

SOOT FREE BUSES IN LATIN AMERICA

Supporting cities' transition from diesel to soot-free engine technologies



**CLIMATE &
CLEAN AIR
COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS

Soot Free Urban Bus Fleets in Lima, Peru and Santiago, Chile

- Tailored action plan, for each city, to address specific city clean bus challenges
- Provide technical and policy support to implement city action plans
- Main results
 - Peru adopted 50 ppm Sulphur diesel and Euro IV
 - Santiago adopted Euro VI (first city at regional level in Latin America)
 - Santiago largest city in battery electric buses adoption outside China

Global Sulphur Strategy Implementation Support to Paraguay and Dominican Republic

- Technical Recommendations on:
 - Fuel Import desulfurization
 - Refinery desulfurization
 - Vehicle Emission Standards.
- Emission inventories, PM air quality studies and costs-benefits in both countries
- public awareness campaign and outreach materials

Main results:

- 15 ppm Sulphur diesel introduced in Paraguay
- First air quality studies in Dominican Republic

Strong progress on soot free buses in Latin America

Battery electric buses:

- 411 running in Santiago plus public tender for 2,000 more
- 90 running in Colombia plus 593 more in public tenders and new orders
- More coming in Costa Rica, Ecuador, Peru, Uruguay, Brasil and Argentina.

Euro VI Buses:

- 500 diesel Euro VI running in Santiago
- 741 natural gas Euro VI buses running in Bogota



More efforts still needed

- Delay in adoption of Euro VI for HDV
- Brasil still rules new trucks and buses market
- Brasil will probably adopt Euro VI in 2023
- Ultra low sulphur diesel is available mostly at big Cities but not at country level

Heavy Duty Vehicles Standards Globally

