

Transportation in Urban Area of Vietnam

Group 7



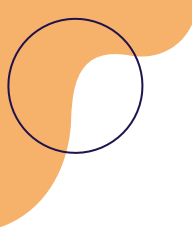


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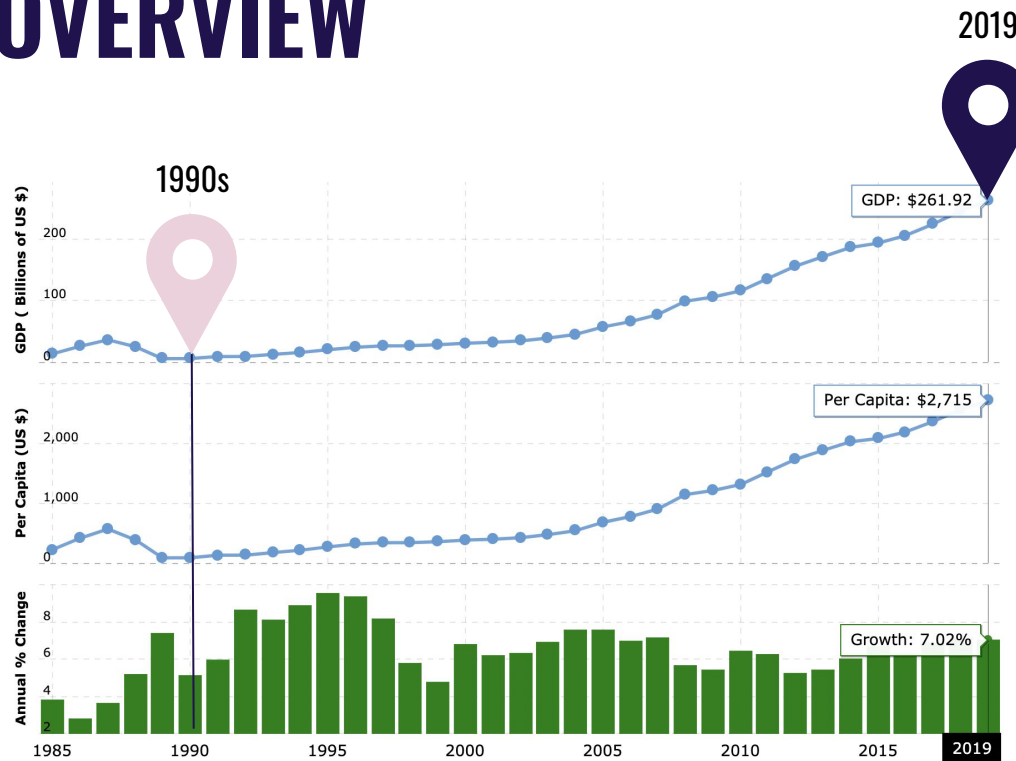
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LESSON LEARNED

Lesson learned throughout
the analysis



OVERVIEW



Current Vietnam's GDP Data In 2019

- Total GDP of 241 billions USD
- GDP per capita of 2,715.28 USD

Types of Transportation in Vietnam



Railway

3,143 km

Mode: Train



Maritime

3260 km

Mode: Cruise



Inland waterway

42,000 km

Mode: Cruise



Aviation

9 international airports

13 domestic airports

Mode: Cruise



Road transport

252,669 km

Modes: Motorbike and scooter

Public Bus

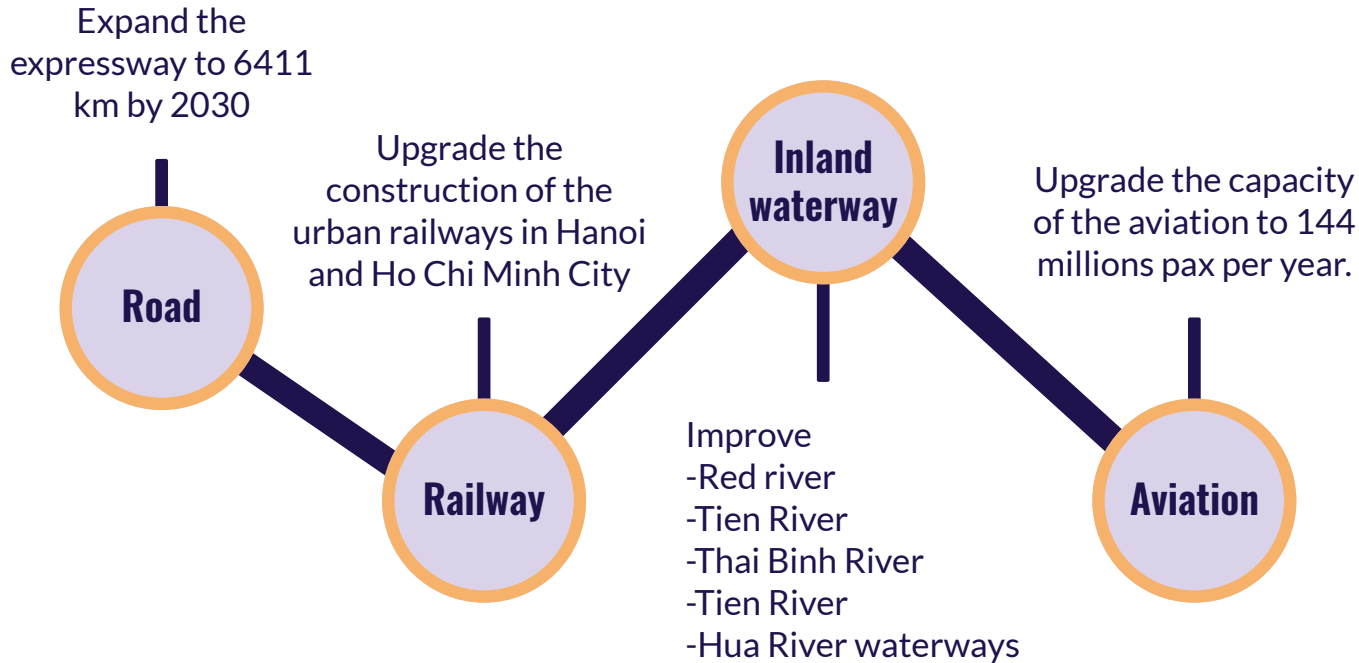
Taxi

Private car

Bicycle

Cyclo

Upcoming development plans





CHALLENGES AND STRATEGY DEVELOPMENT

1. Transportation infrastructure and pollution problem



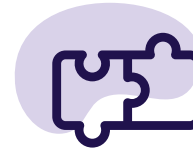
PROBLEMS

- Low transportation infrastructure to land ratio.
- High concentration of traffic.
 - Pollution problems.



DEVELOPMENT STRATEGY AND POLICIES

- Ensure appropriate infrastructure systems and land management.
- Higher tax rates on pollutants.



OUTCOMES

- The addition of traffic infrastructures.
- CO₂ reduction due to the increase in tax rates on pollutants.

2. Motorcycles are the leading cause of traffic accident



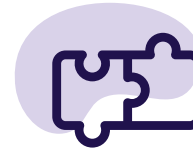
PROBLEMS

- Motorcyclists dislike wearing helmet
- Road traffic Accident



DEVELOPMENT STRATEGY AND POLICIES

- Mandatory policy for cyclists to wear helmet
- Making helmets become more practical and fashionable



OUTCOMES

- The Number of Serious Traffic Accidents and Injuries reduces significantly
- Helmet becomes increasingly popular among teenagers

3. Traffic congestion caused by failure of public transportation



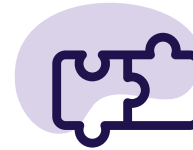
PROBLEMS

- Public transportation is only accountable for 7 percent of the urban population's needs in HCMC in 2015



DEVELOPMENT STRATEGY AND POLICIES

- Appropriate proportion of public transportation systems.
- Creation of metro public transportation network and the BRT system.



OUTCOMES

- BRT system and metro lines has been operated since 2017.
- The projects are still under construction even though the plans has been placed for almost ten years

4. Funding policy & Infrastructure problem



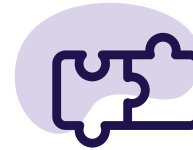
PROBLEMS

- Insufficient funds
- Poor condition of transportation infrastructure and service
- Uncontrollable private vehicle



DEVELOPMENT STRATEGY AND POLICIES

- Issuing the government bond
- Inductive and flexible funding policy
- Content modification of Law on Investment(LOI)



OUTCOMES

- The expansion of transportation infrastructure
- The growth of FDI
- The improvement of transportation quality and service.

The Role of Private Sectors



Private sectors are mostly focused on aviation development which led by the AVC group, managing 22 airports in total.

International
Airports

8

Domestic
Airports

14

70

International
Routes

Connected
Countries

26

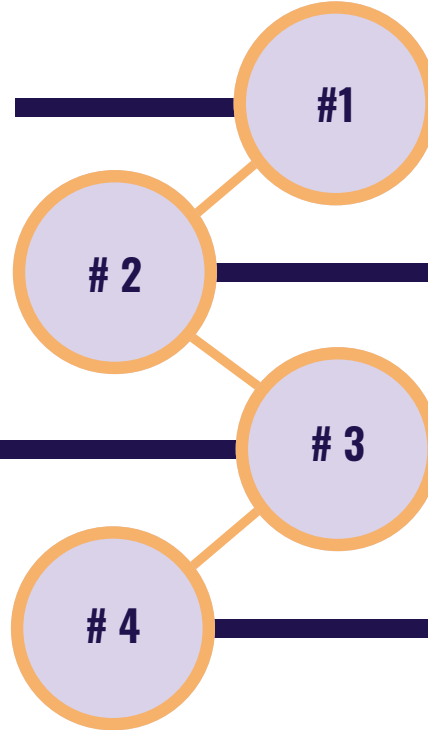
ROLES OF PRIVATE SECTOR



Lesson Learned

The mismatch between the growth of transportation infrastructure and transportation means leading to traffic and pollution problems

Helmet standard price is too high, so the government should immediately establish requirement standard



To take concerted action, The collaboration of public and private sector must be done in stage

- The impact of scarcity of budget
- The essential of private sector and foreign institute
- Legislation adaptation



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