Advances in Vehicle Emission Limits and Urban Mobility in Peru

Transport and Climate Change Week
September 2018
Background information

The problem

70 %

of the emissions in Lima and Callao originated from vehicles
(2004)
CLEANER FUELS
Diesel [S] < 50 ppm

2010
Lima – Callao
(DS N° 061-2009-EM)
CLEANER FUELS
Diesel [S] < 50 ppm

2012
Arequipa, Cuzco, Puno and Madre de Dios
(RM N° 139-2012-MEM/DM)
CLeaner Fuels

Diesel [S] < 50 ppm

2016
Junín, Tacna and Moquegua
(DS Nº 0909-2015-MINAM)
CLEANER FUELS
Diesel [S] < 50 ppm

2017
Ancash, Apurímac, Ayacucho, Cajamarca, Huánuco, Huancavelica, Ica, Lambayeque and Pasco
(DS N° 038-2016-EM)
CLEANER FUELS
Diesel [S] < 50 ppm
La Libertad
(DS N° 025-2017-EM)
Tentative proposal towards Euro 6

DB5 - S1500 for Loreto y Ucayali
(January 2019)

Start of commercialization of only two types of gasoline (G91 and G97) – S10.
DB5-S10 at national level, except for Loreto and Ucayali.
(January 2022)

DB5 - S50 for Tumbes, Piura, Amazonas and San Martín.
G90 - S50 at national level
(January 2020)

Euro 6 for all vehicles with at least 4 wheels – with spark-ignition (Gasoline GNV and GLP).
(January 2023)

DB5 – S10 for Loreto and Ucayali.
(April 2024)

Euro 6 for all vehicles with at least 4 wheels – with compression ignition (Diesel).
(July 2024)

…..additional to vehicle homologation, technical inspections and scrapping
**PROBLEMS AND ACTIONS**

Approximately **70%** of the health related air pollution in urban areas is originated from vehicles.

Ground transport accounts for approximately **9%** of the country’s GHG emissions.

This is why we have been working on the improvement of fuels and the adoption of cleaner and more efficient vehicular technologies.

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**ELECTRIC MOBILITY?**

Advantages of electric mobility:

- **ZERO EMISSIONS** generated by electric vehicles

By changing 5% of the vehicle fleet to EV a reduction of **480 K tCO₂eq** could be achieved by 2030.

It allows to diversify and increase the efficiency of the country’s energy matrix. **ENERGY SECURITY**
Scenarios

Scattered and non-integrated initiatives

Non-comparable pilots, scarce information for investors

Uncertainty about profitability and lack of funding

National goals, achieved under efficient management (synergies)

Demonstrations that validate investors' interest, aligned with national goals

Sustainable public and private projects
Thank you