

UNFCCC COP18/CMP8 Side Event Viet Nam: Policy development, financial mechanism, technology transfer to respond to climate change Doha, Qatar, 28 Nov. 2012

## Introduction to several Climate Change Policies in Viet Nam

Department of Meteorology Hydrology and Climate Change Ministry of Natural Resources and Environment of Viet Nam

# **MAIN CONTENTS**

- **1. General Introduction**
- **2. GHG emissions under the SNC**
- 3. Some national climate change policies
- 4. Priorities in the coming time

# **General Introduction**

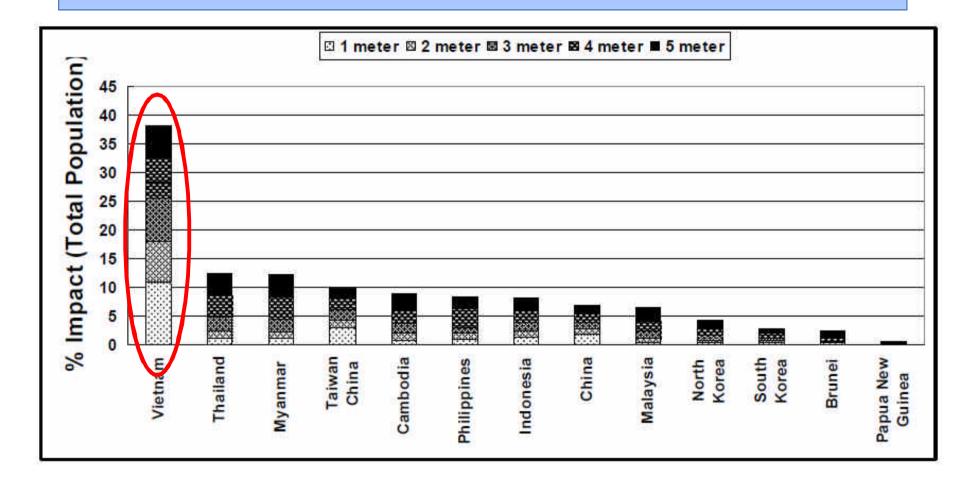
- ✓ Population in 2011: about 87 million
- ✓ GDP growth in 2011: 5.89%
- ✓ Climate: monsoon tropical
- ✓ Annual mean temperature: 12.8-27.7° C
- Average annual rainfall:
  1,400-2,4





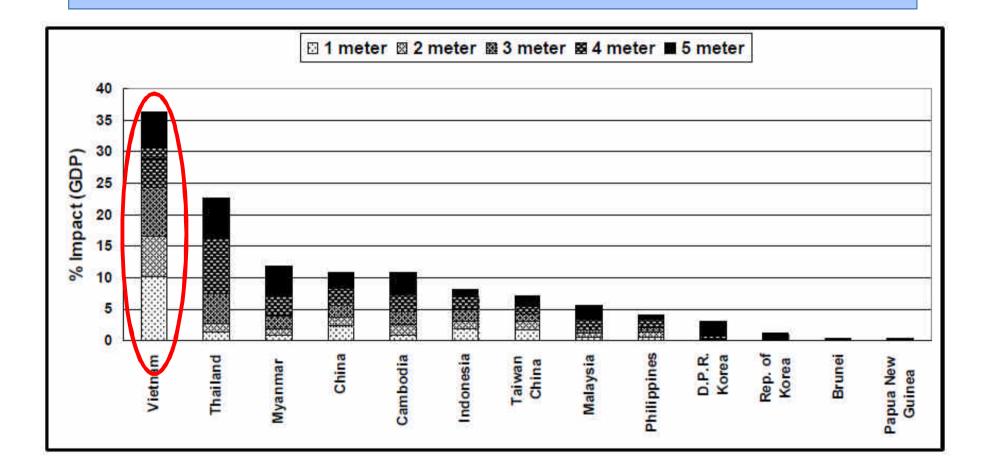


## **General Introduction**



Impacts of climate change on Viet Nam's population by sea level rise scenarios, WB, 2007

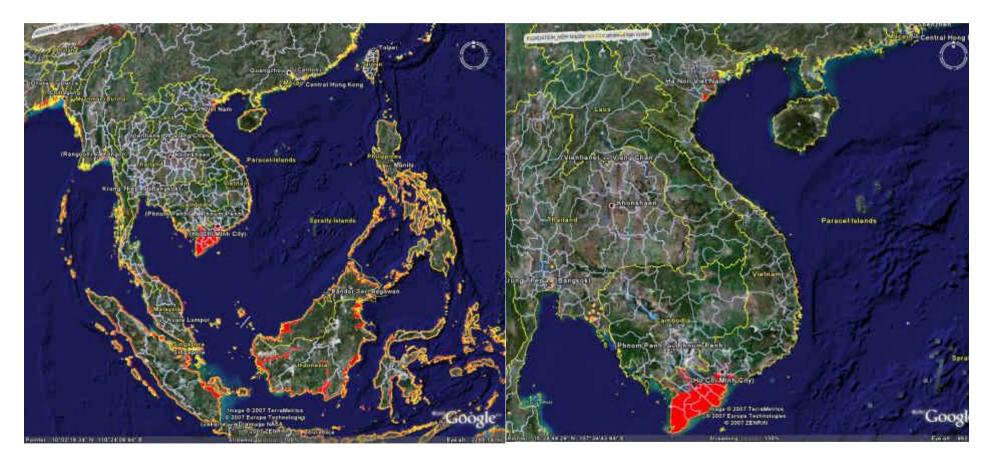
# **General Introduction**



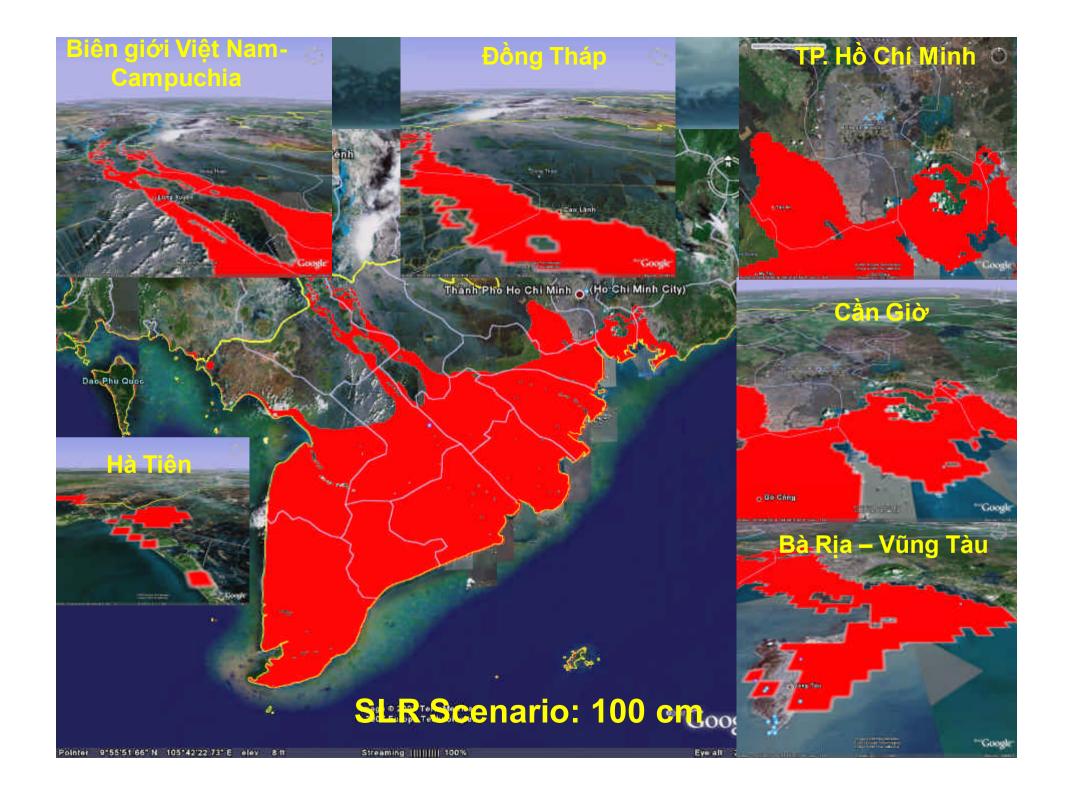
Impacts of climate change on Viet Nam's GDP by sea level rise scenarios, WB, 2007

#### South Asia

#### Việt Nam



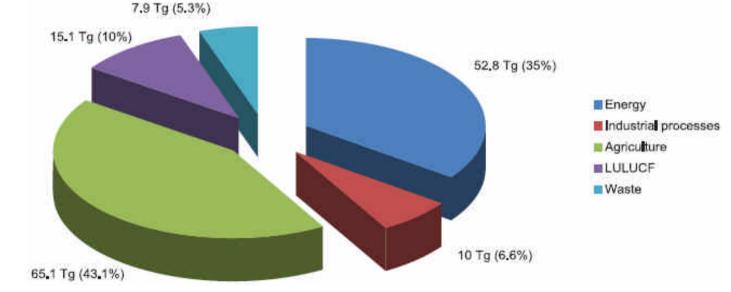
SLR Scenario: 100 cm



# GHG emission by sector in 2000

Unit: thousand tonnes

Sector	CO <sub>2</sub>	CH₄	N <sub>2</sub> O	CO <sub>2</sub> e	Percentage
Energy	45,900.00	308.56	1.27	52,773.46	35.0
Industrial processes	10,005.72	0	0	10,005.72	6.6
Agriculture	0	2,383.75	48.49	65,090.65	43.1
LULUCF	11,860.19	140.33	0.96	15,104.72	10.0
Waste	0	331.48	3.11	7,925.18	5.3
Total	67,765.91	3,164.12	53.83	150,899.73	100



Per capita GHG emission in 2000 was 1.94 tonnes of CO<sub>2</sub>e

# National Target Program to Respond to Climate Change

- ✓ Prime Minister of Vietnamese Government approved the NTP on 02 Dec. 2008
- ✓ Strategic objectives of the NTP
- to assess climate change impacts on sectors and regions in specific periods;
- to develop feasible action plans to effectively respond to climate change in the short-term and long-term to ensure sustainable development of Viet Nam;
- to take opportunities to develop towards a low-carbon economy;
- to join the international community's efforts in mitigating climate change and protecting the climatic system.





# National Target Program to Respond to Climate Change

#### ✓ Main tasks of the NTP

- Assessment of climate change extent and impacts in Viet Nam
- Identification of measures to respond to climate change
- Development of a science and technology program on climate change
- Strengthening the capacities of organization, institutions and policy on climate change
- Awareness raising and human resources development
- Enhancement of International Cooperation
- Mainstreaming climate change issues into socio-economic, sectoral and local development strategies, plans and planning
- Development of Action Plans of Ministries, sectors and localities to respond to climate change
- Develop and implement projects of the Program

## **National Climate Change Strategy**

- Prime Minister of Vietnamese Government approved it on 05 Dec. 2011
- Overall objectives of the Strategy:
  - sustainable utilization of the national resources;
  - carry out adaptation measures and GHG mitigation options;
  - safeguard people's life and properties;
  - ensure the sustainable development goals.
  - strengthen human and natural system resilience to climate change;
  - develop the low-carbon economy to protect and enhance quality of life;
  - ensure national security and sustainable development





## **National Climate Change Strategy**

#### ✓ Strategic tasks:

- → *Proactive disaster preparedness and climate monitoring*
- $\rightarrow$  Food and water security
- → Suitable proactive response actions to sea-level rise in vulnerable areas
- → Protection and sustainable development of forest, increasing carbon removals and biodiversity conservation
- $\rightarrow$  GHG emission reduction to protect the global climate system
- $\rightarrow$  Increase the lead of Government in climate change response
- $\rightarrow$  Community capacity development to cope with climate change
- → Scientific and technological development for climate change response
- → International cooperation and integration to enhance the country's status in climate change issues

## **National Green Growth Strategy**

 Prime Minister of Vietnamese Government approved it on 25 Sept. 2012





#### **Overall objectives::**

- green growth, as a mean to achieve the low carbon economy and to enrich natural capital, will become the principal direction in sustainable economic development;
- reduction of GHG emissions and increased
  capability to absorb GHG are gradually
  becoming compulsory and important
  indicators in social-economic development.



## **National Green Growth Strategy**



## ✓ Strategic tasks

- Reduce the intensity of GHG emissions and promote the use of clean and renewable energies
- Greening production
  - Greening lifestyle and promoting sustainable consumption





## National Action Plan to Respond to Climate Change in 2012-2020

- Prime Minister of Vietnamese Government approved it on 05 Oct. 2012.
- Overall objective: to carry out the National Climate Change Strategy and achieve its objectives and tasks.
- ✓ The Action Plan includes 65 programs, projects and tasks in 2012-2020 with 10 priorities in 2012-2015.
- → On 30 Aug. 2012, the National Target Program to Respond to Climate Change in the 2012-2015 period was approved Prime Minister of Vietnamese Government

# Develop the Plan: "Management of the green house gas emissions"

- ✓ The Plan has been developed by MONRE and approved by the GOV. Objectives:
  - carrying out the UNFCCC and other related treaties that Viet Nam has involved in;
  - taking oppoturnities to develop a low carbon economy and green growth in the country
  - joining the international community's efforts in mitigate GHG emissions and contributing to sustainable development
  - GHG mitigation Targets in 2020:
    - Energy: 8% (Base year 2005)
    - Agriculture: 20%
    - *LULUCF:* 20%
    - Waste: 5%

## **Priorities in the coming time**

- Develop and issue the Action Plan to Respond to Climate Change of ministries, sectors and localities
- Develop the climate change monitoring system with high accuracy digital elevation model
- ✓ Develop flood, disaster risk and climate maps according to the climate change scenarios with GIS
- ✓ Continue to research and update the climate change scenarios
- Implement the pilot programs to adapt to climate change in Quang Nam and Ben Tre provinces
- Issue the policies related to climate change adaptation and GHG mitigation for prioritised sectors: agriculture, forestry, land-use, water resource, energy, transportation
- Strengthen institutional capacity and financial institution to encourage and mobilize international donors to provide and invest resources and technologies on climate change.
- ✓ Raising awareness on climate change



# THANK YOU VERY MUCH FOR YOUR ATTENDTION

For more information, please contact: Ministry of Natural Resources and Environment of Viet Nam Department of Meteorology Hydrology and Climate Change No. 10 Ton That Thuyet str., Hanoi, Viet Nam Tel: 84-4-37759384/37759385; Fax: 84-4-37759382 Email: vnccoffice@fpt.vn; Website: noccop.org.vn