



**BỘ GIAO THÔNG VẬN TẢI**  
**MINISTRY OF TRANSPORT**



# **Climate Change Potential Impact and Our Initial Action**

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# Overall Judgment

Climate change will:

- Impact on the whole geographical boundary of the country, but different from region to region
- Drive heavy losses to population, socio-economic, infrastructure
- Require the adjustment in planning, designing, constructing, operating and maintaining of the transport infrastructure

# Threats of Climate Change

- Sea level raising
- Increase storm/hurrical intensity
- Increase rain intensity
- Increase exposure to heat-ways
- Increase exposure to cold-ways



# Potential Impact

- Sea level raising could submerge coastal transport infrastructure such as: roads, railways, sea ports, air ports, etc.



# Potential Impact



# Potential Impact

- Transport infrastructure, which was designed upon the experienced environment conditions, would be insufficient safety and capacity in the future



Rail track

# Potential Impact

- Heavy rains would drive to floods and land-slides, which cause severe damage or distroy transport infrastructure and would increase maintenance works and costs



# Potential Impact

National Road No. 14





# Potential Impact

- Traffic in the city would be stuck



# Our Initial Action

- On 2<sup>nd</sup> December 2008, National Target Programme to Response to Climate Change was issued by the Prime Minister
- On 31<sup>st</sup> March 2009, MoT's Climate Change Team was established for formulating MoT's Action Plan to Response to Climate Change in Transport Sector

# Our Initial Action

- Oriented actions under MoT's Action Plan in the period of 2010 to 2015
  - Assessing potential impact of climate change to all transport sub-sectors, including land transport, maritime, civil aviation and inland-waterway transport
  - R&D of adaptation measures for pilot applications
  - Updating transport development strategy and plans
  - Reviewing and updating transport related national technical regulations and standards

# Our Initial Action

- Oriented actions under of MoT's Action Plan in the period of 2010 to 2015 (continues)
  - Raising awereness for transport users and transport personnel
  - Strengthening international co-operation activities for prompt and strong supports
  - Application of mitigation measures



# Our Initial Action

- The Action Plan shall be submitted to the Minister on 4<sup>th</sup> quarter of 2009 for approval



**Thank you for your Attention**

