



Republic of the Philippines
Department of Transportation

Developing Measures Related to Vehicle Safety and Environmental Protection

**6th Forum For Southeast Asia, 11th Public and Private Joint Forum in
Asian Region, 25th Asia Government and Industry Meeting**





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01

BACKGROUND

02

**PROCESSES ON
DEVELOPING MEASURES**

03

CURRENT INITIATIVES





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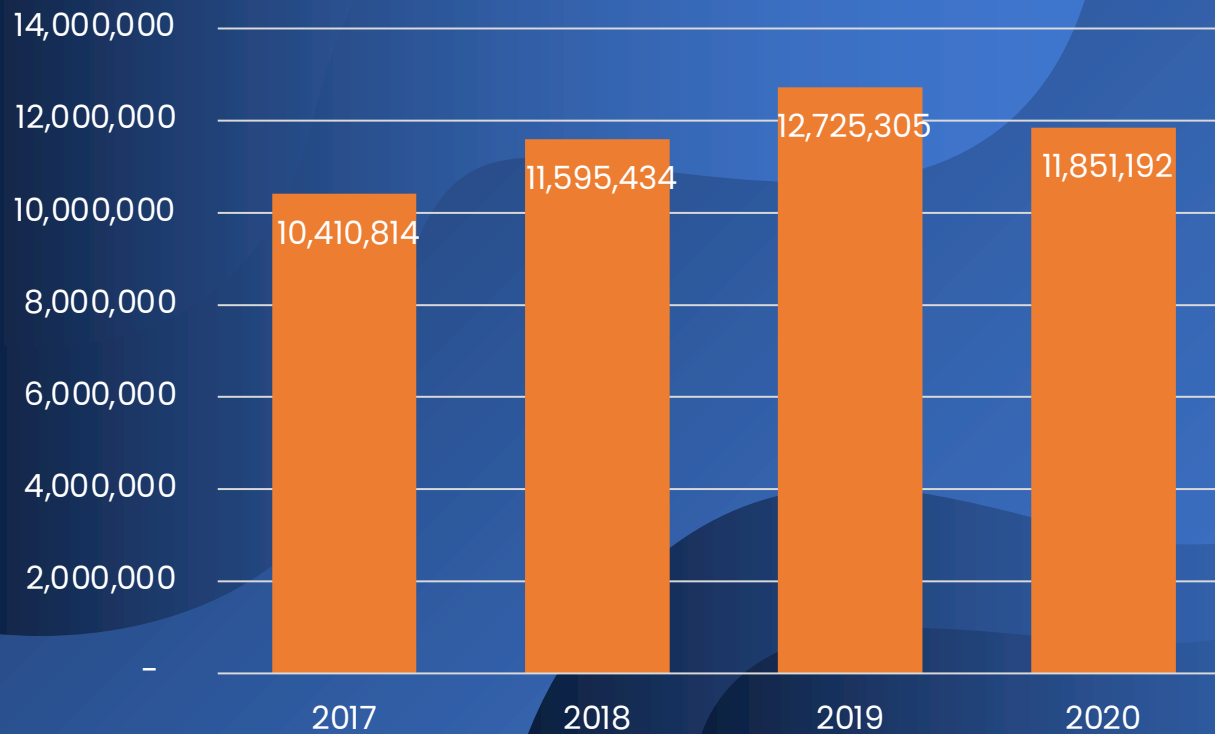
BACKGROUND





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REGISTERED MOTOR VEHICLES IN THE PHILIPPINES



In 2020, 7,328, 166 or **61.83%** of the total registered vehicles are **MOTORCYCLES.**



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NUMBER OF ROAD CRASH DEATHS UNACCEPTABLY **HIGH**

11,292
recorded fatalities

30 people
die per day

Majority are
20–29 year old

Most fatalities involve:

53% Motorcycles
19% Pedestrians



179,663

TOTAL NUMBER OF
JEEPNEY UNITS
(NATIONWIDE)



90%

15 YEARS OLD
AND ABOVE



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ENVIRONMENTAL
CONCERNS:
**HIGHER
EMISSIONS**

**INCREASED
URBAN POLLUTION**



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PROCESS OF DEVELOPING MEASURES IN VEHICLE SAFETY





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SAFE SYSTEM APPROACH

There's a shared responsibility between system designers (government, manufacturers) and the road users, for safe travel outcomes on the road network.

It is based on well-established safety principles — of known tolerance of the human body to crash forces, speed thresholds for managing crash impact energies and the capacities of vehicles and forgiving infrastructure to reduce crash impact energy transfers to humans.

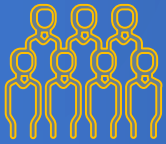




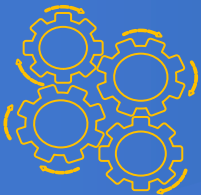
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RESEARCH / BASELINE FORMULATION OF PROPOSALS/STANDARDS



TECHNICAL WORKING GROUP MEETINGS STAKEHOLDER CONSULTATIONS



GOVERNMENT PROCESSES, PROCEDURES AND APPROVAL (DEPARTMENT ORDER, MEMORANDUM CIRCULAR, LAW, EXECUTIVE ORDERS)



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CURRENT INITIATIVES ON VEHICLE SAFETY AND ENVIRONMENT PROTECTION

Motor Vehicle Inspection System
Public Utility Vehicle Modernization Program
Low Carbon Transport Project

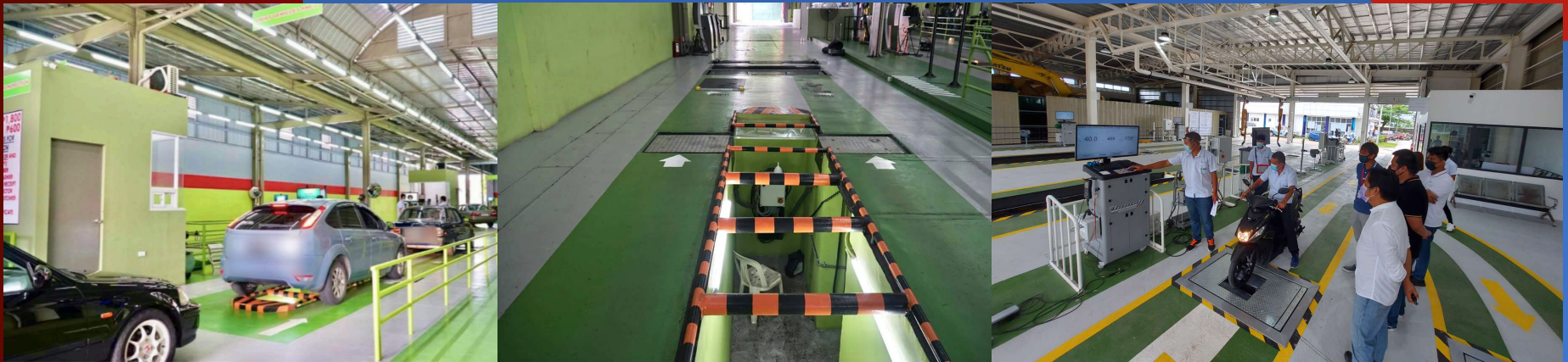




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MOTOR VEHICLE INSPECTION SYSTEM/ PRIVATE MOTOR VEHICLE INSPECTION CENTERS

Inspection of various types of vehicles, to ensure vehicle **roadworthiness and compliance with emission standards before registration**





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PROMOTION OF LOW CARBON TRANSPORT SYSTEMS IN THE PHILIPPINES

- POLICY SUPPORT
- INSTITUTIONAL CAPACITY DEVELOPMENT
- PRIVATE SECTOR PARTICIPATION & INVESTMENTS

**69,013 tCO₂e/
100 units of Electric Vehicles**

POLICIES, STANDARDS AND GUIDELINES BEING SUPPORTED

- Electric Vehicles and Charging Stations Bill
- Energy Efficiency Labelling Standards
- Motor Vehicle Road Users Tax
- Executive Order on LCT Interagency Committee
- Green Route Selection Guidelines
- Electric Vehicles Charging Protocols

Target direct GHG emissions reduced due to the project over the technology lifetime



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PUBLIC UTILITY VEHICLE MODERNIZATION PROGRAM

It is a **comprehensive system reform** that will entirely change the public land transportation industry.

New vehicle standards are being developed which is based on **extensive consultations** with involved government agencies, jeepney associations and local and international manufacturers.

The modern PUV are designed to be **environment-friendly, safe, secure and convenient.**





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THANK YOU!