

**DECISION**  
**on approval of the National Target Program**  
**to respond to climate change**

**THE PRIME MINISTER**

Pursuant to the Law on the Organization of the Government dated 25 December 2001;

Pursuant to Resolution No. 60/2007/NQ-CP dated 03 December 2007 of the Government;

Upon the proposal of the Minister of Natural Resources and Environment,

**DECIDES:**

**Article 1.** Approve the National Target Program to respond to climate change (hereinafter referred to as the NTP) with its main contents as the follows:

**I. VIEWPOINTS, GUIDING PRINCIPLES, AND SCOPE**

**1. Viewpoints**

- Response to climate change should be carried out following the principle of sustainable development, encompassing sectors and inter-sector links, regions and inter-regional links, gender equality, and hunger eradication and poverty alleviation.

- Activities responding to climate change must be carried out with clear focus to ensure to effectively respond to immediate impacts as well as potential long-term impacts; investment in response to climate change is an important factor to ensure sustainable development; immediate response will help to mitigate future damages.

- Response to climate change is the responsibility of the whole political system, the society, sectors and organizations at all levels, and every individual. It requires consensus and a strong determination at local, regional, national and global level.

- Tasks to respond to climate change must be integrated into development strategies, programmes, plans, planning in all sectors and at all levels; into legal documents and policy institutions; into development of legal documents and their implementation.

- Following the principle of “common but differentiated responsibility” as defined in the United Nations Framework Convention on Climate Change

(UNFCCC), Vietnam will effectively implement measures to mitigate green house gas (GHG) emissions with sufficient finance support and technology transfer from developed countries as well as other international funding sources.

## **2. Guiding principles**

- The Government gives the unified, overall direction to activities to respond to climate change; the Ministry of Natural Resources and Environment is the standing agency to collaborate with relevant agencies to assist the Government in directing this area.

- Ensure the compliance to the State's direction, policy and legal system; protect the sustainable development of the country and cultural and spiritual values for the present and the future.

- Enhance effectiveness and efficiency of State administration and promote responsibilities of all organizations and individuals in response to climate change. Gradually perfect institution and organizational system from central to local level raise awareness and popularize experiences in response to climate change.

- The NTP must be implemented synchronously with clear phasing and focus; in both immediate and long-term period; actively, promptly and effectively, thus ensuring sustainable development for each region and sector.

- The State ensures the necessary resources, and mobilizes contributions of domestic and international communities to invest in activities to respond to climate change; develops and implements measures to respond to climate change for comprehensive exploitation, in harmony with natural systems and the country's development.

- Ensure the implementation of international commitments on responding to climate change.

## **3. Scope**

The NTP will be implemented for the whole country in three phases:

- First Phase (2009 - 2010): Starting up
- Second Phase (2011 - 2015): Implementation
- Third Phase (after 2015): Development

# **II. OBJECTIVES**

## **1. General Objectives**

Strategic objectives of the NTP are to assess climate change impacts on sectors and regions in specific periods and 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, and to join the international community's efforts in mitigating climate change and protecting the climatic system.

## **2. Specific Objectives**

- a) To identify the extent of climate change in Vietnam due to global climate change and assess climate change impacts on every sector, area and locality;
- b) To identify measures to respond to climate change;
- c) To promote scientific and technological activities to establish the scientific and practical basis for climate change response measures;
- d) To consolidate and enhance the organisational structure, institutional capacity and the development and implementation of policies to respond to climate change;
- e) To enhance public awareness, responsibility and participation; and develop human resources to respond to climate change;
- f) To promote international cooperation to obtain external support in response to climate change;
- g) To mainstream climate change issues into socio-economic, sectoral and local development strategies, plans and planning;
- h) To develop and implement action plans of all ministries, sectors and localities to respond to climate change; to implement projects, and first of all pilot projects to respond to climate change.

## **III. TASKS AND SOLUTIONS**

### **1. Assessment of climate change extent and impacts in Viet Nam**

The key tasks to be implemented immediately are to assess climate variability, develop climate change scenarios, particularly sea level rise; and assess climate change impacts on different fields, sectors and localities.

#### **a) Targets to be achieved by 2010**

- Complete climate change scenarios, especially sea level rise, in Vietnam by early 2009 based on existing studies so that sectors and localities can use the scenarios to develop their action plans to respond to climate change;
- Complete the assessment of level, nature and trend of climate factors and phenomena in Vietnam;
- By the end of 2010, update climate change scenarios, especially sea level rise, for each period between 2010-2100. The scenarios must have a solid scientific and practical basis;
- Complete the development of the scientific basis, methodologies, and guidance on assessment of climate change impacts, especially sea level rise, on fields, sectors and localities;
- Implement pilot projects to assess climate change impacts, especially sea level rise, on fields, sectors and localities which are sensitive and vulnerable to climate change, i.e. water resources, irrigation, agriculture, health and livelihoods, deltas and coastal areas.

b) Targets to be achieved by 2015

- Update climate change scenarios, especially sea level rise, in Vietnam;
- Complete assessment of climate change impacts, especially sea level rise, on fields, sectors and localities.

**2. Identification of measures to respond to climate change**

Development and selection of measures to respond to climate change are based on results of climate change impact and vulnerability assessment for fields, sectors, and localities.

a) Targets to be achieved by 2010

- Complete the development of methodologies and guidance for identifying measures to respond to climate change;
- Implement a number of pilot projects to respond to climate change for fields, sectors and localities that are sensitive and vulnerable to climate change and sea level rise.

b) Targets to be achieved by 2015

- Complete development of measures to respond to climate change for fields, sectors and localities;
- Start to implement selected measures to respond to climate change for fields, sectors and localities according to action plans.

**3. Development of a science and technology program on climate change**

Develop and implement a national science and technology program on climate change to provide the scientific basis for the development of policies, institutions and action plans to respond to climate change;

a) Targets to be achieved by 2010

- Complete design and development of a basic framework for climate change data;
- Develop a national science and technology program on climate change; identify and start to implement tasks regarding science and technology.

b) Targets to be achieved by 2015

- Complete and update the climate change database;
- Effectively implement the national science and technology program on climate change in ministries, sectors and localities;
- Update and effectively implement research on nature, trend and scenarios of climate change impacts on sectors/regions and response measures, thus contribute to strengthening capacity to respond to climate change.

**4. Strengthening the capacities of organization, institutions and policy on climate change**

Review the current legislation and policy system, and assess the current way of addressing climate change in the State's legal documents and policies; develop,

supplement and perfect the legal document system, mechanisms and policies to ensure the legal basis for activities to respond to climate change.

a) Targets to be achieved by 2010

- Basically develop a framework of legal documents, mechanism, and policies to respond to climate change;

- Develop, promulgate and implement a mechanism for coordination among the ministries, sectors, and localities, and the NTP management and implementation apparatuses.

b) Targets to be achieved by 2015

- Promulgate, supplement and update legal documents, policies and mechanisms to respond to climate change;

- Identify mechanisms and policies to prioritize activities to respond to climate change;

- Review, supplement and perfect the mechanism for coordination among agencies responsible for climate change issues.

## **5. Awareness raising and human resources development**

Strengthen communication and education to raise the awareness and responsibilities on climate change issues for the whole society; enhance human resource development, especially highly qualified human resources.

a) Targets to be achieved by 2010

- Develop an awareness-raising plan and start to implement the plan at sectors/localities which are sensitive and vulnerable to climate change;

- Start to implement an awareness raising plan in the education and training system; materials and tools for raising awareness developed and popularised;

- Develop a human resources development plan and start to implement the plan at sectors/localities which are sensitive and vulnerable to climate change;

- Over 10% of population communities and over 65% Government's staff possess basic knowledge on the climate change and its impacts.

b) Targets to be achieved by 2015

- Gradually and effectively implement climate change awareness raising plan at central and local levels;

- Complete, update and widely popularise materials and tools for raising awareness on climate change;

- Implement the awareness-raising plan and the human resources development plan in training and education system at all levels;

- Over 80% population communities and 100% Government's staff will possess basic knowledge on climate change and its impacts.

## **6. Enhancement of International Cooperation**

Taking opportunity to obtain and effectively use support from the international community, including financial support and technological transfer through bilateral and multilateral cooperation channels. Participate in regional and global cooperation activities on climate change.

### **a) Targets to be achieved by 2010**

- Establish a cooperation mechanism between Vietnam and international donors in implementing the NTP;
- Establish bilateral and multilateral cooperation between Vietnam and some other countries/international organizations to respond to climate change;
- Vietnam proactively contributes to the development of international agreements/documents on climate change;
- Supplement and perfect the framework of legal documents on mechanisms/policies to encourage investment into CDM projects, climate change response projects, and environmentally friendly technology transfer projects to facilitate foreign partners to invest into projects in Vietnam.

### **b) Targets to be achieved by 2015**

- Complete and effectively implement the cooperation mechanism between Vietnam and international donors in implementing the NTP;
- Continue to expand bilateral and multilateral cooperation between Vietnam and other countries/international organizations to respond to climate change;
- Promote the role of Vietnam in regional and international negotiations and cooperation on climate change.

## **7. Mainstreaming climate change issues into socio-economic, sectoral and local development strategies, plans and planning**

Potential impact of climate change and response measures are considered in development, adjustment and supplementation of strategies, programs, planning and socio-economic development and sectoral/local development plans (hereinafter referred to as development plans).

### **a) Targets to be achieved by 2010**

- Complete the assessment of climate change impacts, especially sea level rise, on development plans;
- Complete the classification of response measures for each development plan;
- Develop and issue legal documents and guidance documents on how to comprehensively mainstream climate change issues into development plans; start to mainstream climate change issues into development plans according to the legal decisions issued.

### **b) Targets to be achieved by 2015**

- Mainstream climate change issues into development plans for the period 2010-2020;

- Assess the results of the mainstreaming process applied for development plans for the period of 2010-2015;
- Widely and effectively implement the mainstreaming of climate change issues into development plans for later periods.

### **8. Development of Action Plans of Ministries, sectors and localities to respond to climate change**

Ministries, sectors, and localities develop their action plans to respond to climate change. The development of the action plans is carried out step by step following a predefined procedure, ensuring quality, feasibility, and effectiveness of implementation.

#### **a) Targets to be achieved by 2010**

- Ministries, sectors, and localities complete the development of action plans to respond to climate change;
- Ministries, sectors and localities administering fields and areas sensitive and vulnerable to climate change start to implement their action plans.

#### **b) Targets to be achieved by 2015**

- Ministries, sectors, and localities initiate implementation of action plans to respond to climate change.

### **9. Develop and implement projects of the Program**

In the period of 2009-2010: develop and implement prioritized projects to respond to climate change for sectors/localities that are sensitive and vulnerable to climate change, thus take lessons learnt to perfect action plans for comprehensive implementation in the period of 2011-2015.

Portfolio of projects and estimated budget to implement the projects is in the Annex attached to this Decision.

## **IV. FINANCIAL MECHANISM AND RESOURCE MOBILIZATION**

### **1. Financial mechanism**

- The State ensures necessary resources, and mobilizes domestic and international supports; the State provides a legal basis to encourage participation and investment of socio-economic components and domestic and overseas organizations in activities to respond to climate change;
- Combine with other programs and projects to attract more investments;
- Projects and investment activities under the NTP will be considered to obtain tax remission in accordance with the legislation.

### **2. Budget**

The budget for implementing activities of the NTP in the period of 2009 - 2015 (excluding funds for the implementation of the Action Plans of Ministries, sectors, and localities) is estimated at 1,965 billion VND, of which the structure of

investment finance sources is as follows:

- + Foreign capital: 50%.
- + Domestic capital: 50%, within which:
  - Central budget: about 30%;
  - Local budget: about 10%;
  - Private sector and other capital contributions: about 10%.

The budget of the NTP for the post-2015 periods will be defined in accordance with concrete objectives of each period.

### **3. Budget planning methodology**

Procedures of planning, annual estimated budget development, budget allocation, management, disbursement and auditing follow existing regulations on management and implementation of national target programs.

## **Article 2. Organization for implementation**

### **1. Establish the National Steering Committee, Executive Board, and Standing Office of the NTP**

a) The National Steering Committee for the National Target Program to Respond to Climate Change (hereinafter referred to as the Steering Committee) comprises of: the Prime Minister - Chairman; Minister of the Ministry of Natural Resources and Environment - Standing Vice Chairman; Minister of the Ministry of Planning and Investment - Vice Chairman; Minister of the Ministry of Finance - Vice Chairman; Others Members are the Minister of the Ministry of Agriculture and Rural Development and Minister of the Ministry of Foreign Affairs.

b) Executive Board of the NTP (hereinafter referred to as the Executive Board) comprises of: the Minister of the Ministry of Natural Resources and Environment - Chairman; the two Vice Chairmen are a Vice Minister of the Ministry of Planning and Investment and a Vice Minister of the Ministry of Finance; Other members are representatives of the Ministries of Agriculture and Rural Development, Foreign Affairs, Industry and Trade; Labour, Invalids, and Social Affairs; Transportation; Construction; Information and Communication; Education and Training; Home Affairs; Health; Science and Technology; Culture, Sport and Tourism; Defense; and Public Security.

The Minister of Ministry of Natural Resources and Environment shall submit to the Prime Minister functions, tasks, and operational regulations of the Steering Committee and the Executing Board.

c) The Standing Office of the NTP, located at the Ministry of Natural Resources and Environment, is an assisting agency of the Executing Board to coordinate activities of the NTP.

The Minister of Ministry of Natural Resources and Environment shall promulgate operation regulation of the Standing Office of the NTP.

## **2. Responsibilities of Ministries, sectors, provinces, and related organizations**

### **a) Ministry of Natural Resources and Environment**

The Ministry of Natural Resources and Environment, according to the assigned State management functions responsibilities, shall assist the Executive Board to coordinate activities of Ministries, sectors, provinces in managing and implementing the NTP, focusing in the following main tasks:

- To chair and co-operate with the relevant agencies and authority of different levels in developing mechanism, policies for the management and execution of the implementation of the NTP to submit to the Prime Minister for issuing or to issue according to the assigned functions and tasks;

- Based on the NTP implementation plan, calculate the necessary budget to submit to the Executing Board in order to summarize and incorporate into annual funding plans reported to the Ministries of Planning and Investment and Finance in accordance with the Law on State Budget;

- To guide and assist ministries/sectors/provinces in developing and implementing their action plans to respond to climate change;

- To inspect, test, and regularly assess and draw lessons learnt from implementation of the NTP;

- To generally co-ordinate the activities of the publication of information, training, education, and communication related to climate change;

- To annually synthesize and report to the Prime Minister results of the NTP implementation, and propose measures to resolve problems that are outside the Ministry's functions and authority;

- To chair, co-ordinate with Ministry of Planning and Investment to develop a monitoring and evaluation mechanism for NTP implementation;

- To instruct, monitor and evaluate NTP implementation;

- To develop and implement action plans of the Ministry to respond to climate change, and carry out assigned projects/plans.

### **b) Ministry of Planning and Investment:**

- To take the lead and co-ordinate with other ministries/sectors/provinces to develop a standard framework procedure and guidelines for mainstreaming climate change issues into socio-economic development strategies, programs, plans and planning;

- To co-ordinate with the Ministry of Natural Resources and Environment in the development of a monitoring and evaluation mechanism for NTP implementation;

- To develops and implements action plans of the Ministry to respond to climate change.

### **c) Ministries, ministerial agencies and other Governmental authorities:**

To develop and implement their action plans to respond to climate change;

carry out tasks assigned by the NTP; proactively participate in common coordinated activities under the direction of the Steering Committee.

d) People's Committees of Provinces and central-governed Cities

- To develop and implement action plans to respond to climate change in their provinces and cities;
- To organize the implementation of related activities approved in the NTP;
- To ensure the correct and efficient use of funds allocated under the NTP;
- To mobilize additional resources and combine all related activities of other programs within provinces/cities to achieve the objectives of the NTP;
- To comply with the monitoring and evolution principles defined in the NTP;
- To periodically report on the implementing progress of the NTP objectives and tasks at the provincial/ city level.

e) Social Organizations, Non-Government Organizations, and Enterprises

Promote political-social organizations, unions, non-government organizations, private sector, and enterprises, according to their functions and roles, to actively participate in climate change response activities, especially in the area of information, education and communication; support and mobilise the communities in active participation, expansion and dissemination of experiences of climate change response models; implement or participate in the NTP and action plans of Ministries, sectors and localities.

#### **4. Monitoring and Evaluation**

Monitoring and evaluation of the NTP implementation is carried out at national, sectoral, and local level:

- District level

+ The Division of Natural Resources and Environment is responsible for information collection, synthesis, management and archiving of information, and prepares regular reports;

+ The People's Committee at district level periodically submits reports to the standing agency of the NTP of provinces and centrally-governed cities.

- Province and City level

+ The Department of Natural Resources and Environment is responsible for management and archiving of relevant information and data; monitoring and instruction of district level units to submit their report timely;

+ The People's Committee of province and centrally-governed city synthesize and submit regular reports to the Executive Board.

- Central level:

+ Ministries and sectors are responsible to regularly report to the Executive Board.

+ The Executive Board is responsible for management and archiving of

information reported by provinces and centrally-governed cities; monitoring and instruction of ministries, sectors, provinces, and centrally-governed cities to submit their report timely; checking sources and reliability of information; development of regular reports and submitting the reports to the Steering Committee to submit to the Prime Minister.

**Article 3.** This decision shall come into force after fifteen (15) days from the date of its publication in the Official Gazette.

**Article 4.** Ministers, Heads of Ministerial equivalent bodies, Heads of Government's agencies, political and social organizations, and Chairmen of People's Committees of provinces and centrally-governed cities bear responsibility to implement this Decision./.

**PRIME MINISTER**

**To:**

- Central Party Secretariat;
- Prime Minister, Vice Prime Ministers;
- Ministries, ministerial equivalent bodies, government agencies;
- The Office of Central Steering Board on Anti-corruption;
- People's Councils, People's Committees of provinces and centrally-governed cities;
- Central Party Office and departments;
- Presidential Office;
- National Assembly Ethnic Minority Committee and other committees;
- National Assembly Office;
- The Supreme People's Court of Vietnam;
- The Supreme People's Procuracy;
- State Auditor;
- Management Board of Bo Y International Border-Gate Economic Zone;
- Bank of Social Policies;
- Vietnam Development Bank;
- Central level Office of unions and associations;
- Government Office;
- VPCP: BTCN, Chairperson, Vice Chairpersons, departments, bureaux, subordinate units, Official Gazette;
- Filing: archives, KTN (5 copies).

**[signed and sealed]**

**Nguyễn Tấn Dũng**

**ANNEX: LIST OF TASKS AND PROJECTS FOR IMPLEMENTING THE NATIONAL TARGET PROGRAM TO RESPOND TO CLIMATE CHANGE IN THE PERIOD OF 2009-2015**

*(Enclosed with Decision No. 158/2008/QĐ-TTg dated 02 December 2008 of the Prime Minister)*

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
<b>I. Assess climate change intensity and develop climate change and sea level rise scenarios</b>				<b>38</b>	
1	- Assess climate change in Vietnam: develop methodologies to assess climate variability and climate change; assess variability and characteristics of climatic elements and phenomena, particularly temperature, rainfall, natural disasters and climatic extremes; assess tendency of climatic elements: temperature, rainfall, sea level, natural disasters (typhoon, flood, drought, etc.). - Develop climate change and sea level rise scenarios; identify scientific basis and methodologies; analyze and assess global and regional climate change scenarios; develop specific climate change and sea level rise scenarios in the period of 2010-2100 for each region of Vietnam.	Ministry of Natural Resources and Environment	Ministries, sectors, and localities	38	2009-2015
<b>II. Develop and implement science and technology programs on climate change</b>				<b>350</b>	
2	Develop and implement national science and technology programs (medium and long terms) to provide scientific basis for development of institutions, policies and plans to respond to climate change. Main contents are:	Ministry of Science and Technology and Ministry of	Ministry of Agriculture and Rural Development, Ministry of Planning	350	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	<ul style="list-style-type: none"> <li>- Enhance researches on phenomena, scientific nature, and unclear facts of climate change; impacts of climate change on socio-economic activities; analyze and assess socio-economic effective (cost-benefit) of activities to respond to climate change;</li> <li>- Consider mainstreaming climate change issues into environmental protection programs, reasonable use of natural resources programs, natural disaster prevention programs, and marine research programs, etc.;</li> <li>- Promote research on scientific basis to enhance climate and climate change monitoring system;</li> <li>- Develop databases for climate change impacts assessment;</li> <li>- Develop technologies to mitigate green house gases emission and technologies to adapt to climate change</li> <li>- Promote the development of coordination mechanism among research, education/ training and technology implementation institutions in the related areas;</li> <li>- Promote international cooperation in scientific and technological activities, effectively apply and transfer climate friendly technologies.</li> </ul>	Natural Resources and Environment	and Investment, other ministries, sectors and localities		
<b>III. Building capacity of organization, institution, policy on climate change</b>				<b>104</b>	
3	Develop documents, instructions, and resolutions on Climate change of the Secretariat of the Central Committee of Communist Party and the Politburo.	Ministry of Natural Resources and Environment (invite Office of the Central Committee of Communist Party to chair)	Ministry of Planning and Investment, other ministries, sectors and localities	4	2009-2010

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
4	Establish and consolidate the management and organization systems of the Program, and action plans to responds to climate change at central and local level and at relevant ministries and sectors.	Ministries, sectors and localities	Ministry of Natural Resources and Environment, Ministry of Home Affairs, other ministries, sectors and localities	100	2009-2010
<b>IV. Awareness enhancement and human resources training</b>				<b>292</b>	
5	Develop plans and programs to raise awareness of selected groups in the Communist Party, State administration system, social organizations, media and the community.	Ministry of Natural Resources and Environment	Ministry of Public Security, Central Department of Propaganda and Training, other ministries, sectors, localities and social organizations	60	2009-2015
6	Develop education and training programs on climate change in school curricula.	Ministry of Education and Training	Ministry of Natural Resources and Environment, Ministry of Public Security, relevant ministries, sectors and localities	70	2009-2015
7	Establish thematic channels on public media (newspaper, radio, television, web, etc) for climate change information exchange.	Ministry of Information and Communication	Ministry of Culture, Sports and Tourism, Ministry of Natural Resources and Environment, Ministry of Agriculture and Rural	60	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
			Development, Ministry of Education and Training and relevant ministries, sectors, localities, and social organizations		
8	To propagate and raise awareness of public community on climate change.	Ministry of Natural Resources and Environment (invite Vietnamese Fatherland Front to co-chair)	Vietnam General Federation of Labour, social organizations, ministries, sectors and localities	15	2009-2015
9	To propagate and promote awareness on the role of women and gender issues in climate change responding activities.	Ministry of Natural Resources and Environment (invite Vietnam Women's Union to co-chair)	Vietnam General Federation of Labour, Ministry of Public Security, social organizations, ministries, sectors and localities	7	2009-2015
10	Conduct awareness raising programs and contests on climate change.	Ministry of Natural Resources and Environment (invite Ho Chi Minh Communist Youth Union to co-chair)	Vietnam General Federation of Labour, social organizations, ministries, sectors and localities	80	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
<b>V. Enhance international cooperation</b>				<b>50</b>	
11	Enhance capacity to participate in regional and international negotiations on climate change.	Ministry of Natural Resources and Environment	Ministry of Foreign Affairs, other Ministries, sectors and localities	25	2009-2015
12	Enhance international information exchange system on climate change.	Ministry of Natural Resources and Environment	Ministry of Foreign Affairs, other Ministries, sectors and localities	25	2009-2015
<b>VI. Develop a standard framework for mainstreaming climate change issue into development</b>				<b>60</b>	
13	Develop a standard framework for mainstreaming climate change issue into development.	Ministry of Planning and Investment	Ministries, sectors, localities, and Office of Climate Change Executive Committee of sectors and localities	60	2009-2015
<b>VI. Develop and implement action plans to respond to climate change</b>				<b>921</b>	
14	Develop and implement action plan to respond to climate change of the Ministry of Natural Resources and Environment. - Assess impacts of climate change and sea level rise on sectors administered by the Ministry; - Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry; - Mainstream climate change issues into strategies, programs, plans and planning of the Ministry; - Implement other relevant tasks: improve and upgrade climate monitoring system and climate and natural disasters early warning system; develop integrated river basins	Ministry of Natural Resources and Environment	Ministry of Planning and Investment, other ministries, sectors and localities	450	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	management model and integrated coastal zone management model towards adapting to climate change; improve forecasting and warning capacity for natural disasters prevention and mitigation; propose measures to rehabilitate damages caused by natural disasters; and implement pilot projects.				
15	<p>Develop and implement action plan to respond to climate change of the Ministry of Agriculture and Rural Development.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other relevant tasks: develop coastal economic models to respond to climate change; study science bases, realities and propose projects on socio-economic development in regularly dry areas; Propose to integrate climate change issues into development of measures to ensure security of water sources, sea dyke system, reservoir; propose measures to develop protective forests (upstream forests and coastal forests) in accordance with climate change scenarios; study to modify management strategy and planning on protected areas system of Vietnam to respond to climate change; and implement pilot projects.</li> </ul>	Ministry of Agriculture and Rural Development	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors and localities	120	2009-2015
16	<p>Develop and implement action plan to respond to climate change of the Ministry of Planning and Investment.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> </ul>	Ministry of Planning and Investment	Ministry of Natural Resources and Environment, Ministry of	60	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	<ul style="list-style-type: none"> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other relevant tasks: collaborate with the Ministry of Natural Resources and Environment to develop guidelines for mainstreaming climate change issues into socio-economic development plans of localities and development plans of Ministries/sectors; plans to respond to climate change for regions and areas; develop mechanisms and policies to encourage investment into clean development mechanism, emission reduction, and environmental protection; and implement pilot projects.</li> </ul>		Agriculture and Rural Development, and other ministries, sectors and localities		
17	<p>Develop and implement action plan to respond to climate change of the Ministry of Public Security.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: develop curriculum/training manual and practice/drill in rescuing and fast reacting to urgent situations relating to climate change, natural disaster; implement pilot projects.</li> </ul>	Ministry of Public Security	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors and localities	24	2009-2015
18	<p>Develop and implement action plan to respond to climate change of the Ministry of Defense.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level</li> </ul>	Ministry of Defense	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, other	12	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	<p>rise for sectors administered by the Ministry;</p> <ul style="list-style-type: none"> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: including adjust plans, planning towards climate change adaptation; develop curriculum/training manual and practice/drill in rescuing and fast reacting to urgent situations relating to climate change/natural disasters; and implement pilot projects.</li> </ul>		<p>ministries, sectors, localities</p>		
19	<p>Develop and implement action plan to respond to climate change of Ministry of Transportation.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: develop measures to adjust planning and designs of transport works; plan and methods of emission reduction such as: energy saving and proper use, strengthening of use of friendly-environmental new energies; traffic jam reduction; and implement pilot projects.</li> </ul>	<p>Ministry of Transportation</p>	<p>Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities</p>	<p>18</p>	<p>2009-2015</p>
20	<p>Develop and implement action plan to respond to climate change of Ministry of Industry and Trade.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: energy saving and proper</li> </ul>	<p>Ministry of Industry and Trade</p>	<p>Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities</p>	<p>80</p>	<p>2009-2015</p>

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	use; study and apply emissions-reduction technologies and energy saving (focus on renewable energies use); study and propose measures ensuring energy security to climate change adaptation; study and propose measures to respond to climate change in trade activities; and implement pilot projects.				
21	<p>Develop and implement action plan to respond to climate change of Ministry of Health.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: measures to high temperate/heat wave adaptation; measures to prevent water and intermediary born diseases, etc caused by climate change; solutions of epidemic prevention for regions / climatic refugees; sanitary methods of epidemic prevention after natural disasters (typhoons, floods, droughts); measures to control new diseases caused by climate change; study and propose additional contents in health criteria, norms to respond to climate change; and implement pilot projects.</li> </ul>	Ministry of Health	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities	15	2009-2015
22	<p>Develop and implement action plan to respond to climate change of Ministry of Construction.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> </ul>	Ministry of Construction	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities	42	2009-2015

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	<ul style="list-style-type: none"> <li>- Implement other related tasks: measures to adjust technical infrastructure planning, urban areas according to climate change scenarios; study and propose additional contents in construction criteria, norms, technical directions to respond to climate change; and implement pilot projects.</li> </ul>				
23	<p>Develop and implement action plan to respond to climate change of Ministry of Labour, Invalids and Social Affair.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: research and propose measures in term of employment security, poverty reduction for the most vulnerable areas caused by climate change; research and propose solutions and plans on migration, resettlement and life security for residents in the most vulnerable areas caused by climate change and sea level rise; issues on gender, population, livelihood; issues on HIV and other social evils; and implement pilot projects.</li> </ul>	Ministry of Labour, Invalids and Social Affair	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities	80	2009-2015
24	<p>Develop and implement action plan to respond to climate change of the National Committee for Search and Rescue.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on research and rescue sectors;</li> <li>- Identify measures to respond to climate change and sea level rise in search and rescue sectors;</li> <li>- Integrate climate change issues into the Committee's strategies, plans and planning;</li> <li>- Mainstream climate change issues into strategies, programs,</li> </ul>	Ministry of Defense	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities	10	2009-2010

No	Category, task, project	Leading Agency	Collaborating Agencies	Tentative budget (VND b)	Execution period
	<p>plans and planning of the Committee;</p> <ul style="list-style-type: none"> <li>- Implement other related tasks: research and establish salvage and rescue network in adaptation to climate change for each region/sector and natural disaster; develop regulations to ensure effectiveness of salvage and rescue network; and implement pilot projects.</li> </ul>				
25	<p>Develop and implement action plan to respond to climate change of the Ministry of Culture, Sports and Tourism.</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise on sectors administered by the Ministry;</li> <li>- Identify measures to respond to climate change and sea level rise for sectors administered by the Ministry;</li> <li>- Mainstream climate change issues into strategies, programs, plans and planning of the Ministry;</li> <li>- Implement other related tasks: research and propose measures on conservation of cultural and tourism areas to respond to climate change; and implement pilot projects.</li> </ul>	Ministry of Culture, Sports and Tourism	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities	10	2009-2010
26	<p>Provinces, Central-governed cities:</p> <ul style="list-style-type: none"> <li>- Assess impacts of climate change and sea level rise to their localities;</li> <li>- Develop action plans to respond to climate change and sea level rise.</li> </ul>	People Committees of provinces and Central-governed cities	Ministry of Natural Resources and Environment, Ministry of Planning and Investment, and other ministries, sectors, localities	150	2009-2010
	<p><b>Total budget</b>  <i>Say in words: One thousand nine hundred sixty five billions Vietnam Dong</i>  <i>(This budget excludes budget to implement action plans of Ministries, sectors, localities. Budget to implement action plans of Ministries, sectors, localities will be specified in these plans)</i></p>			<b>1,965</b>	2009-2015

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