Annual report 2018
initiatives achievements and outlooks
Current Focus

• **Multiple Benefits Pathway Framework**
• Scientific updates on methane and black carbon and mitigation potential in CCAC partner countries
• **Catalytic impacts of CCAC initiatives**
• Initiatives’ highlights from 2017-2018
• **Initiatives achievements using the Demonstrating Impacts indicators of the Coalition**

  o Data based on initiative progress reports, impacts reporting, and Partners in Action, CCAC media coverage, events and meetings since June 2017
Highlights of progress 2018

- Enhanced integrated climate and air quality strategies
- Robust framework for multiple benefits pathway approach developed and used
- Enhanced engagement with NDC process
- CCAC Talanoa submission – SLCP mitigation as part of increased ambition and contributing to Paris goal
- Advancing implementation of previous ministerial commitments
- Increasing catalytic impacts of CCAC SLCP mitigation measures
- Enhanced engagement at cities/municipal/sub-national level
Outputs and outcomes from our work

- $54M allocated to activities
- $42M co-funding from our partners
- 27 laws and regulations
- Over 30,000 person-days of training
- Over 100 policy and plans
- Over 100 entities implementing in 85 countries, 107 cities and 14 regions
- 48 countries with strengthened institutions
- 65 commitments
- More than 160 political outreach events
- More than 120 knowledge resources and tool
- 130 partners and over 300 other stakeholders implementing actions
Some demonstrated, catalyzed & expected impacts on the ground

**SNAP**
Measures included in Ghana’s national plan, could reduce BC emissions by 64% and methane by 67% in comparison to 2040. Some of these measures included in NDC.

**HOUSEHOLD ENERGY**
The Coalition is working towards transforming the cookstoves and fuels markets through standards and labelling in Guatemala, Nigeria, Ghana and Kenya.

**REGIONAL ASSESSMENT**
Asia-Pacific Air Pollution Solutions report shows that implementing top 25 clean air measures recommended by the regional assessment could lead to around 1 billion people enjoying air quality within the WHO Guidelines by 2030 and a decrease of the expected warming by 1/3°C by 2050.

**BRICKS**
Over 4,300 improved kilns in Bangladesh, Brazil, Colombia, India, Mexico, Nepal, Pakistan and Peru.

**FINANCE**
Household energy loan facility in Mongolia led to $600,000 of retail loans for clean household energy appliances, and application to GCF to scale-up. A Green Brick Programme in Bangladesh is leading to $10 million in investments for efficient tunnel kiln factories.
Identified mitigation measures in 8 Latin America cities could lead to emissions reductions of 17,000tCO2e per month
Mexico’s standards on heavy-duty vehicles could eliminate 6,800 premature deaths per year and bring single-year benefits of $123 billion. China VI emission standards for new heavy-duty vehicles could cut China's annual average PM2.5 and ozone concentrations by 5% and 2% in 2030, resulting in over 29,000 annual premature deaths avoided.
Agriculture

In pilot villages in India and Peru, open burning of agricultural residue reduced by up to 90% in the first year of initiative’s work. In Vietnam and Bangladesh, AWD technologies adopted by farmers.
HFCs: Cooling & Refrigeration

Successful technology demonstration in one supermarket in Chile led to **6 more adopting transcritical CO2** technology as alternative to HFCs, replication in Jordan, and 2 Chilean supermarket chains announcing installation of this technology in all new and updated stores. 6 more chains in the process of making the switch.
9 companies participating in oil and gas methane partnership reported 25,000 tons of methane emissions avoided over three years and 1,260 technology changes implemented.
Health & Air Pollution

Over 40 cities, regions, and countries, reaching over 79 million citizens joining BreatheLife campaign.
CCAC Solution Centre & Expert Assistance peer to peer
Solution Centre

Welcome to the CCAC Solution Centre, a place where you can find resources, training materials, and expert advice on a range of measures and policies to help reduce emissions of short-lived climate pollutants.

GUIDELINES AND TOOLS
Information to help implement SLCP reduction measures: guidelines, methodologies, alternate technologies, and assessment tools.

WEBINARS AND TRAINING
Improve knowledge and skills, develop strategies, or train others with these materials.

EXPERT ASSISTANCE
Get one-on-one consultation and advice on a range of short-lived climate pollution issues and actions.

RESOURCE LIBRARY
Browse all SLCP-relevant resources: scientific publications, research, webinars, infographics, and more.

www.ccacoalition.org/en/solution-centre
Expert Assistance

ABOUT THE SERVICE
Our Expert Assistance is a no-cost service that connects you to an extensive network of professionals for consultation and advice on a range of short-lived climate pollution issues and policies.

Experts will provide guidance on technological options, mitigation measures (like those carried out by our initiatives), funding opportunities, application of measurement tools, and policy development.

WHO CAN APPLY

HOW TO APPLY

TYPES OF ASSISTANCE

This service provides short-term assistance to:
- review draft strategies
- analyze optional measures or analytical approaches
- compile data and information
- share approaches conducted by others
- facilitate networking and links with peers

CONTACT US

CCAC Expert Assistance
experts@ccac.org

MEET THE EXPERTS

EXPERT ASSISTANCE
Experts will respond via email and/or phone to questions

YOUR QUESTION *
Please keep your request short and specific.

EXTERNAL SERVICES
- Clean Energy Solution Center > Assistance on clean energy policies
- LED’s Technical Assistance > Assistance on low emissions development strategies
- Climate Technology Center Technical Assistance > Assistance on climate technologies
5-Year Strategic Plan: 
Develop policies, regulation & practices to reduce SLCPs 
Catalyze ambitious action 

The CCAC will:

Provide support to Partners and key stakeholders to develop, enhance and implement national policies and action plans to reduce SLCPs, including actively facilitating peer-to-peer engagement to Partners who commit to take strong action to substantially reduce their SLCP emissions at scale. The CCAC will deploy Trust Fund resources in support of such engagement, where appropriate.
• Thank you
# Expert Assistance

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## Jon Bicket
**Director**
Business: Santos Perú
Lima, Peru
See external profile

Areas of expertise: Bricks production; emissions; taxation; finance; social assessment; policies; air quality monitoring; vehicle emissions norms; fuel economy specifications; vehicle inspection and maintenance.
Regions of expertise: Latin America and the Caribbean.
Languages spoken: English, French, Spanish, German, Russian.

## Driss Khouass
**Professor, Environmental Engineering**
Mohammed School of Engineering, Ecole Polytechnique d'Ingénieurs, Rabat, Morocco
Markets: Morocco
See external profile

Areas of expertise: Black Carbon and other pollutants (CO2, CO, CH4, SO2) emissions from coal production life cycle, emissions of Black Carbon and other pollutants; Environmental upgrading of steel kilns.
Regions of expertise: Global.
Languages spoken: English, French, Arabic.

## Katherine Blumberg
**Senior Fellow**
International Council on Clean Transportation (ICCT)
San Francisco, United States
See external profile

Areas of expertise: Fuel and vehicle regulations for light and heavy-duty vehicle efficiency; transport policy; climate and health science.
Regions of expertise: Global.
Languages spoken: English.

## Sudhir Gupta
**Consultant & Advisor**
Independent
Delhi, India
See external profile

Areas of expertise: Green Freight; Low carbon transport.
Regions of expertise: Global.
Languages spoken: English.
South-south peer exchange between Nigeria and India rural women groups on clean cooking and possible financing schemes (2016-completed)

Assistance to Uruguay to start developing their regulation to limit black carbon from heating in metropolitan area (2016-completed)

Assistance to the International Metropolis Training Center, Mashhad, Iran to introduce focus on short-lived climate pollutants and improved air (2017-completed)

Assistance to Cambodia to include SLCPs in the Environmental Code (2017-completed)

Assistance to Costa Rica to develop an SLCP Roadmap and integrate SLCPs in Climate planning (2018-ongoing)

Support to Paraguay for adoption of a Declaration on SLCP by the Committee on the Environment and Sustainable Development of the Parliamentary Confederation of the Americas (2018-completed)

Support to Rwanda for adoption of a Declaration on SLCP by the Committee on the Environment and Sustainable Development of the Parliamentary Confederation of the Americas (2018-completed)

Support to Rwanda in developing vehicle emission standards (2018-ongoing)

Assistance to Togo on needs assessment for AQ monitoring (2018-ongoing)

Assistance to Vietnam to finalise their new livestock law (2018-ongoing)

Assistance to Mongolia for the development of a youth outreach project on air quality - Green Passport & facilitate discussion among stakeholders (2018-completed)

Support to Paraguay in developing vehicle emission standards (2018-ongoing)