

# **Environmentally Sustainable Transport In Lao PDR**

***Seventh Regional EST Forum in Asia  
23-25 April 2013, Bali, Indonesia***

# Outline

- Background
- Current Status EST in Lao PDR
- Future EST Plan

# Background of EST

- 2004 - Lao PDR became a member of Environmentally Sustainable Transport (EST) Forum
- 2006- The EST project entrusted MCTPC (MPWT) with WREA (MONRE) supported by UNCRD
- 2008 - Division of Transport Techniques and Environment “DTE” was established under the Department of Transport to Develop the EST Strategy in Lao PDR
- 2009- the final draft of EST Strategy was approved by the National Environmental Committee (NEC) chaired by Deputy Prime Minister.

**UNCRD: United Nation Centre for Regional Development**

**MCTPC: Ministry of Communication Transportation Post and Construction**

**MPWT: Ministry of Public Works and Transport**

**WREA: Water Resource Environmental Administration**

**MONRE: Ministry of Natural Resource and Environment**

**DTE: Division of Transport Techniques and Environment**

# Current Status EST in Lao PDR

- Since 2010 the draft of EST Strategy in Lao PDR has been revised through the steering committee for development Land Transport Master Plan in Lao PDR (LTMP) Chaired by Vice Minister of MPWT
- Draft of Land Transport Master Plan in Lao PDR (LTMP) in comply with the VII National Socio-Economic Development Plan (NSED), and related new laws :
  - The LTMP consists of 5 thematic Areas:
    1. *Road Traffic Safety*
    2. *Road Passenger Transport*
    3. *Transport Logistics*
    4. *Environmentally Sustainable Transport “EST”*
    5. *Capacity Building and Strengthening Transport Enterprise*

# Current Status EST in Lao PDR

## ***EST Strategy in Lao PDR***

- **Public health**
- **Land use planning**
- **Environmental and people friendly urban transport infrastructures**
- **Traffic Noise Management**
- **Social equity and gender perspectives**
- **Public Transport Planning and Transportation Demand Management (TDM)**
- **Non- Motorized Transport (NMT)**
- **Vehicle emission control, standards, and clean fuels, and inspection & maintenance (I/M)**
- **Strengthening Knowledge base, awareness, and public participation**
- **Road safety and maintenance**

# Current Status EST in Lao PDR

- EST Strategy:
  - in the process of revising the final draft and to further preparing for government approval
- Introduction complementary projects and Cross-sectoral issues:
  - Comprehensive study on logistics system in Lao PDR, (JICA)
  - Comprehensive Vientiane Capital Urban Transport Master Plan in 2008
  - Vientiane Capital Urban Master Plan in 2011, (JICA)
  - Clean Development Mechanism (CDM), BOCM, NAMA, CO2 Credit in 2012
  - Preliminary Feasibility Study of Vientiane Sustainable Transport Project

# Current Status EST in Lao PDR

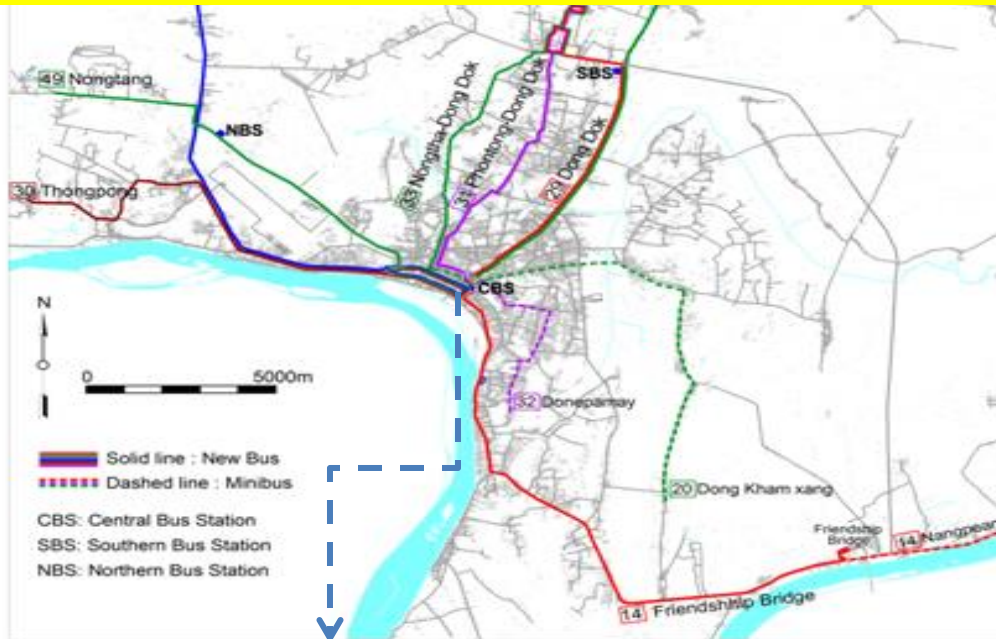
## Introduction complementary projects and Cross-sectoral issues (Cont.):

- Assistance (TA) for implementing (Project Preparatory Technical Assistance “PPTA”)
- Low Emission Transport Study in Lao PDR in 2012
- Preliminary Survey on Intelligent Transport System (ITS) in Lao PDR in 2012
- Enhancement of the capacity of Vientiane Capital State Bus Enterprise(VCSBE):
  - » Provided 42 new buses
  - » Passengers increase 40%
- Road Network Improvements (JICA)

# Current Status EST in Lao PDR

## Introduction complementary projects and Cross-sectoral issues (Cont.):

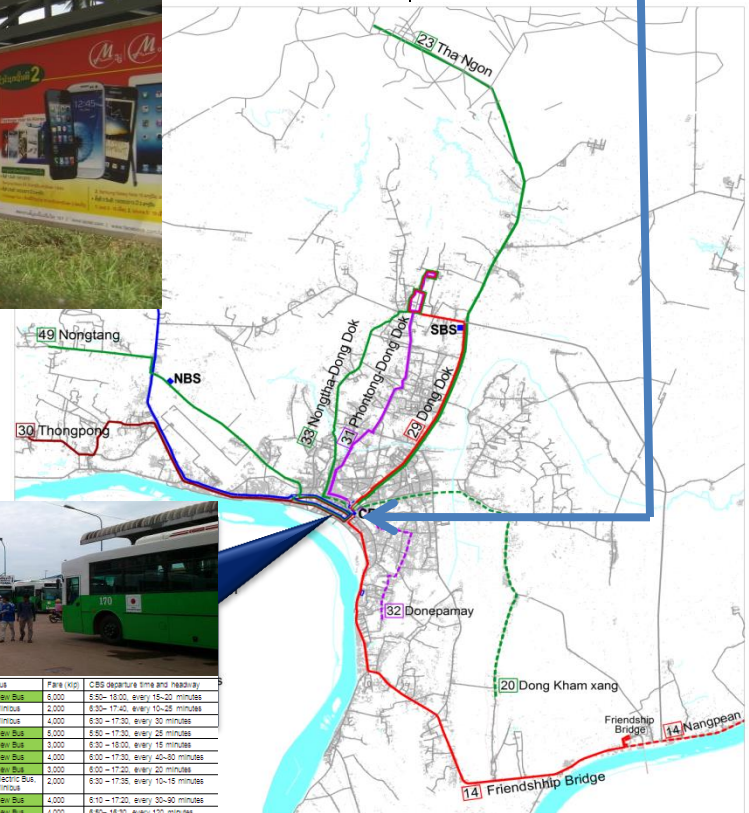
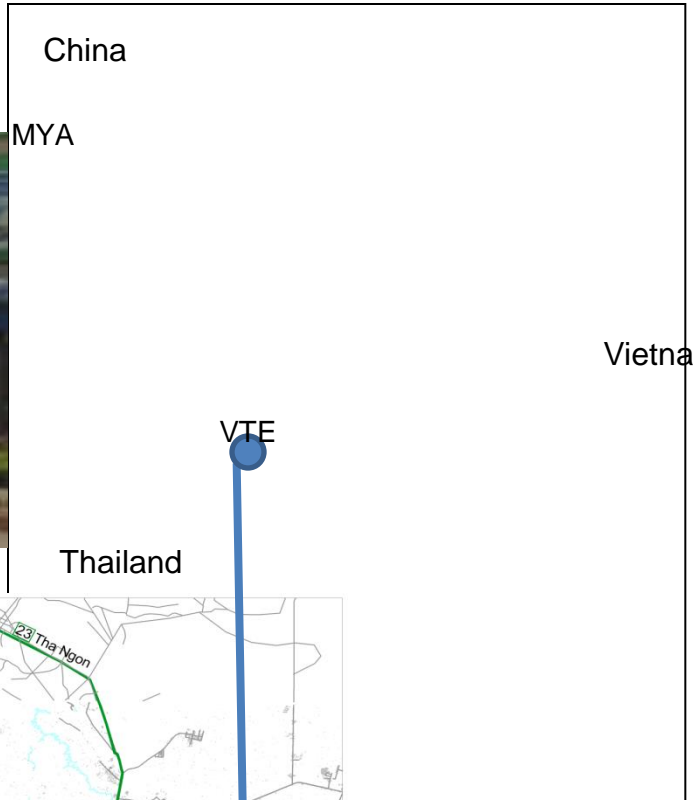
### - Introduction of efficient buses and provision of good services



No.	Route	Bus	Fare (kip)	CBS departure time and headway
14	CBS – Friendship Bridge	New Bus	6,000	6:50 – 18:00, every 15~20 minutes
14	Friendship Bridge – NANGPANG	Minibus	2,000	6:30 – 17:40, every 10~25 minutes
20	CBS- Dong Dok	Minibus	4,000	6:30 – 17:30, every 30 minutes
23	CBS- SBS - Thongpang	New Bus	5,000	5:50 – 17:30, every 25 minutes
29	CBS – SBS - Dong Dok- SGV	New Bus	3,000	6:30 – 18:00, every 15 minutes
30	CBS – Thongpang	New Bus	4,000	6:00 – 17:30, every 40~60 minutes
31	CBS – Thongpang – Dong Dok – SGV	New Bus	3,000	6:00 – 17:20, every 20 minutes
32	CBS – Dong Dok	Electric Bus, Minibus	2,000	6:30 – 17:35, every 10~15 minutes
33	CBS – Nongtang – Dong Dok – SGV	New Bus	4,000	6:10 – 17:20, every 30~90 minutes
49	CBS – NBS – Nongtang	New Bus	4,000	6:50 – 16:30, every 120 minutes

Note)  
 SGV: Sea Game Village  
 Thongpang (Route No.09) is an inter-province route operated by new bus





No	Route	Bus	Fare (kip)	CBS departure time and headway
14	CBS - Friendship Bridge	New Bus	5,000	6:50 - 18:30, every 15-20 minutes
14	Friendship Bridge - Nongpang	Minibus	2,000	6:50 - 17:40, every 10-20 minutes
20	CBS - Dong Chant Lapa	Minibus	4,000	6:30 - 17:30, every 30 minutes
21	CBS - SBS - Trai Luang	New Bus	5,000	6:50 - 17:30, every 25 minutes
23	CBS - SBS - Dong Dok - SGV	New Bus	3,000	6:30 - 18:50, every 15 minutes
29	CBS - Trai Luang	New Bus	4,000	6:50 - 17:30, every 20-30 minutes
30	CBS - Nongpang	New Bus	3,000	6:30 - 17:30, every 20 minutes
31	CBS - Phonsavan - Dong Dok - SGV	New Bus	3,000	6:30 - 17:30, every 20 minutes
32	CBS - Donepamay	Electric Bus	2,000	6:30 - 17:35, every 10-15 minutes
33	CBS - Nongpang - Dong Dok - SGV	New Bus	4,000	6:10 - 17:20, every 30-50 minutes
49	CBS - NBS - Nongpang	New Bus	4,000	6:50 - 18:50, every 120 minutes

# **Future EST Plan**

- **Conduct a review of EST/LTMP for the government approval**
- **Finalise EST Strategy and to be launched by August 2013**
- **Set up guideline of EST Strategy Development and its program arrangements , and prioritize activities and elaborate for the implementation, and to further propose for the financial and technical support and assistances...**

**Thank You Very Much For Your Kind Attention**