



BỘ GIAO THÔNG VẬN TẢI

MINISTRY OF TRANSPORT



EMISSION REDUCTION IN TRANSPORTATION AS A CONTRIBUTION TO VIETNAM NDCs

**Department of Environment
Ministry of Transport**

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2. Green Growth and Climate Change Response Action Plan of MOT for 2016-2020.
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1. EMISSION REDUCTION OBJECTIVES IN VIETNAM NDCs

1. Emission reduction objectives in Vietnam NDCs

Vietnam is committed to contributing to NDCs

8% with domestic resources

25% with international support

2. GREEN GROWTH AND CLIMATE CHANGE RESPONSE ACTION PLAN OF MOT FOR 2016-2020

(Mitigation actions contributing to NDCs)





TASKS AND SOLUTIONS

1. Developing transport infrastructure

- Develop transport system with focus, link large-scale goods centers with modern techniques and technology.
- Enhance investment in national road system, highways, inland waterways, railways, marine and aviation network, attached with energy efficiency and environmental economic objectives.
- Invest in, upgrade the ICD system to meet the need for transit of goods.
- Enhance capacity for seaports.
- Organize container transport reasonably.

TASKS AND SOLUTIONS

2. Manage transport activities towards low emission, energy efficiency

1

- Promote the transport of passengers and goods from road to energy efficiency modes with lower emission.

2

- Promote public transport by bus. Speed up investment and exploitation of BRT routes and urban railways systems in Hanoi and HCMC.

3

- Develop logistics services and transport transaction centres
- Apply smart transport, green transport technology.

4

- Implement action plan for CO₂ emission reduction in civil aviation
- Prepare necessary conditions to implement market mechanism for GHG emission in accordance with ICAO

TASKS AND SOLUTIONS

3. Enhance environmentally friendly technology application; encourage the use of renewable energy, clean energy in transport

1

- Apply science and technology in transport operation and exploitation.

2

- Develop, issue and apply fuel consumption levels for some means of transport.

3

- Enhance the use of bio-energy, clean energy.
- Step by step eliminate unenvironmentally friendly technology, vehicles and equipment with low efficiency.

4

- Pilot, replicate the application of renewable energy, energy efficiency technology (solar power battery, LED lights, etc.) in lighting and transport signal system.

TASKS AND SOLUTIONS

4. Synchronously implement emission control solutions on motorized vehicles

1 • Manage vehicle quality.

2 • Apply emission standards level 3, 4, 5 to motorbikes, newly assembled and imported automobiles.
• Enhance emission standards for vehicles in operation, used and imported motorized vehicles.
• Step by step control emission of motorbikes in big cities.

3 • Implement regulations under Annex VI of MARPOL Convention on air pollution caused by ships.

TASKS AND SOLUTIONS

5. Communicate to raise awareness of organizations and individuals of climate change and green growth in transport

Communication



Develop and implement communication programs



Training

TASKS AND SOLUTIONS

6. Enhance international cooperation and diversify resources for implementing CC response and green growth in transport



Sign, join and implement international conventions



Participate in international forums, workshops, conferences; develop MRV capacity and implement NAMA in transport



Efficiently use the state budget



Take advantage of international financial incentives



Encourage financial organizations, enterprises to invest their resources for implementation

3. GHG INVENTORY, DEVELOPMENT OF EMISSION REDUCTION SCENARIOS IN TRANSPORT

GHG Inventory, development of emission reduction scenarios in transport

Purpose

Identify emission level of transport

Calculate emission with “bottom-up” approach for road, inland waterways, marine sub-sectors to identify the potential sub-sector for emission reduction

Develop emission reduction scenarios

GHG Inventory, development of emission reduction scenarios in transport

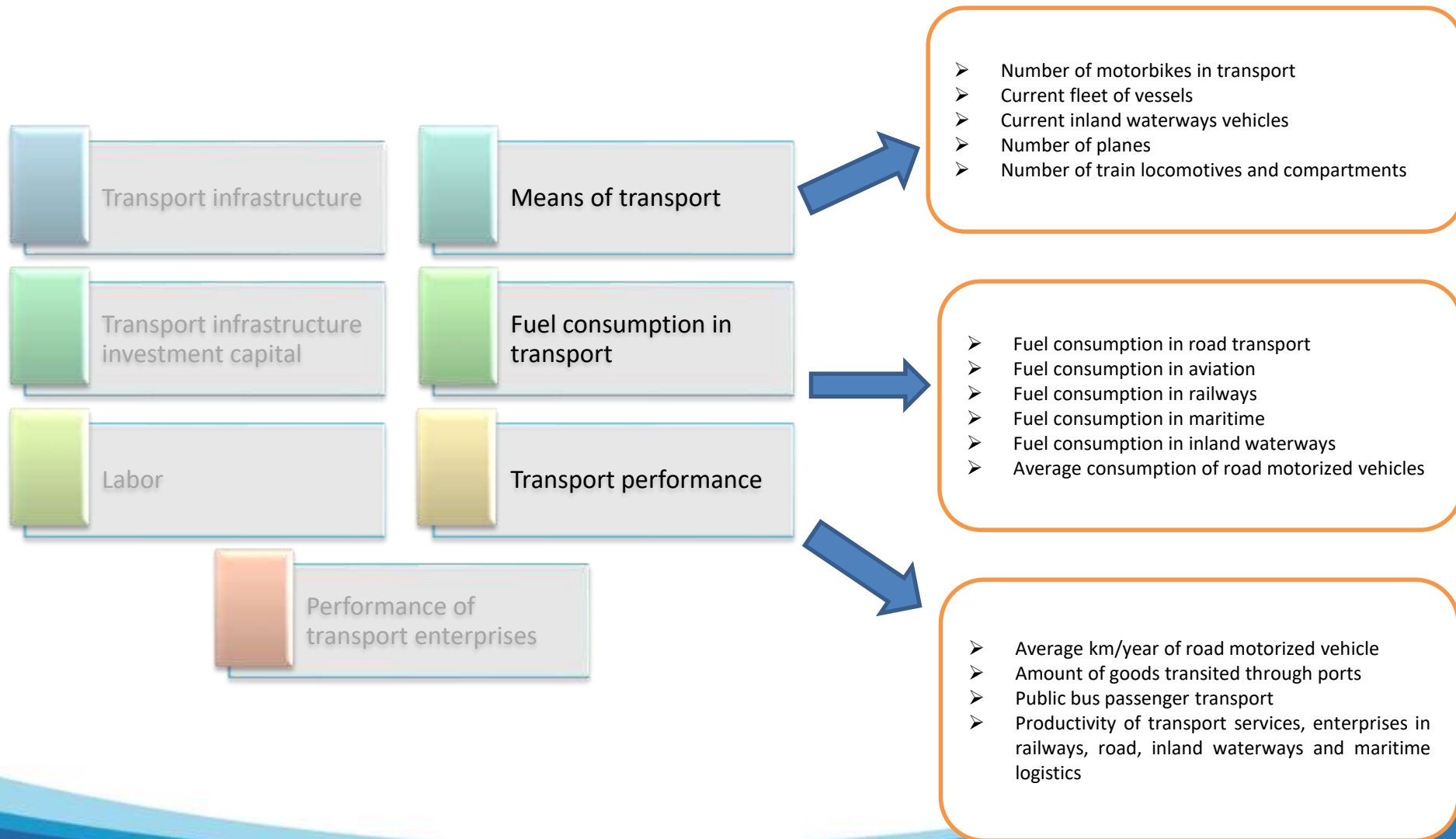
GHG Inventory system in transport

Circular on statistical indicator system and reporting regime in transport

Toolkit for emission calculation for road, railways, inland waterways, marine and aviation sub-sectors
Develop emission reduction scenarios

Coordinating agencies: GIZ, WB

Statistical indicators in the Circular on statistical indicators and reporting regime in transport





Thank you!