

# The Climate and Clean Air Coalition

to Reduce Short-Lived Climate Pollutants (SLCPs)

A voluntary global effort to mitigate SLCPs

>70 partners, >34 countries

[www.unep.org/ccac](http://www.unep.org/ccac)



CLIMATE AND CLEAN AIR COALITION  
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

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*SEI is an NGO partner in the CCAC*

# Pollutants of Concern..

- Particulate Matter:  $PM_{2.5}$ 
  - primary: BC, OC
  - secondary: sulphate, nitrate, ammonium
- Tropospheric ozone:  $O_3$
- Sulphur dioxide:  $SO_2$
- Nitrogen oxides:  $NO_x$
- Methane  $CH_4$

## ..and their Impacts

- Contribute to climate change – especially in the short term.
- Damage human health
- Reduce crop yields and change crop quality
- Cause acidification and eutrophication
- Reduce ecosystem carbon sequestration



# The SNAP Toolkit

- Provide national planners with estimates of the impacts of SLCP pollution and benefits of emission reductions related to:
- A toolkit that can be used by national planners with moderate levels of modeling expertise and where data is limited and of poor quality.
- Keep modeling as simple and transparent as possible

## Phase 1: Initial Findings

### Ozone: Premature Mortality in Bangladesh Due to Ozone Coming From

