



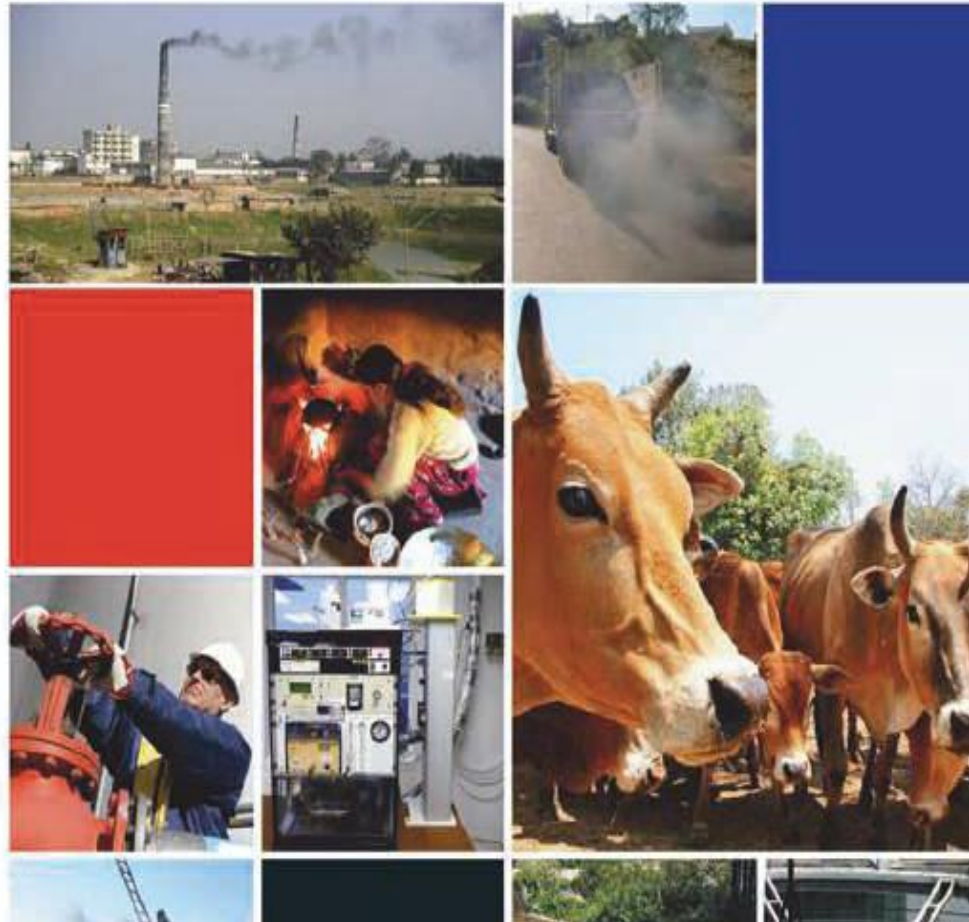
EPA
LIBERIA

Environmental Protection Agency

Ensuring environmental protection & conserving biodiversity

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**CLIMATE AND
CLEAN AIR
COALITION
(CCAC)**



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PRESENTATION OUTLINE



- ❖ Background
- ❖ Goals/Objectives of the CCAC
- ❖ Liberia - National Planning on SLCPs
 - Workstream: National Planning Support
 - Achievements
 - Challenges



BACKGROUND



THE SHORT-LIVED CLIMATE POLLUTANTS ARE:

ANTHROPOGENIC SOURCES

LIFETIME IN
ATMOSPHERE

Black
Carbon (BC)



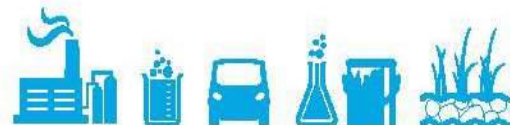
Days

Methane
(CH₄)



12 years

Tropospheric
Ozone (O₃)



Weeks

Hydrofluoro-
carbons (HFCs)



15 years
(Weighted by usage)

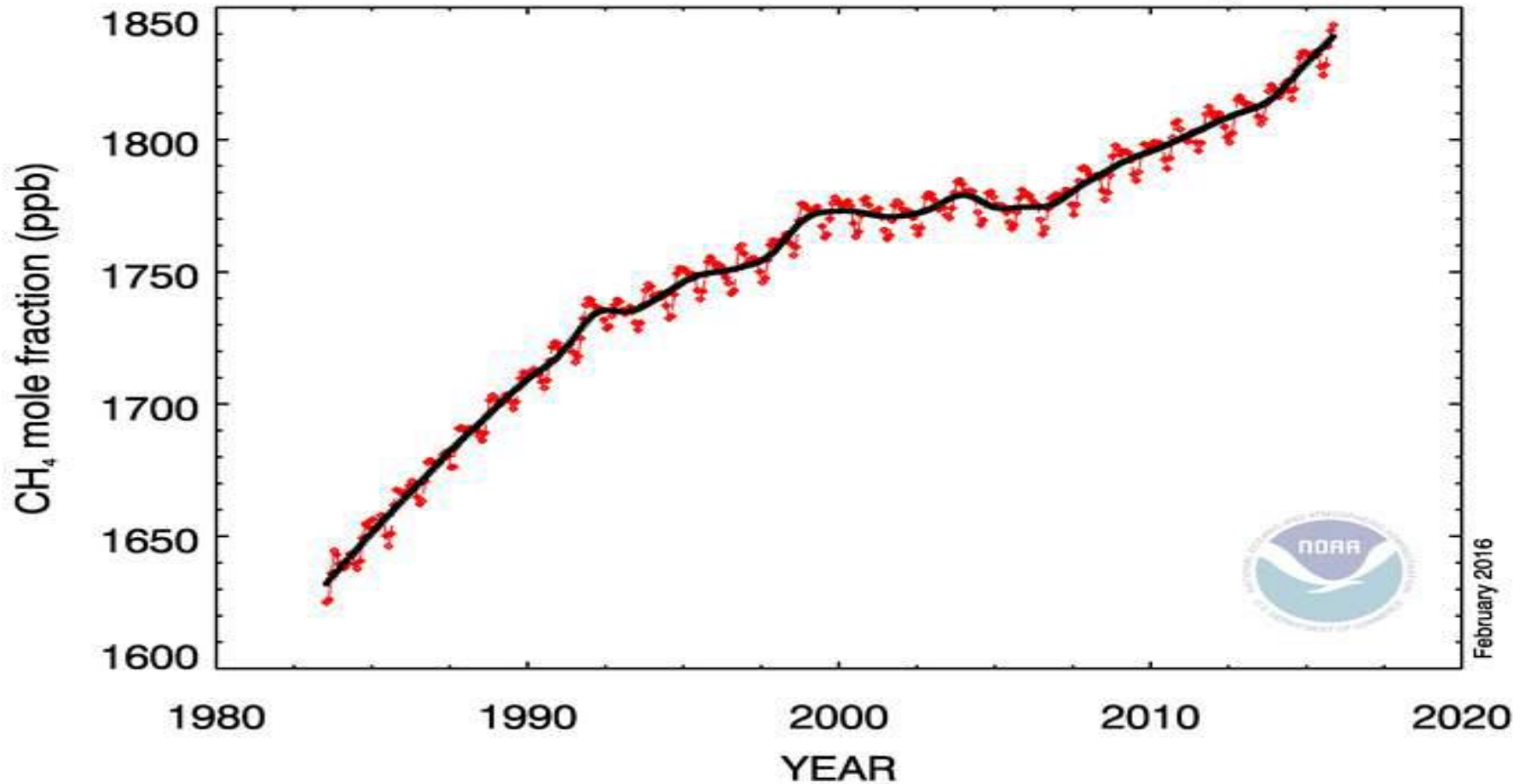
- ❖ Relatively short lifetime in the atmosphere and a warming influence on near-term climate.

BACKGROUND....



Methane emissions is growing....

GLOBAL MONTHLY MEAN CH₄



BACKGROUND



❖ The **Climate and Clean Air Coalition** to Reduce Short-Lived Climate Pollutants (CCAC) was launched by the United Nations Environment Programme (UNEP) and six countries — Bangladesh, Canada, Ghana, Mexico, Sweden, and the United States on 16 February 2012 with an aim:

- to catalyze rapid reductions in short-lived climate pollutants (SLCPs)
- to protect human health, agriculture and the environment.

❖ Liberia

- Joined the CCAC on **27 March 2014**
- Selected and served as one of six Steering Committee members (May 2017-2019)

Today the Coalition has **111** partners:

50 countries

16 IGOs

45 NGOs



- ❖ First global effort on collective SLCPs
Action voluntary, partner-led
- ❖ Catalytic
Complementary to CO₂ mitigation

- ❖ Action-oriented Partners on the ground
Scale up good practice Policy based on science

Goals/Objectives of the CCAC



- ❖ The Coalition's objectives are to address short-lived climate pollutants by:
 - Raising awareness of short-lived climate pollutant impacts and mitigation strategies and Enhancing and developing new national and regional actions
 - Promoting best practices and showcasing successful efforts and improving scientific understanding of short-lived climate pollutant impacts and mitigation strategies.

Liberia - National Planning on SLCPs



- ❖ Liberia joined the Coalition to raise national awareness about the dangerous impacts of short-lived climate pollutants (SLCPs) and strengthen its SLCP mitigation activities
- ❖ Represented by the Environment Protection Agency of Liberia, the country recognizes the extent to which SLCP reductions contribute to national and global environmental sustainability, and aims to share its experience in managing municipal solid waste.
- ❖ EPA Liberia seeks to fully:
 - Integrate SLCPs into the national climate change portfolio
 - Support the development of national air quality regulation
 - Develop a national SLCP plan

Workstream: National Planning Support



- ❖ The EPA has worked extensively with the Supporting National Planning (SNAP) Initiative to
 - Build integrated emission inventories to quantify emissions of SLCPs for the first time and
 - Increase technical and human capacity within government to mitigate short-lived climate pollutants (SLCPs) such as black carbon and methane.

- ❖ This work is paving the way for informed policy making and development of emission reduction strategies. ;

Workstream: National Planning Support



☐ Achievements

❖ Phase I – Institutional Strengthening and Black Carbon Inventory Support – Complete

- A cooperation agreement was signed between UNEP and the Environmental Protection Agency of Liberia (EPA) in 2015
- National Action & Planning (SNAP) Initiative aiming to sustainably increase human and technical capacity for SLCP undertaken
- National SLCP Unit established within EPA Liberia (to coordinate the project)
- A National SLCP Advisory Board was also established from relevant international organizations and sectoral government stakeholders (to coordinate national data collection, take stock of ongoing mitigation efforts)
- Workshops for awareness raising were held
- Identify key stakeholders (private companies, NGOs) and build national knowledge sharing platform

Workstream: National Planning Support



☐ Challenges

❖ Lack of projects because SLCP was not mainstream in the NDC

- With the national government plans to mainstream SLCP now into the NDC, this challenge will be improved upon;

