



BỘ GIAO THÔNG VẬN TẢI

MINISTRY OF TRANSPORT



MOT'S ACTION PLAN IN RESPONSE TO CLIMATE CHANGE AND GREEN GROWTH 2016 - 2020

Department of Environment,
Ministry of Transport

Hanoi, March 2017

OUTLINE

1. Background
2. Objective
3. Tasks & solutions
4. Implementation

BACKGROUND

- Decision no. 2139/QĐ-TTg dated 05/12/2011 approving the National Climate Change Strategy.
- Decision no. 1393/QĐ-TTg dated 25/9/2012 issuing National Green Growth Strategy.
- Decision 1474/QĐ-TTg dated 05/10/2012 issuing National Action Plan in Response to Climate Change 2012 – 2020.
- Decision 403/QĐ-TTg dated 20/3/2014 approving National Action Plan for Green Growth 2014 – 2020

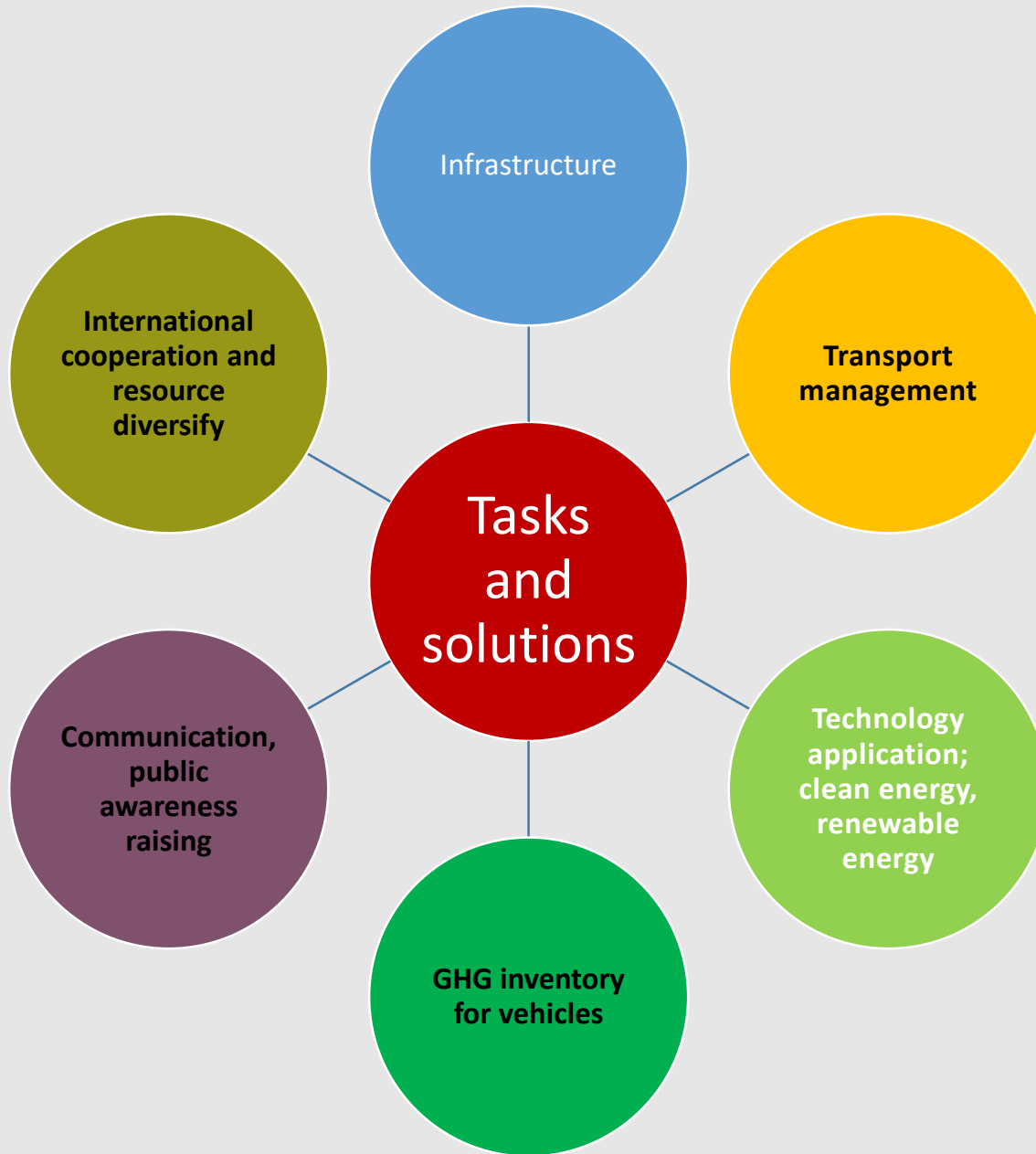
OBJECTIVES

Goals

- Actively develop the transport system comprehensively, sustainably, environmental-friendly, contributing to GHG emission reduction.

Specific objectives

- Climate change & green growth are integrated in 100% new developed or revised transport development strategies, plans.
- Implement solutions with a view to building climate change resilience in transport infrastructure (northern mountainous, central coastal and Mekong Delta area).
- Transport restructuring: increase market share of railway, inland and coastal water way freight; increase market share of urban public passenger transport in cities.
- Promote renewable energy, clean energy usage as well as high energy efficient vehicles.
- Build capacity on GHG inventory, management in transport activities.



TASKS AND SOLUTIONS

1. Developing a **transport infrastructure system** with a view to increasing climate resilient capacity and reducing environmental pollution

1

- Setting up target, solution in response to climate change and green growth in updating, newly developing transport strategies, plannings

2

- Developing transport with prioritized topics
- Developing national way, highway, inland transport lines, railway, waterway and airway.

3

- Promoting the usage of recycle materials, on-site materials, & recovery materials as well as pollution reduction in infrastructure maintenance

4

- Investing, upgrading inland container depot (ICD)
- Strengthening capacity for harbor/ port
- Organizing container transport

TASKS AND SOLUTIONS

2. **Transport** management toward low carbon, energy efficiency and effectively

1

- Implementing 05 restructuring action plan for 05 transport sub-sector
- Promoting inland passenger transport and freight to energy effectiveness.

2

- Promoting urban public passenger transport by bus
- Speeding up the investment and implementation process of BRT, urban railway in Hanoi & HCMC.

3

- Developing logistics services
- Developing transport exchange market
- Applying smart technologies, green transport technologies

4

- Implementing CO2 reduction action plan for public passenger airway
- Preparing step-by-step necessary condition to set up GHG emission market mechanism regulated by ICAO

TASKS AND SOLUTIONS

3. Promoting environmental friendly **technology**; encouraging the usage of **renewable energy, clean energy** in transport sector

1

- Applying science – technology in transport constructions infrastructure maintenance, and transport operation & management

2

- Completing standard systems, procedures, technical guidelines in transport infrastructure

3

- Developing, issuing and applying fuel consumption level for different vehicles.

4

- Promoting the usage of bio-fuel, clean energy
- Gradually remove inefficient and non-climate-friendly technologies, vehicles and equipments.

5

- Piloting, replicating renewable energy applications, technologies consuming less energy (solar batteries, LED, etc) in traffic lighting

TASKS AND SOLUTIONS

4. Comprehensively applying **GHG controls** methods for motor vehicles

1

- Vehicle quality control

2

- Applying emission standard 3, 4 and 5 for motorized two-wheelers, manufacturing, assembling and new import
- Upgrade the level of emission standards for cars in circulation and imported used motor vehicles
- Gradually emission monitoring for motorcycles, motorbikes in traffic in mega cities

3

- Getting in enforcement of the provision of Annex VI Prevention of Pollution by Sewage from Ships of MARPOL Convention

TASKS AND SOLUTIONS

5. **Propaganda, raise awareness** to organizations and individuals on climate change, green growth in transportation



Develop action plan,
Communication



Training, capacity building

TASKS AND SOLUTIONS

6. Strengthening international cooperation and diversification of resources to implement solutions in response to climate change, green growth in transportation



Signing, joining and implementing international treaties



Participating international fora, conferences, workshops, capacity building activities on MRV; developing transport NAMA



Effectively use of state budget



Taking advantages of preferential source of international funding



Encouraging financial institutes, enterprises to invest in implementation

IMPLEMENTATION





**Thank you
for your
attention!**

