



VIET NAM

# Government's plan

**1. Viet Nam Sustainable Development Strategy from 2011 to 2020  
(Decision No. 432/QĐ-TTg dated 12 Apr 2012 of Prime Minister)**

**2. Viet Nam National Green Growth Strategy from 2011 to 2020 and  
vision to 2050 (Decision No. 1393/QĐ-TTg dated 25 Sep 2012 of  
Prime Minister)**

**3. National Strategy on Climate Change From 2011 to 2020 and vision  
to 2050 (Decision No. 2139/QĐ-TTg dated 05 December 2011 of  
Prime Minister)**

**4. Scheme on GHG emission management from 2012 to 2020  
Decision No. 1775/QĐ-TTg dated 21 November 2012 of Prime Minister**

**5. Roadmap to introduce Emission Standards for new domestic  
manufactured and/or imported Automobiles and Motorbikes  
Decision No. 49/2011/QĐ-TTg dated 01 Sep 2011 of Prime Minister**

# Indicators and Targets

- Year 2017:

Apply Euro 3 for motorbikes and Euro 4 for automobiles

- Year 2020:

- 20% buses and taxi use CNG and LPG

- GHG from energy and transport sector decrease 8%  
(in comparison with 2005)

- Public transport in urban area: 25 – 30%

- Year 2022: Apply Euro 5 for automobiles

- Year 2050: 80% buses and taxi use CNG and LPG

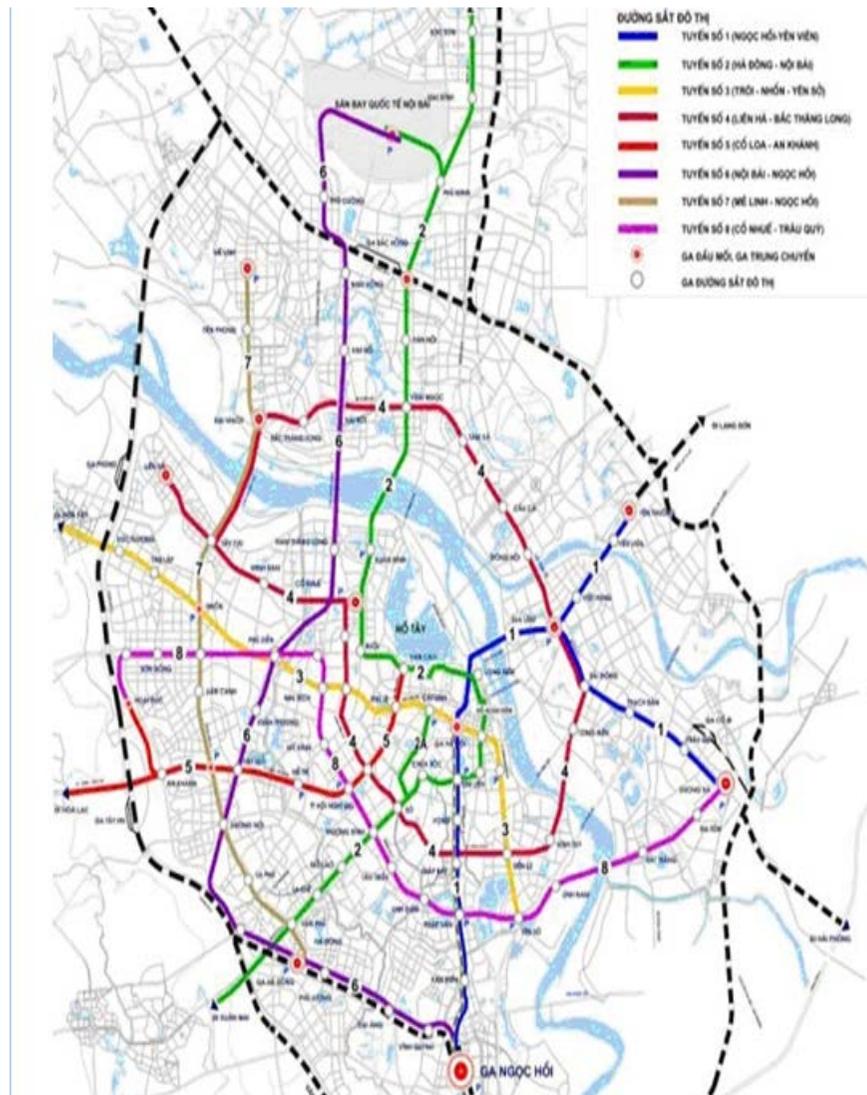
# Introduction of LRT to be Implemented

**URBAN RAILWAY  
IN HA NOI  
(June 2015)**

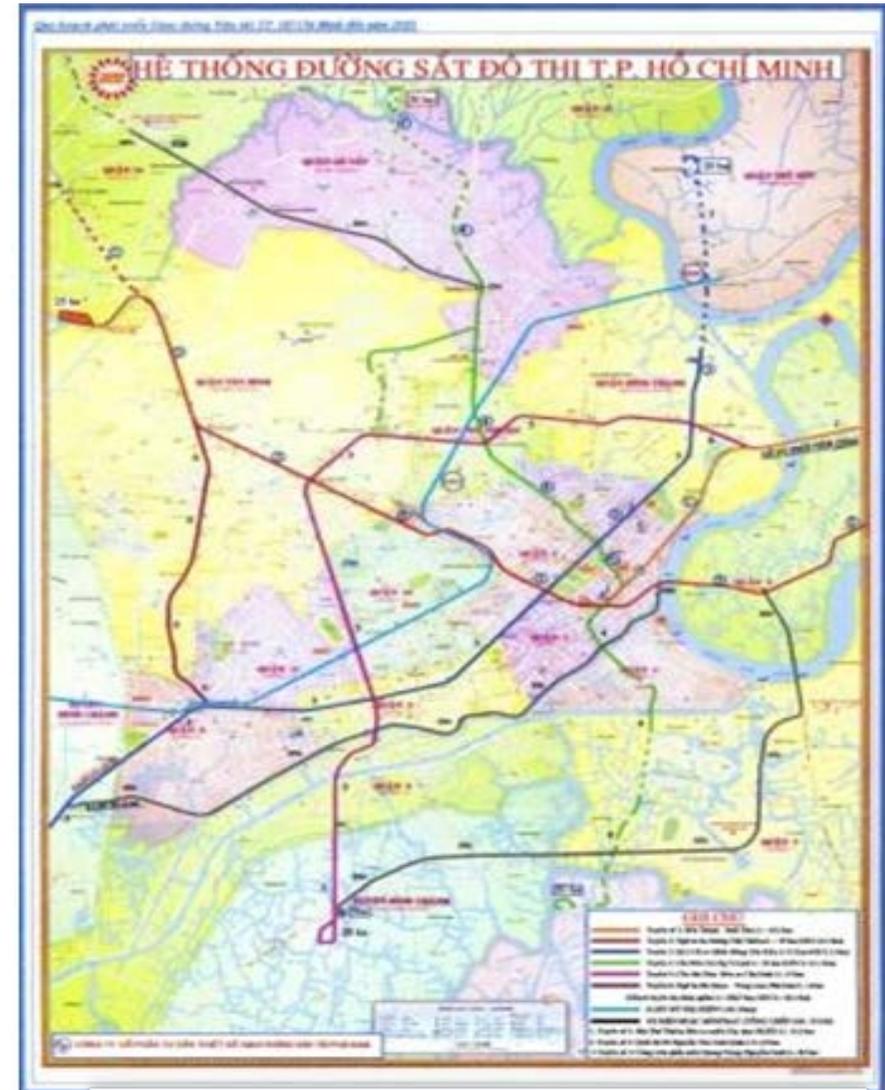


**URBAN RAILWAY IN  
HO CHI MINH CITY**

# Plan to develop urban railway



**HA NOI (2030 - 2050)  
8 Routes 306,5 km**



**HO CHI MINH CITY  
(2020 and after)  
8 Routes 172,6 km**

# Introduction of BRT to be Implemented

**BRT IN HA NOI  
(2015)**



**BRT IN  
HO CHI MINH CITY  
(2017)**



# Develop public transport



**Metro in Ho Chi Minh City**



**Overpass in Ha Noi and  
Ho Chi Minh City**

# Control Exhaust Gas Pollution



Suddenly test on the road

Railway (Pilot project)



Road sector



# Use of Cleaner Fuel



**Electric vehicles**

**Road (Ho Chi Minh City)**

**Inland water way  
(Pilot project to produce fuel  
from grease of shark catfish)**



# Improve Traffic Safety



**Route monitoring device**



**Control of loading capacity  
of truck**

# Apply ITS

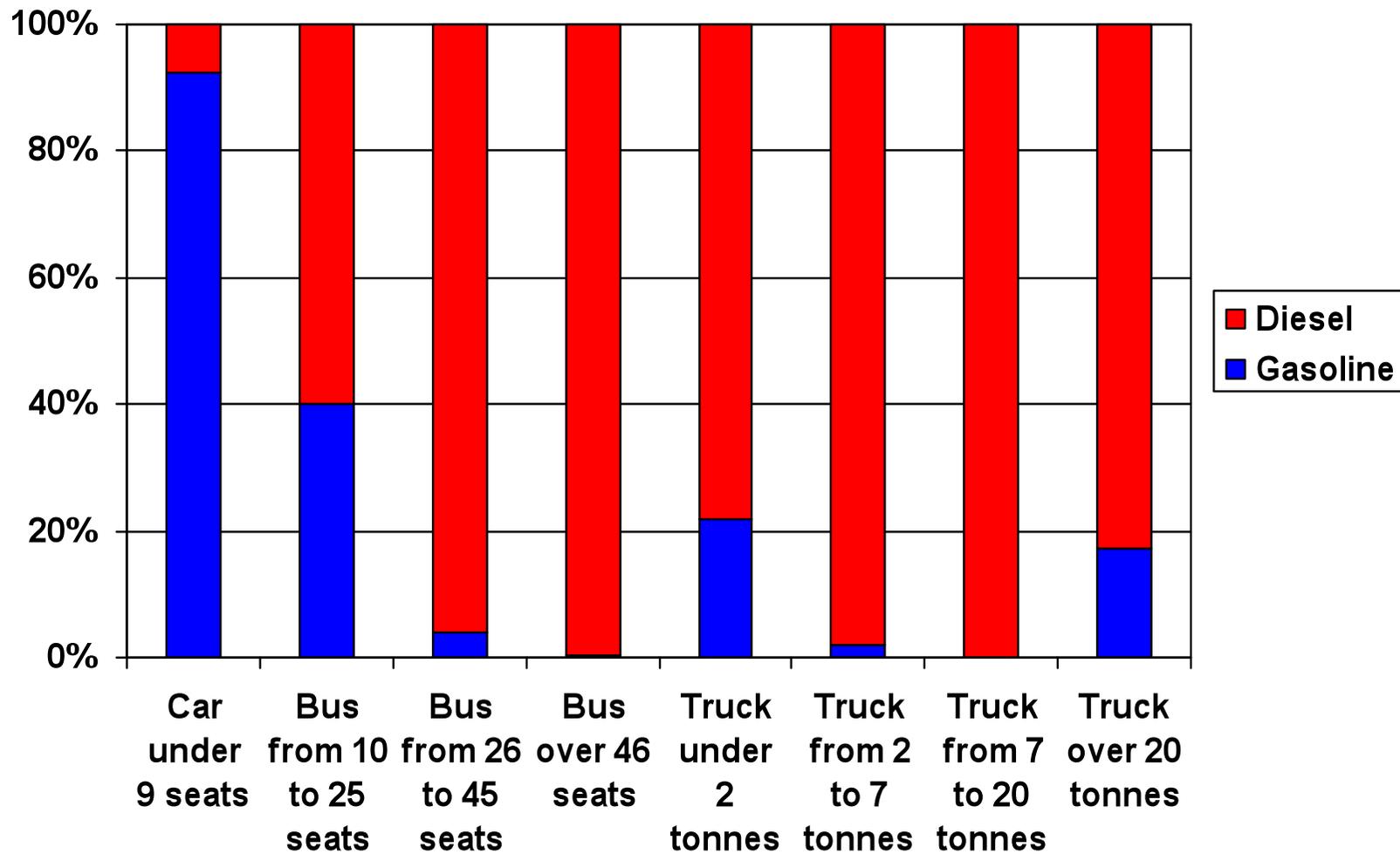


**Control transport in highway**



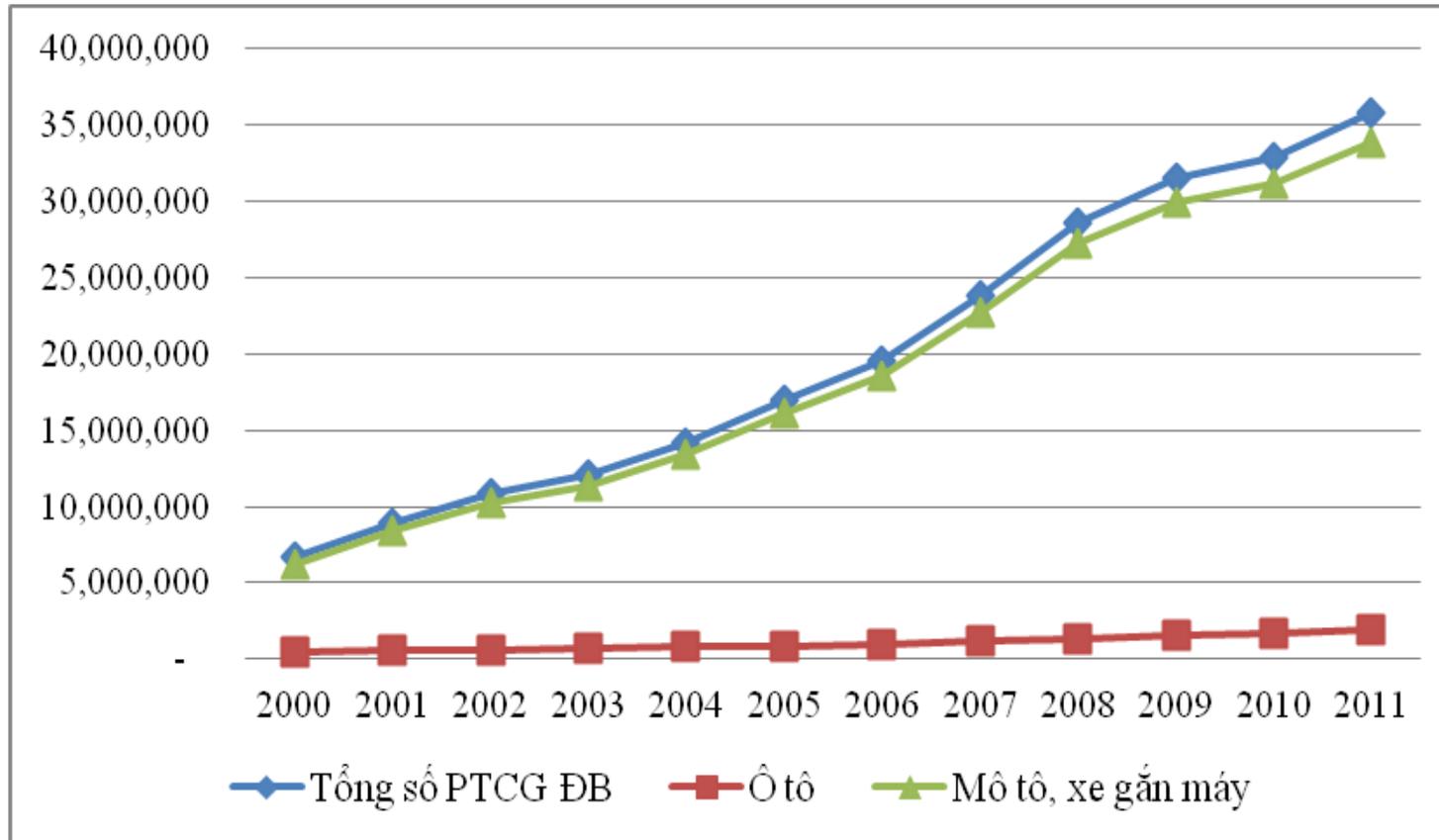
**Monitor urban transport**

# Challenges



**Most cars and trucks use traditional fuel**

# Challenges



**The number of vehicles continuously increase**

# Challenges



# Challenges and action plan

**1. Social awareness and behaviour**



**Strengthen the supervision, inspection, propagation**

**2. Poor transport infrastructure**



**Diversify investment resources**

**3. Old and backward vehicles, technology**



**Apply new technologies**

**4. Capacity of relevant organizations**



**Continue to study to perfect legal document system**

**Thank you very much  
for your attention**

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