



COUNTRY REPORT INDONESIA

**9th Regional EST Forum in Asia
17-20 November 2015
Kathmandu, Nepal**

ACHIEVEMENT

Strategies to avoid unnecessary travel and reduce trip distances

- The establishment of Master Plan of Jabodetabek (Jakarta, Bogor, Depok, Tangerang, Bekasi) that will be implemented by Jabodetabek Transportation Management Agency (BPTJ).
- Tangerang and Batam have enacted local regulation concerning land-use planning of the cities. The regulation gives orientation of development directed towards transit-oriented development (TOD).



Strategies to shift towards more sustainable modes

- Development of bicycle facilities in some cities:
 - ✓ Surabaya, total = 60,849m length in 2016
 - ✓ Batam, total = 78.32 km length in 2015
- Development of environmentally friendly pedestrian facilities :
 - ✓ Surakarta , in 4 main streets
 - ✓ Tangerang
 - ✓ Batam
 - ✓ South Tangerang



- Public transportation

- ✓ Jakarta : the operation of Transjakarta Busway which connect with feeder services
- ✓ Improvement of train facilities such as, all train stations are clean, safe and comfortable, efficient ticketing system and the special wagon for women.



Strategies to improve transport practices and technologies

- Diversify towards more sustainable transport fuels :
 - ✓ The use of natural gas for taxis and small public vehicle in Jakarta and Surabaya
- The MoT and MoEF is also addressing emissions from new type and in-use vehicles by produce several Regulations :
 - ✓ National Law No. 32/2009 on Environmental Protection and Management
 - ✓ National Law No. 22/2009 on Traffic of Road Transport
 - ✓ Government Regulation No. 41/1999 on Air Pollution Control
 - ✓ Ministerial Regulation No. 05/2006 of the Ministry for the Environment on the Safe Limit of Aged-Motorized Vehicle Emissions.
 - ✓ Ministerial Regulation No. 04/2009 of the Ministry for the Environment on the Safe Limit of New-Motorized Vehicle Emissions.
 - ✓ Ministerial Regulation No. 10/2012 of the Ministry for the Environment on Quality Standards of Exhaust Emissions of Motorized Vehicles of New Types in the L3 Category.
 - ✓ Preparation of the EURO 4 Implementation
 - Development automotive industry technology for Euro 4 standard
 - Euro 4 fuel preparation (especially Sulfur Content of 50 ppm)
 - Campaign "Use of Low Sulfur Fuel"



- Inspection and maintenance (I/M)
 - ✓ The Ministry of Environment and Forestry is preparing a revision of Government Regulation No. 41/1999 on Air Pollution Control. In the draft of this regulation will be put obligation of each vehicle to pass emissions test prior to vehicle registration renewal. It is to encourage people to be more attention to vehicle maintenance.
- Adopt Intelligent Transportation Systems (ITS)
 - ✓ The development of ERP (Electronic Road Pricing) in Jakarta.



Cross-cutting strategies

- Adopt a zero-fatality policy
 - ✓ Establish zero-fatality accident road map
- Promote monitoring of the health impacts from transport emissions and noise :
 - ✓ MoEF has executed Blue Sky Program since 1992. This program aims to control air pollution, including the one from mobile source.
 - ✓ Establish air quality and noise standards MoEF has issued a ministerial regulation on noise, which is rule number 14/2003.
- Implement sustainable low-carbon transport initiatives
 - ✓ Preparing the Ministerial Regulation for implementation of Euro 4 standard
 - ✓ Implementation of Eco Driving Program in Jakarta, Palembang and Surabaya



CRITICAL CHALLENGES FACTOR

- Unprepared the agencies that handle the fuel in the supply of fuel, especially for implementation of Euro 4 standard.
- No restriction on motorized transport year, causing non environmentally friendly old transport still on the road.
- No regulation on inspection and maintenance as an administrative requirement for acquiring driving license or vehicle registration renewal, this result on lack of awareness of vehicle owners to do emission test to keep ambience air quality to avoid health hazard.



MAJOR PLANS

- Surabaya : plan to develop mass rapid transit in Surabaya City such as tram and monorail which integrate pedestrian and tram shelter
- Surakarta : integrated mode of transport such as Batik Solo Trans
- Tangerang : plan to develop public transportation such as BRT-Transjabodetabek, Railway-Jabodetabek, and Local BRT-Tangerang
- Batam : plan to develop mass rapid transportation such as Batam Trans Bus and railway commuter



THANK YOU

