

## *Demonstrating Impacts*

### *Outcomes*

- Changes in technologies & practices
- Influenced laws & regulations
- Influenced policies & plans
- Strengthened Institutions
- Training

### *Outputs*

### *Outcomes*

- Commitments
- MEA influenced
- Media coverage

### *Outputs*

- Political outreach

### *Outcomes*

- Catalysed funding

### *Outputs*

- Co-funding

### *Outcomes*

- Knowledge dissemination
- Utilisation of tools

### *Outputs*

- Knowledge resources

## *Initiatives & other CCAC actions*

Catalyse  
ambitious action

Mobilise robust  
support

Leverage finance  
at scale

Enhance science and  
knowledge

5 - YEAR STRATEGIC PLAN

