



Republic of the Philippines

Department of Transportation and Communications



Republic of the Philippines

Department of Environment and Natural Resources

Kagawaran ng Kapaligiran at Likas na Yaman

Mainstreaming the National EST Strategy at the Local Level

Strategies, Action Plan and Good Practices

Philippines Country Report

E.C. Galvante Jr.

Department of Transportation and Communications

5th Regional EST Forum

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Bangkok, Thailand

The formulation of the Philippines' EST Strategy is supported by:



IGES



Outline

- I. Introduction
- II. Achievements in identified EST areas
- III. Future Strategies towards achieving sustainable transport

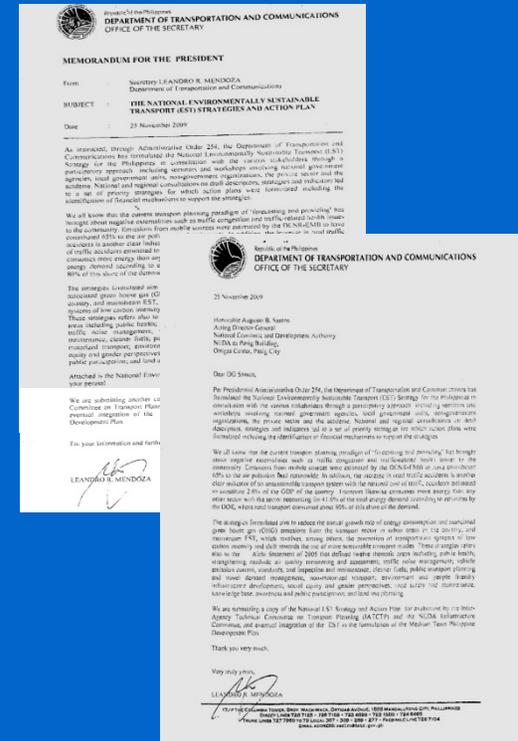
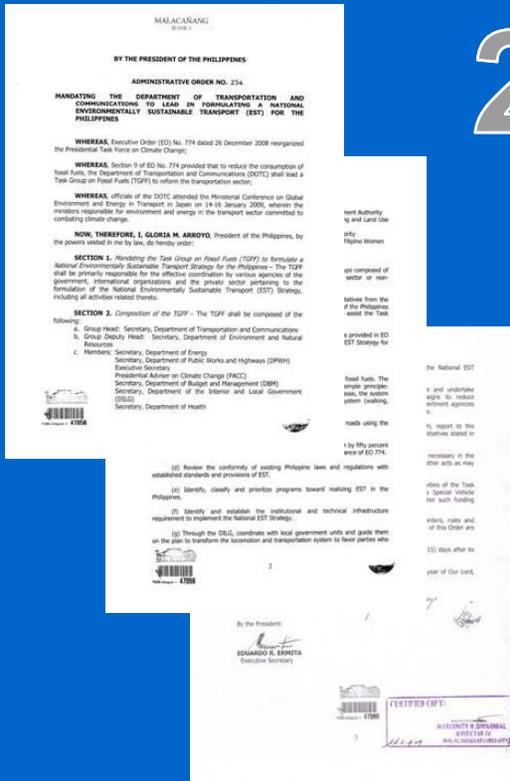
Introduction

1 Presidential Administrative Order No. 254 - Formulation of a National Environmentally Sustainable Transport Strategy for the Philippines

3 National EST Strategies, Indicators and Action Plans - Submitted to the Office of the Philippines President and the National Economic Development Authority

2 Regional Consultations

- **Iloilo City** – May 15, 2009 in cooperation with LTO Region VI and the Metro Iloilo – Guimaras Economic Development Council (MIGEDC)
- **Davao City** – May 22, 2009 in cooperation with the LTO Region XI, City Government of Davao, and the Energy and Clean Air Project (ECAP) of USAID
- **Baguio City** – June 11, 2009 in cooperation with the LTO-CAR, City Government of Baguio, and the Energy and Clean Air Project (ECAP) of USAID



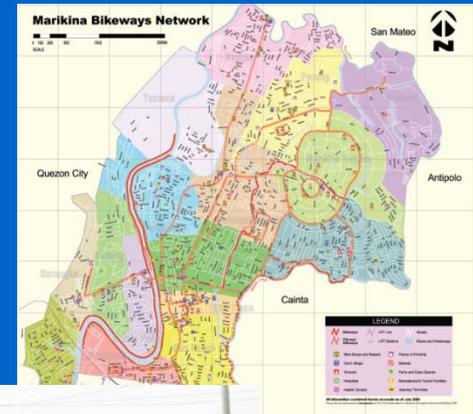
“Avoid” Strategies

On-going Programs/Projects

a) LAND-USE PLANNING

Integration of land use and transport policies

- Study on the Marikina Bikeways and search for EST leading practices for Highly Urbanized Cities (HUCs)
- Conduct of advocacy activities for LGUs
- Public Transport Strategic Plan for Metro Cebu
- Mega Manila Public Transport Planning Support System



b) PUBLIC TRANSPORT PLANNING AND TRAVEL DEMAND MANAGEMENT



Public transport network integration

- Closing the Loop for MRT-LRT Lines



“Shift” Strategies

On-going Programs/Projects

a) NON-MOTORIZED TRANSPORT (NMT)

Develop policies and guidelines for pedestrian- and cycling-inclusive land use planning

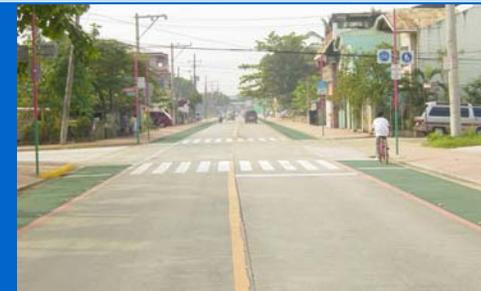
- Pedestrian and Bicycle ways in Marikina



Marikina

Provision of NMT facilities

- NMT-friendly cities (Makati, Marikina, Quezon City)
- Pedestrianization in Makati



UP, Quezon City



Makati City

“Improve” Strategies

On-going Programs/Projects

a) VEHICLE EMISSION CONTROL, STANDARDS AND INSPECTION AND MAINTENANCE

Establish motor vehicle standards on fuel economy and roadworthiness (in-use)

- Motor vehicle inspection system program, Phases 1 and 2 (11 Regional MVICs)

Strengthen road side apprehension on polluting and non-roadworthy vehicles (Intensify organization of Anti Smoke Belching Units)

- Anti smoke belching drive
- “Ligtas Hangin” advocacy campaign



“Improve” Strategies

On-going Programs/Projects

b) CLEANER FUELS

**Increase use of cleaner fuels for all vehicles
(reduction of use of conventional fuels)**

- Use of alternative fuels and modes of transport
- Biofuels Act



**Adoption of harmonized fuel quality standards
(Euro regulations)**

- Harmonization of biofuel blends (E10)



Improve distribution system for CNG

- Daughter Stations for Compressed Natural Gas (CNG)

“Improve” Strategies

On-going Programs/Projects

c) KNOWLEDGE BASE, AWARENESS AND PUBLIC PARTICIPATION

Capability building on road safety at the local level

- Development of Road Safety training modules
- Trainers' training in Mega Manila
- Regional Road Safety training program/seminar



“Cross-Cutting” Strategies

On-going Programs/Projects

a) ENVIRONMENT AND PEOPLE FRIENDLY INFRASTRUCTURE DEVELOPMENT

Provide seamless and secure transport systems

- Provision of intermodal terminals



b) TRAFFIC NOISE MANAGEMENT

Strict enforcement of motor vehicle noise regulations

- Enforcement of motor vehicle noise level standard



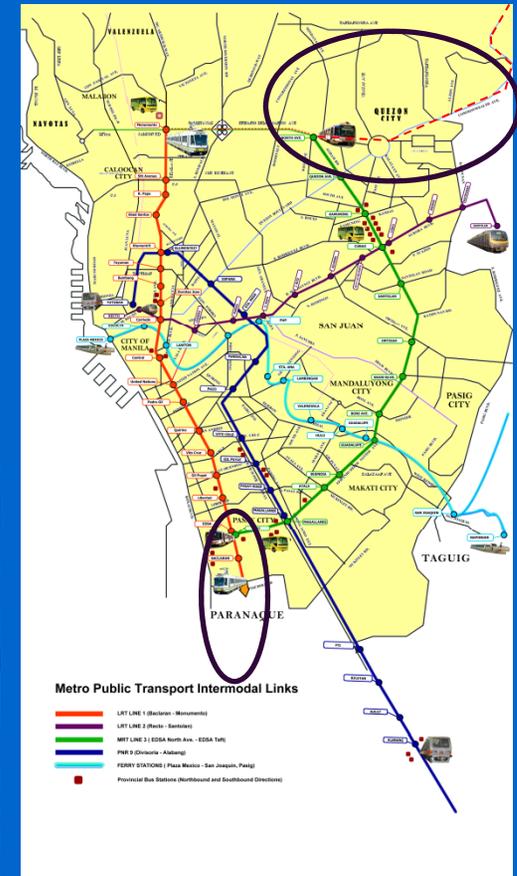
“Avoid” Strategies

Future Programs/Projects

PUBLIC TRANSPORT PLANNING AND TRAVEL DEMAND MANAGEMENT

Development of Mass Transit Systems

- Expansion of the LRT system
 - MRT 7 Project
 - LRT 1 South Extension Project
- Bus Rapid Transit (BRT) system for Metro Manila, Cebu and Davao
- Integrated ticketing system for Metro Manila’s rail system



Proposed Bus Rapid Transit in Cebu



Integrated Ticketing System

“Improve” Strategies

Future Programs/Projects

PUBLIC TRANSPORT PLANNING AND TRAVEL DEMAND MANAGEMENT

Develop and enhance appropriate freight transport policies

- Studies for rationalized truck routes



“Improve” Strategies

Future Programs/Projects

a) VEHICLE EMISSION CONTROL, STANDARDS AND INSPECTION AND MAINTENANCE

Establish motor vehicle standards on fuel economy and roadworthiness (in-use)

- Motor vehicle inspection center program, Phases 3 to 6



b) KNOWLEDGE BASE, AWARENESS AND PUBLIC PARTICIPATION

Establish Center for Research in EST (CREST)

- Established research center at University of the Philippines



NATIONAL CENTER FOR TRANSPORTATION STUDIES



b) KNOWLEDGE BASE, AWARENESS AND PUBLIC PARTICIPATION

Development of an integrated road accident database system

- Development of Road Accident Data system (RADSys)



“Improve” Strategies

Future Programs/Projects

b) KNOWLEDGE BASE, AWARENESS AND PUBLIC PARTICIPATION

Establish road safety research center

- Establishment of Center for Research on EST (CREST)



NATIONAL CENTER FOR TRANSPORTATION STUDIES



SOURCES OF FUNDS

- Special Vehicle Pollution Control Fund
- Development partners
 - JICA
 - KOICA
 - USAID
- Private sector
 - Philippines-Global Road Safety Partnership Program (PGRSP)
 - Partnership for Clean Air (PCA)

End of presentation

Thank you for your attention.

