



# Thailand's Environmental Sustainable Transport

6<sup>th</sup> EST

4<sup>th</sup> December 2011

New Delhi, India

Office of Transport and Traffic Policy and Planning (OTP)

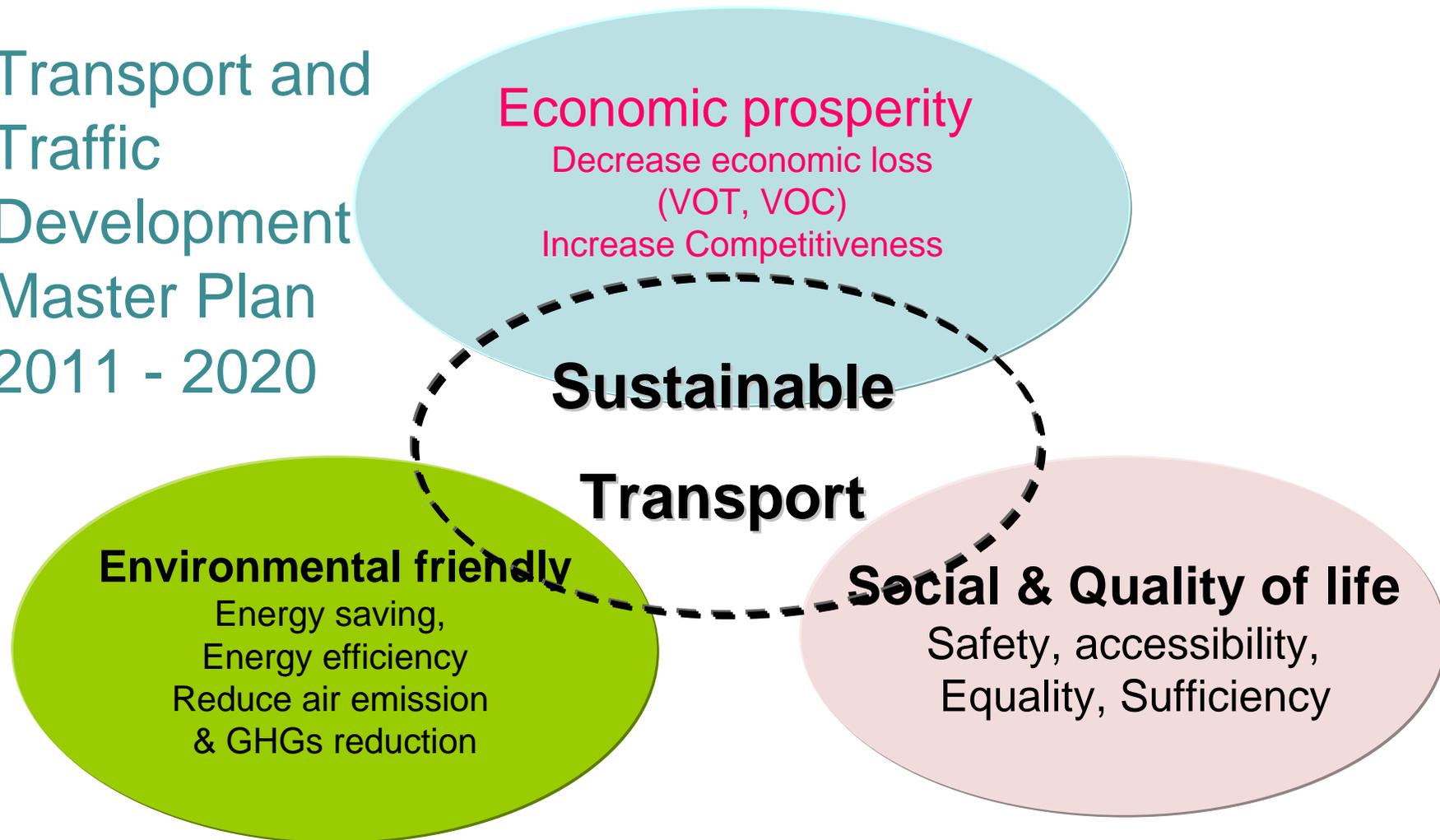
Ministry of Transport



# Ministry of Transport

## Vision : Toward Sustainable Transport

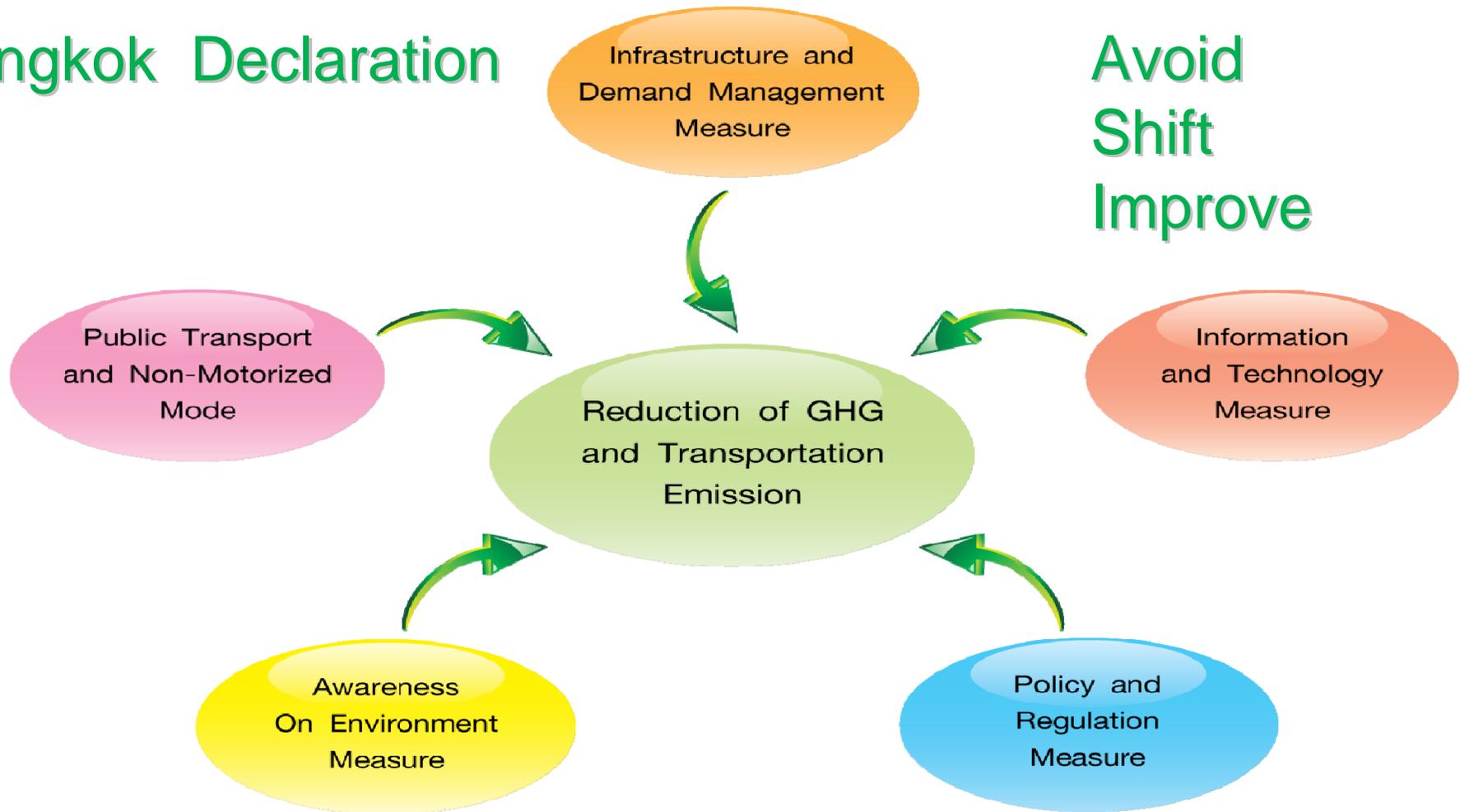
Transport and  
Traffic  
Development  
Master Plan  
2011 - 2020



# SUSTAINABLE TRANSPORT MASTER PLAN

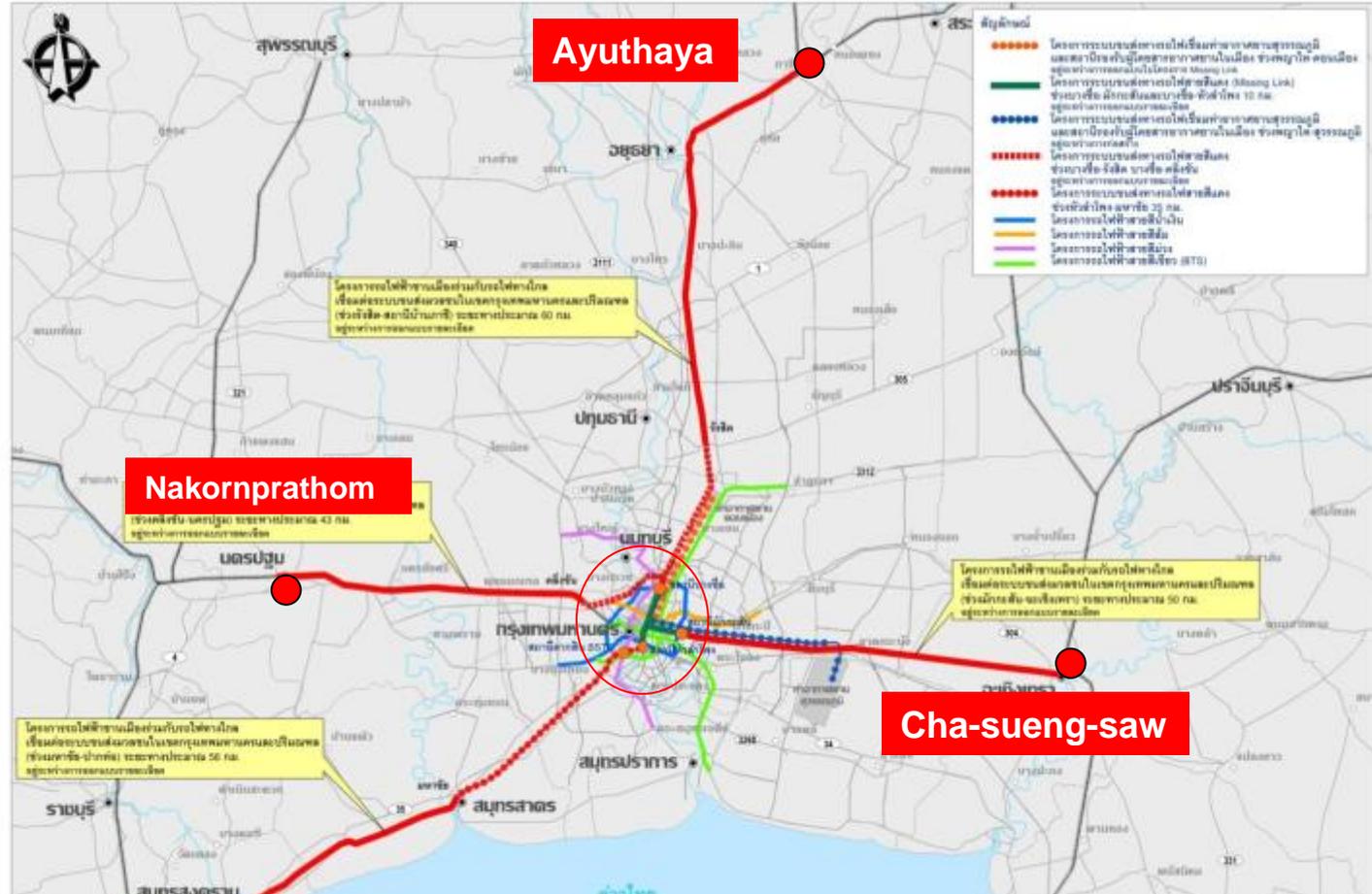
Bangkok Declaration

Avoid  
Shift  
Improve

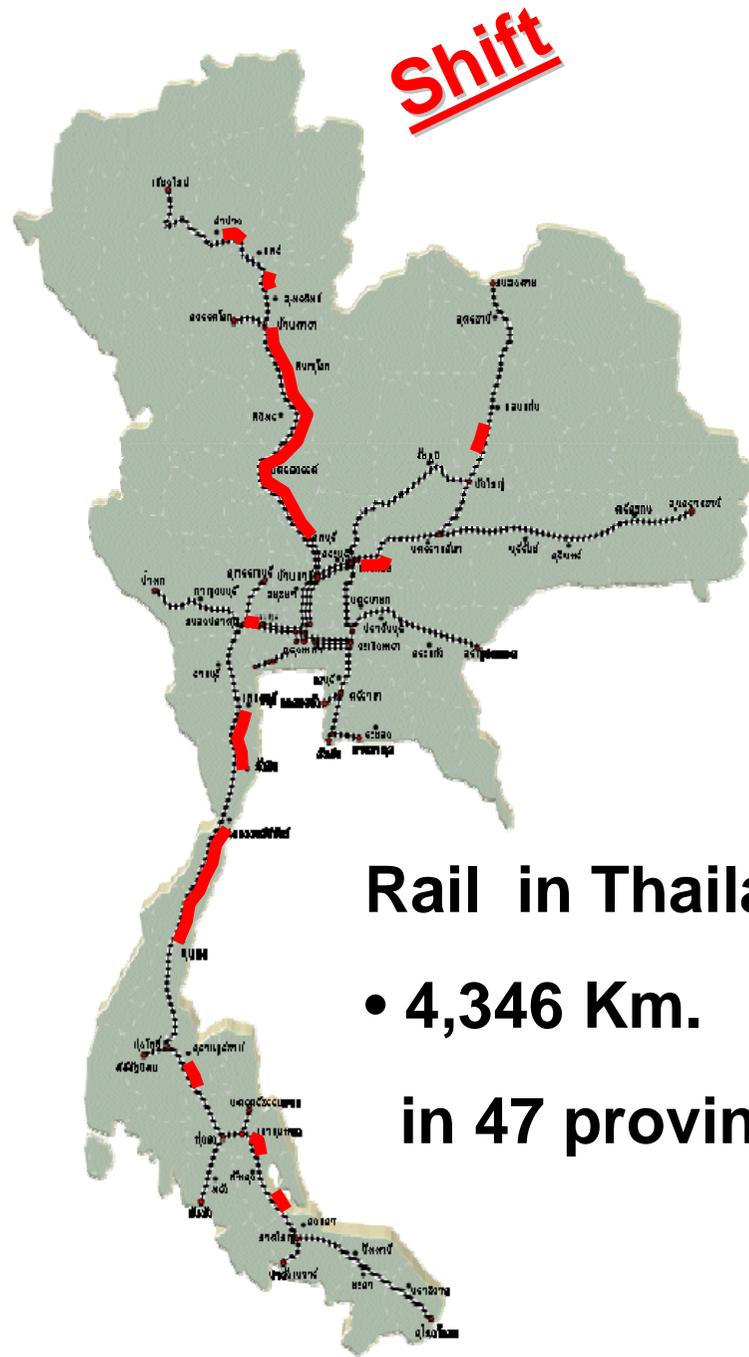


# Shift

# Avoid – Shift – Improve Concept



Inter-city train: reduce the demand of private vehicle



## Rail in Thailand

- 4,346 Km.
- in 47 provinces



## Rail Improvement (Year 2010-2514 Total Cost Bt153 billion)

- **New Double-track Rail 767Km.**
- **Improve Sleepers (Wood to Concrete)**
- **Buy new Locomotives**
- **Improve Train-Road Barriers**

# Shift & Improve

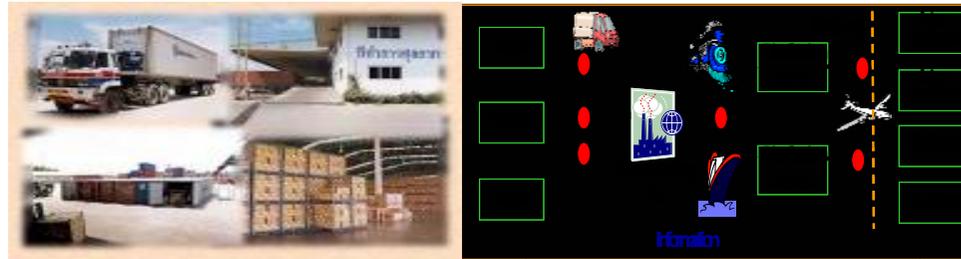
## Mass Transit Master Plan (2010-2029)

1. Commuter Train lines and Airport Link 3 lines 176 Km. (Existing 36.4 Km.)
2. Mass Rapid Transit 5 lines 217 Km. (Existing 43 km. Under Con. 20 Km. In process 23 Km.)



**Shift & Improve**

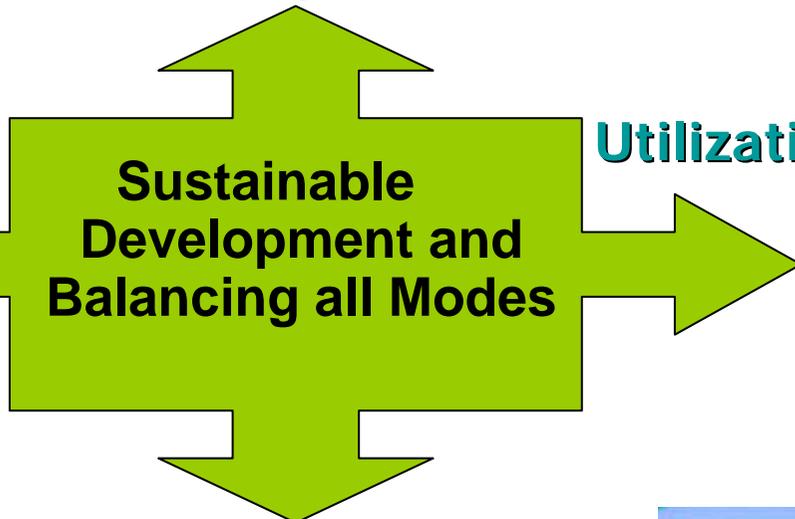
# Transport Development



## Transport Logistics Node



Modal Shift



Utilization



Missing Link



# Conclusions

- **11th Thailand National Economic and Social Development Planning (2012 – 2017)**
  - **Sustainable and Sufficiency Economy**
  - **National Transport Master Plan (2011 – 2015)**
  - **Environmental Sustainable Transport Master Plan**
    - » (2013 – 2018)
  - **Sustainable Transport Committee**
    - : Chair by permanent secretary of MOT

**National Target of GHGs reduction by each economic sector will be set**

**NAMAs and MRV and other market base mechanisms will be concern as tools of GHGs reduction.**



**Thank you**

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