Black Carbon Measures

Fast implementation of identified black carbon mitigation measures could reduce methane emissions in the Latin American and Caribbean region by nearly 69% compared to 2030 emissions of 146,000 tonnes growing to more than 88% by 2050. The reduction of particulate matter air pollution will provide significant immediate benefits for public health, especially amongst women and children.

- **Clean cooking and heating stoves**
- **Euro VI on new vehicles, including diesel particle filters (DPF)**
- **Eliminating high emitting vehicles**
- **Modernized coke ovens**
- **Modernized brick kilns**
- **High efficiency particulate matter controls in industrial biomass & waste combustion**
- **Enforced ban of open-field agricultural burning**
- **Reduced gas flaring**

Percentage of country-level emission reductions of black carbon in 2050 from measures compared to business-as-usual scenario:

- Caribbean -89%
- Mexico -81%
- Central America -89%
- Colombia -85%
- Ecuador -84%
- Bolivia -88%
- Peru -89%
- Brazil -90%
- Paraguay -89%
- Uruguay -63%
- Argentina -89%
- Chile -90%
- Venezuela -91%