

Country Presentation for the Roundtable Session

Transition to Soot-free Heavy-duty Vehicles and Fuels: Regional Workshop
for Southeast Asia

25 – 26 August 2021

Country: The Philippines



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



Existing Vehicle Emission and Fuel Standard

- **Vehicle Emission Standard:**

- Euro 3: Motorcycle/tricycles and mopeds
- Euro 4: Passenger vehicle
- Euro IV: Heavy-duty vehicle

- **Fuel Standard: Euro IV**

- Diesel: (Sulfur - 50 ppm)
- Gasoline (Sulfur - 50 ppm, Benzene - 1%, Aromatics - 35%)

Planned Regulation

- Adoption of higher vehicle emission standards by 2024 (either Euro 5 or Euro 6)
- Upgrading of the fuel standard by 2024 (10 ppm Sulfur)
- Modernization of Public Utility Buses (PUBs)
 - Ongoing development of the Philippine National Standard (PNS) for minibus and bus (target to start implementation by 2022)

Electrification for Heavy-duty Vehicles

- 10% penetration rate of electric vehicles for road transport by 2040 (this includes motorcycles/tricycles, cars, jeepneys and buses)
- Deployment of electric buses in Davao City (7 units) and Manila City (50 units) in partnership with the LGU and private sector
- Adoption and implementation of low carbon transport plans/ programs in 7 cities under the UNDP Project - Low Carbon Urban Transport Systems (LCUTS) in the Philippines
 - Target to introduce and operationalize at least 15-20 new hybrid or EVs for mass transit in pilot LGUs by 2022