Thailand Country report Integrated Conference of Better Air Quality 2014 And

Intergovernmental 8th Regional Environmentally Sustainable Transport Forum in Asia

19 – 21 November 2014

Ministry of Transport and Ministry of Natural resources and Environment Thailand



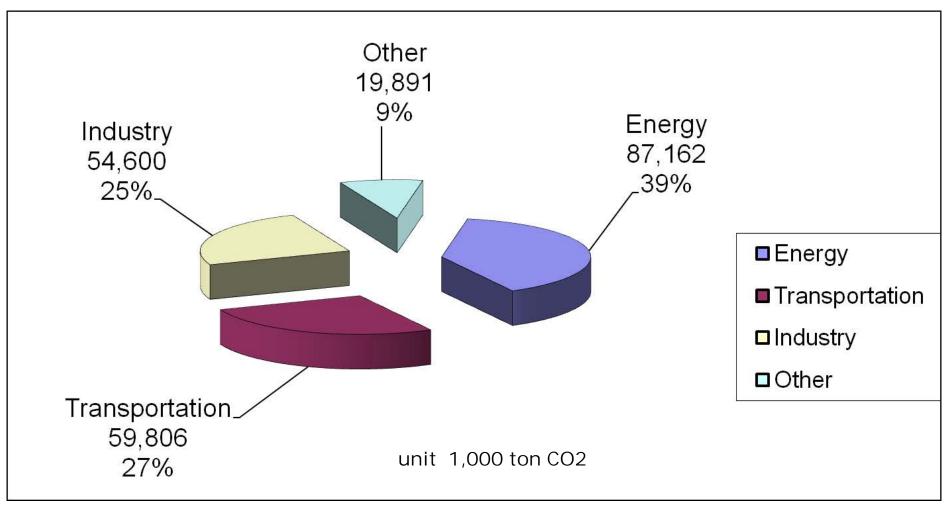
Topic

Background

Non - Motorized Transport :NMT Master plan

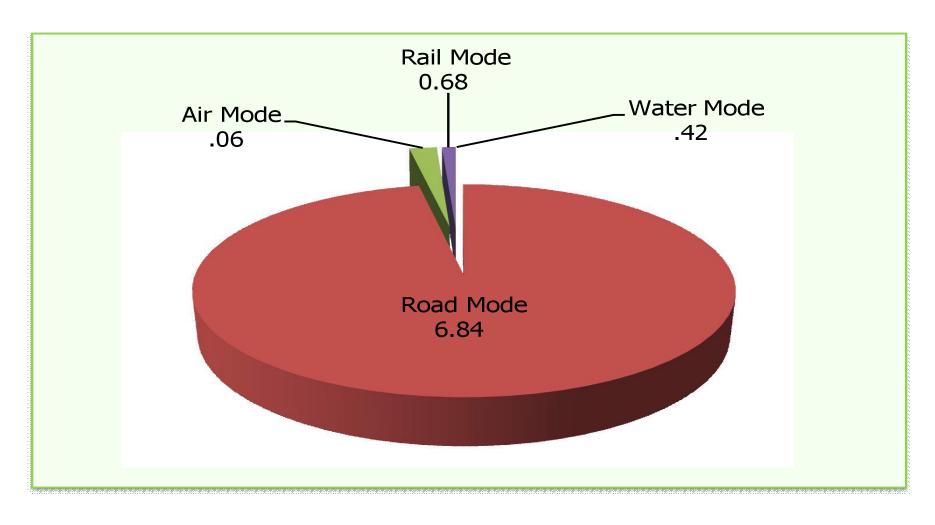


GHGs Emission by Sector: 2011



Source: Thailand Energy Statistic 2012

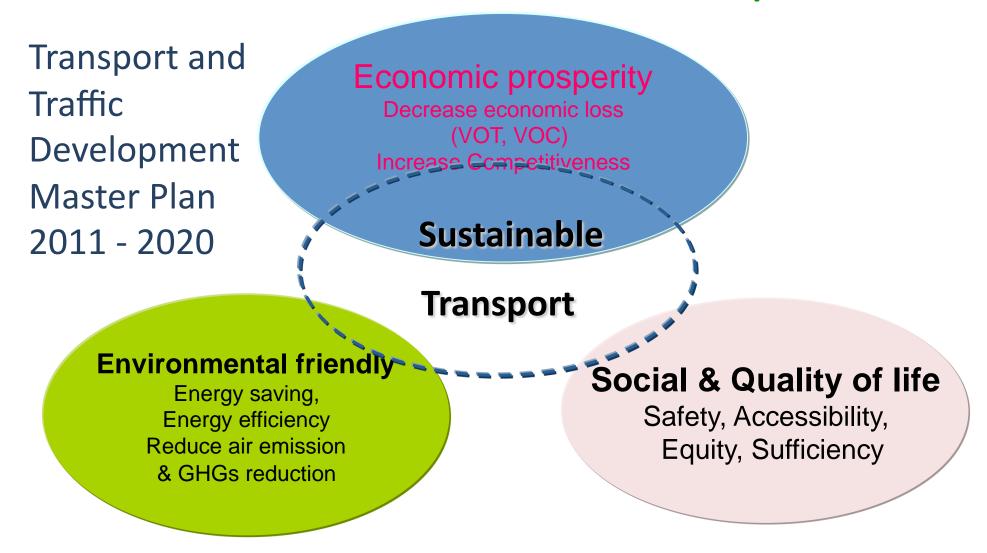
Volumes of Greenhouse gas released by Thailand's Transport Sector



Source: National Greenhouse Gas listing

Ministry of Transport

Vision: Toward Sustainable Transport



Master Plan Development

Internal Driving force

International Driving

Force: EST forum,
Rio+20, UNFCCC

Environment

Environmental Sustainable

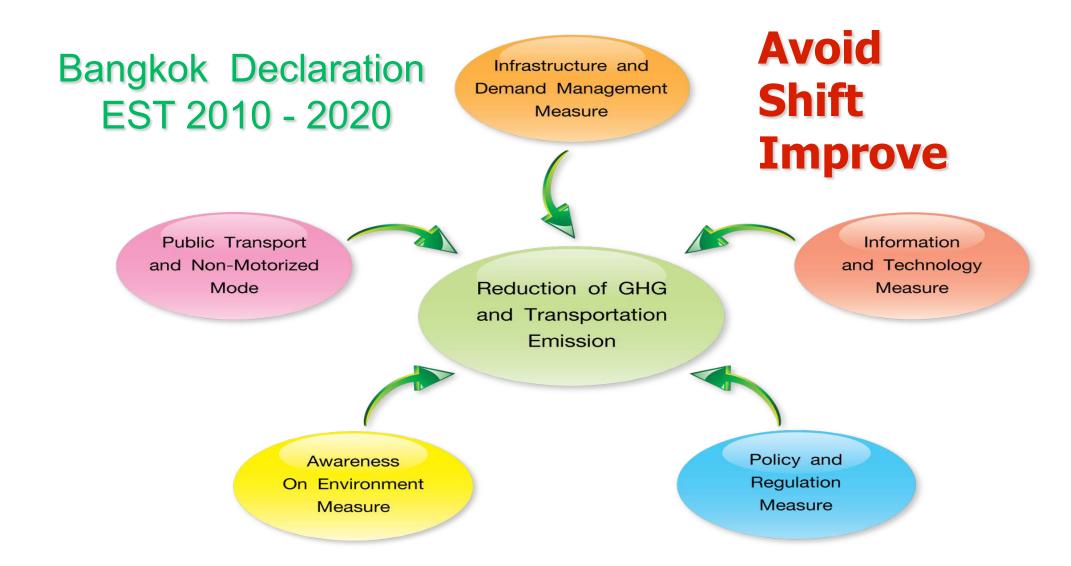
Transport

Masterplan

Economic

Social

SUSTAINABLE TRANSPORT MASTER PLAN



Strategy 1: *Upgrade capability of agencies and personnel for the development of an environmentally sustainable transport system.*

Strategy 2: Establish appropriate plans and mechanisms for interfacing and monitoring of transport and traffic work plans/measures/projects; and to move them forward to implementation.

Strategy 3: Establish comprehensive and inter-connected transport infrastructure.

Strategy 4: Efficient transport management for sustainability and greenhouse gas reduction.

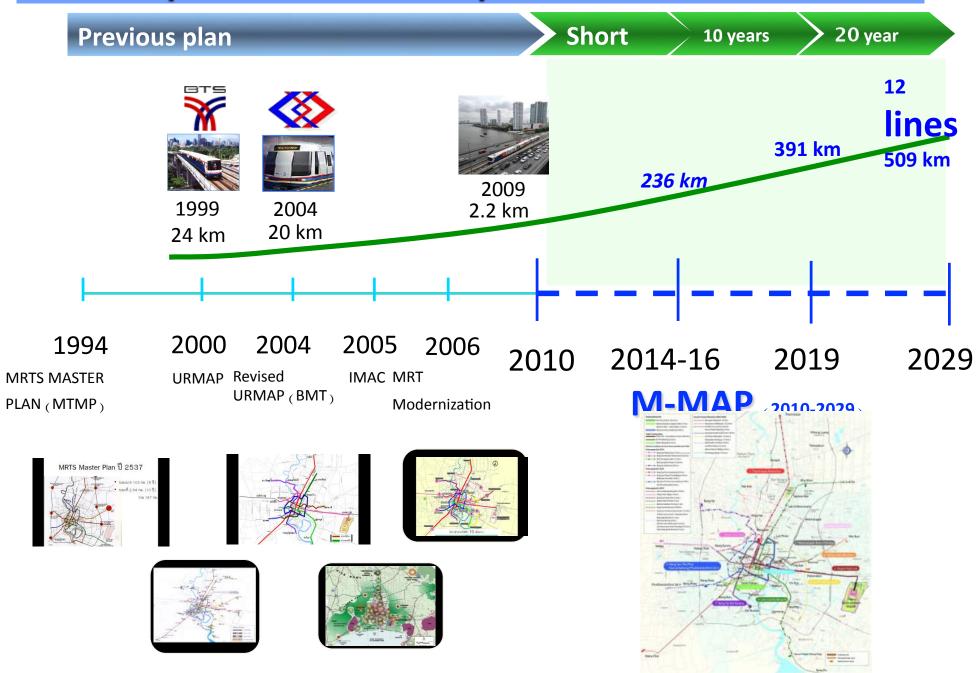
Strategy 5: Promote transport R&D and adoption of environment-friendly innovations and technologies.

Strategy 6: Promote public awareness of the environment.

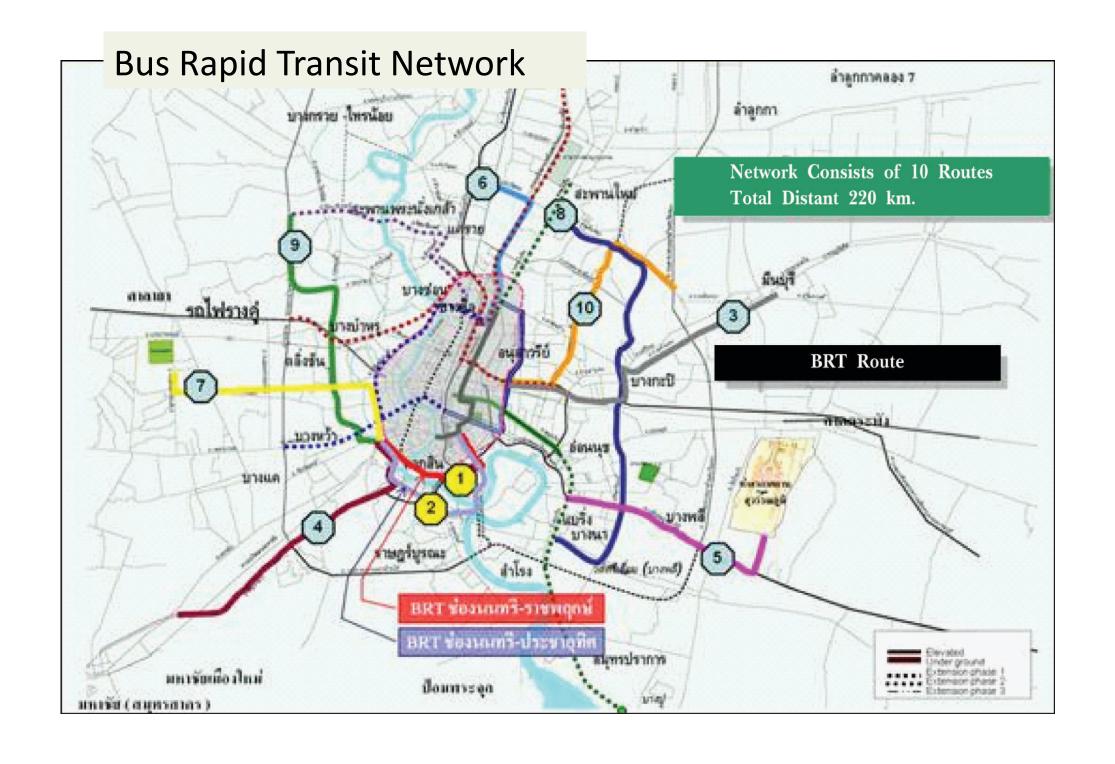
Potential GHGs reduction in Transportation Sector

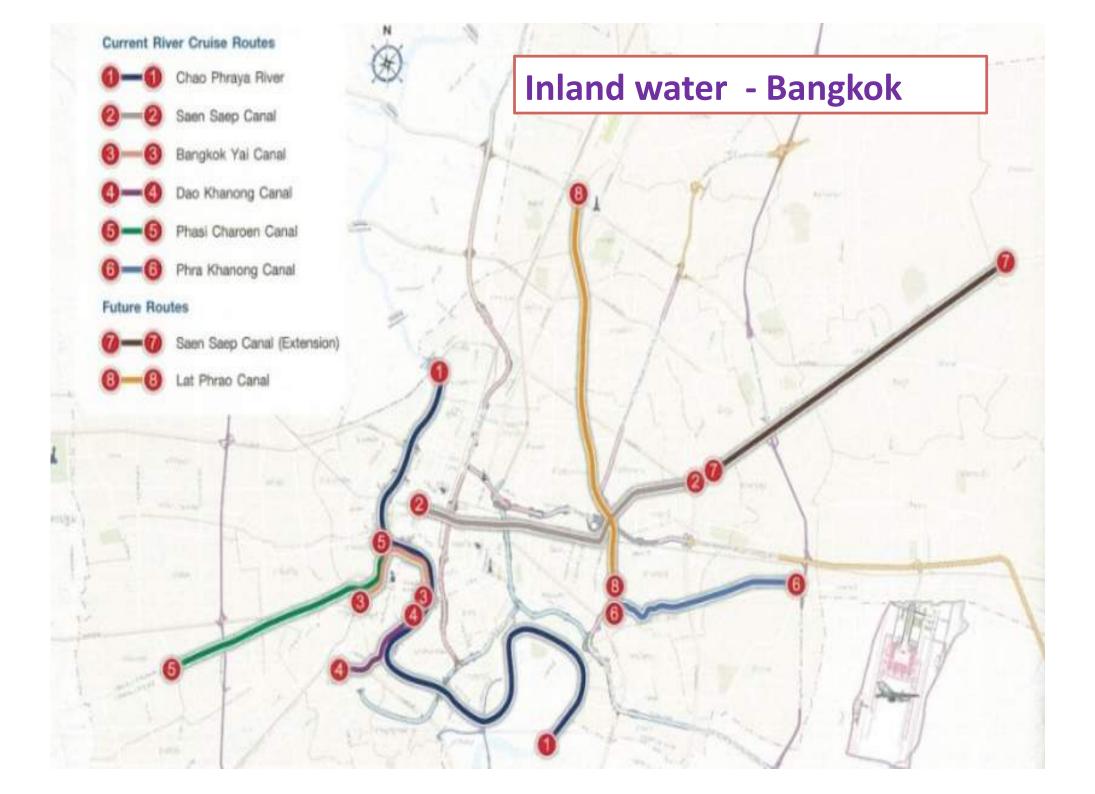
Year	GHGs at BAU (Million tons CO ₂ e)	Potential of GHGs reduction	
		(Million tons CO ₂ e)	%
2005	57.52	_	_
2017	67.53	11 - 13	16 - 19
2020	74.02	15 - 16	20 - 22
2030	102.82	27 - 30	26 - 29

Mass Rapid Transit Master plan





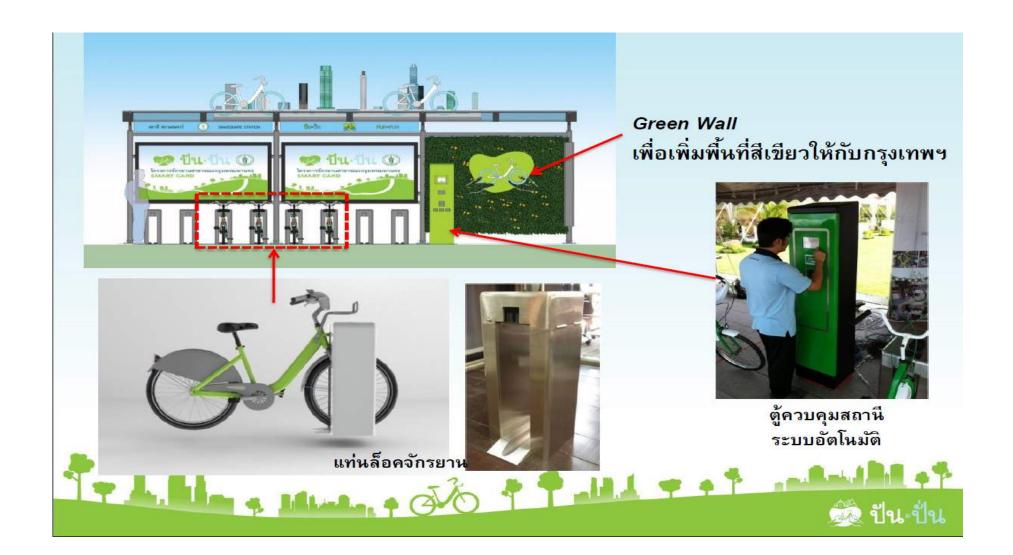






Current NMT Facility in Bangkok

Pun Pun Public Bicycle Project



Current NMT Facility in Bangkok

Pun Pun Public Bicycle Project



























Non-Motorized Transport (NMT) project

Non-Motorized Transport project

(started from 1 November 2013

31 August2014)

Connect the link between each mode of Transport

- 3 pilot projects in BMR
- 1 pilot"bicycle town"
- Energy consumption
- GHGs emission reduction

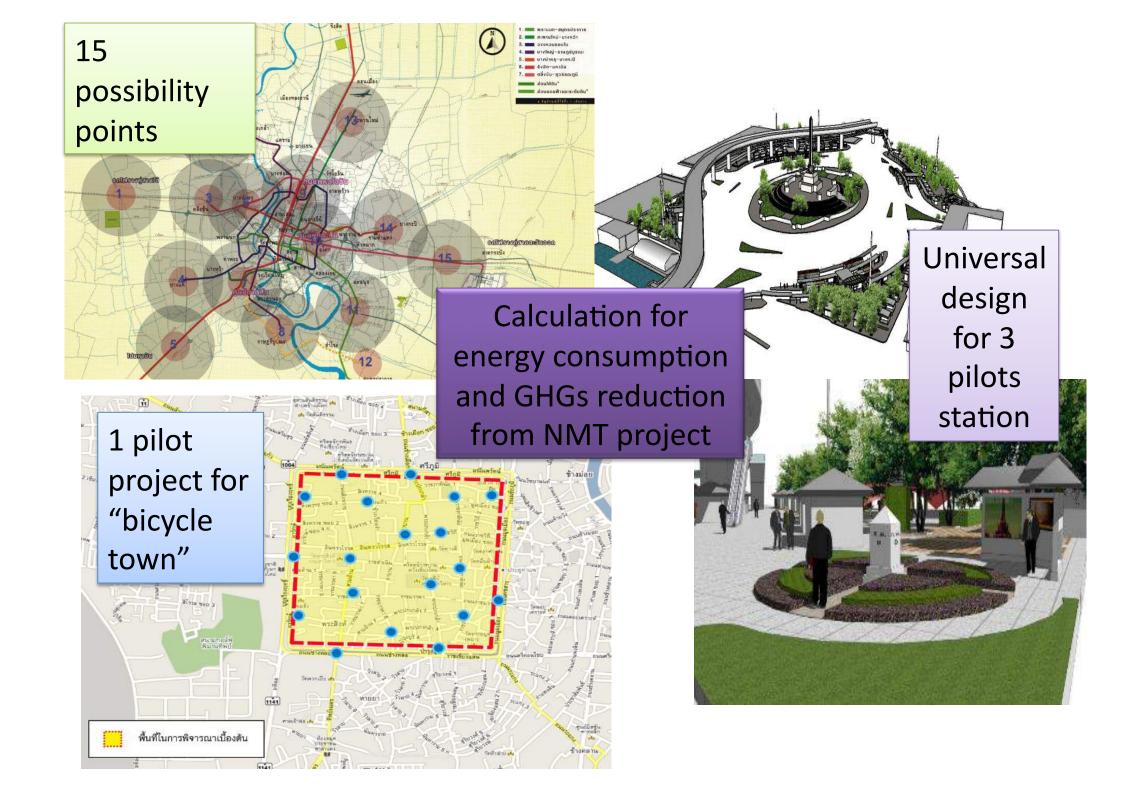
reduction

National Health Assembly



Cabinet

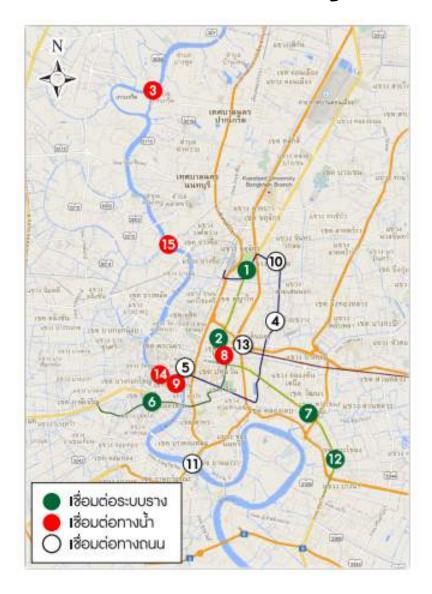
resolution on 19
November 2013
approved the
promotion of "Bicycle
use in daily life"



Target of OTP's NMT project

- To unify the policy of Non Motorized Transport in Public and Private sector in support of NMT in connection with Public Transport Modes
- To create NMT Master Plan that serve the transport need of the people in Greater Bangkok toward sustainable transport
- To create awareness and public participation in using NMT as alternative to private car

15 Possibility Points: BMR



- 1. Mor-Chi BTS Station
- 2. Phayathai BTS Station
- 3. Pakkret Boat Station
- 4. Pharam 9 MRT Station
- 5. Hualumpong Bus Station
- 6. Phonimit BTS Station
- 7. Prakanong BTS Station
- 8. Sapan Withayu Boat Station
- 9. Ratchawong Boat Station
- 10. Ladprow Bus&MRT Station
- 11. Pharam 9 Bus Station
- 12. Udomsuk BTS Station
- 13. Ratcharop BTS Station
- 14. Sapan Phut Boat Station
- 15. Wat Tuk Boat Station

3 Pilot Project : Details Design









Mor Chit Bus & BTS Station

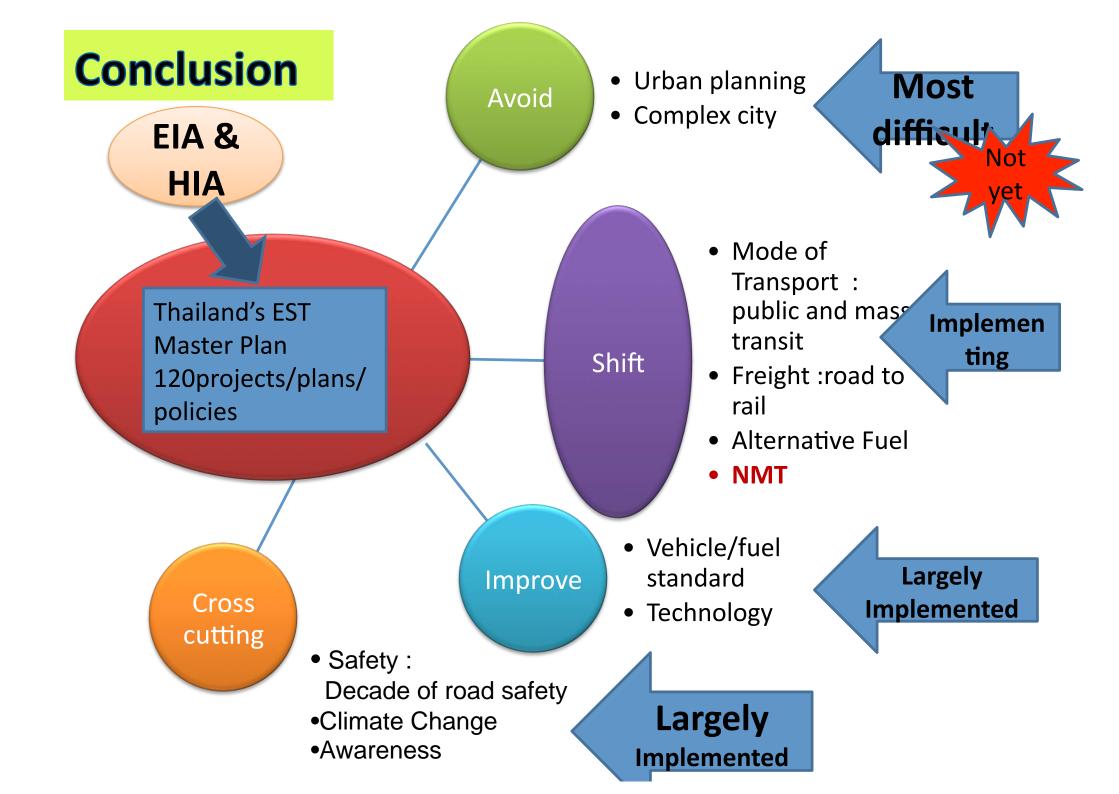
Phayathai BTS Station Pak-Kret Boat Station



NMT connect with Bus & Rail System

NMT connect with Rail System

NMT connect with Inland -water System







Thank you for your attention

