



**PLAN FOR IMPLEMENTATION
OF
THE PARIS AGREEMENT**

Hanoi, August 2016

Table of Contents

I. INTRODUCTION	1
<i>1.1. Paris Agreement and Viet Nam's commitments</i>	<i>1</i>
<i>1.2. Legal basis for Plan development</i>	<i>1</i>
<i>1.3. Main contents of the Plan</i>	<i>2</i>
II. VIEWPOINTS AND OBJECTIVES	3
<i>2.1. Viewpoints</i>	<i>3</i>
<i>2.2. Objectives</i>	<i>3</i>
2.2.1. Overall objective	3
2.2.2. Specific objectives	3
<i>2.3. Scope and Timeframe</i>	<i>4</i>
III. CONTENTS OF THE PLAN	4
<i>3.1. Mitigation of greenhouse gas emissions</i>	<i>4</i>
3.1.1. Implementation activities 2016 – 2020	4
3.1.2. Implementation activities 2021 – 2030	4
<i>3.2. Adaptation to climate change</i>	<i>5</i>
3.2.1. Implementation activities 2016 - 2020	5
3.2.2. Implementation activities 2021 – 2030	5
<i>3.3. Development and efficient utilization of resources</i>	<i>5</i>
3.3.1. Human resources	5
3.3.2. Technological resources	5
3.3.2. Financial resources	5
<i>3.4. Establishment of Transparency System (MRV)</i>	<i>6</i>
3.4.1. MRV for mitigation of GHG emissions	6
3.4.2. MRV for adaptation to climate change	6
3.4.3. MRV for resource allocation	6
<i>3.5. Development and revision of institutions and policies</i>	<i>6</i>
IV. TOTAL CAPITAL REQUIREMENTS	6
V. SOLUTIONS FOR IMPLEMENTATION	7
VI. IMPLEMENTATION ARRANGEMENTS	7
ANNEX I: TASKS TO IMPLEMENT THE PARIS AGREEMENT	1
<i>I. MITIGATION OF GREENHOUSE GAS EMISSIONS</i>	<i>1</i>
1.1 Tasks with high priority during 2016 - 2020	1
1.2 Tasks with high priority during 2021 – 2030	9

<i>II. ADAPTATION TO CLIMATE CHANGE</i>	<i>12</i>
2.1 Tasks with high priority during 2016 - 2020	12
2.2 Tasks with high priority during 2021 – 2030	16
<i>III. PREPARATION OF RESOURCES</i>	<i>25</i>
3.1. Preparation of human resources	25
3.2. Preparation of technological resources	26
3.3. Preparation of financial resources	28
<i>IV. ESTABLISHMENT OF TRANSPARENCY SYSTEM (MRV)</i>	<i>32</i>
4.1. MRV for mitigation of GHG emissions	32
4.2. MRV for adaptation to climate change	34
4.3. MRV for resource allocation	36
<i>V. DEVELOPMENT AND REVISION OF POLICIES AND INSTITUTIONS</i>	<i>38</i>
5.1. Development and revision of policies	38
5.2. Institution arrangements	39
ANNEX II: POLICY ACTIONS OF SUPPORT PROGRAM TO RESPOND TO CLIMATE CHANGE	41

ABBREVIATIONS

AFD	French Development Agency
BAU	Business-as-Usual
CDM	Clean Development Mechanism
COP21	21st Conference of the Parties of the United Nations Framework Convention on Climate Change
GG	Green Growth
GHG	Greenhouse gas
GSO	General Statistics Office
INDC	Intended Nationally Determined Contribution
JICA	Japan International Cooperation Agency
MARD	Ministry of Agriculture and Rural Development
MOIC	Ministry of Information and Communications
MOC	Ministry of Construction
MOET	Ministry of Education and Training
MOF	Ministry of Finance
MOHA	Ministry of Home Affairs
MOIT	Ministry of Industry and Trade
MOLISA	Ministry of Labour-Invalids and Social Affairs
MONRE	Ministry of Natural Resources and Environment
MOST	Ministry of Science and Technology
MPI	Ministry of Planning and Investment
MRV	Transparency system, also known as Measurement, Reporting, and Verification - MRV
MOT	Ministry of Transport
NAMA	Nationally Appropriate Mitigation Actions
NCCC	National Committee for Climate Change
NDC	Nationally Determined Contributions
PMR	Partnership for Market Readiness
REDD+	Efforts to reduce emissions from deforestation and forest degradation, sustainable management of forests, and enhancement of forest carbon stocks
SBV	The State Bank of Viet Nam
SP-RCC	Support Programme to Respond to Climate Change
VPCC	Viet Nam Panel on Climate Change
WB	World Bank

I. INTRODUCTION

1.1. Paris Agreement and Viet Nam's commitments

The Paris Agreement, adopted at the 21st Conference of the Parties of the United Nations Framework Convention on Climate Change (COP21), is the first international legal document that includes responsibilities of all Parties in responding to climate change. The Parties committed to these responsibilities through their Intended Nationally Determined Contributions (INDC).

As one of the countries heavily impacted by climate change, Viet Nam has been and is implementing many solutions to respond to climate change through developing and carrying out the National Climate Change Strategy (CCS) and Green Growth Strategy (GGS). These are strategic trajectories to solve climate change problems in a fundamental, methodological manner in many decades to come, and were a key content in constructing Viet Nam's commitments in its INDC, submitted to the United Nations in October 2015.

Viet Nam's INDC comprises of two main components: mitigation of greenhouse gas (GHG) emissions, and adaptation to climate change.

For mitigation of GHG emissions, by 2030, Viet Nam commits to reduce 8% GHG emissions compared to Business-as-Usual (BAU) levels when using its own resources, and up to 25% when receiving international support. Emission mitigation targets will be periodically reviewed, evaluated, and revised in accordance with conditions of socio-economic developments in each period.

For adaptation to climate change, Viet Nam will continue its programmes and projects to adapt to climate change within the scope of the National Climate Change Strategy, in order to improve resilience, to protect the citizens' lives and livelihoods, and to facilitate large contributions to GHG emission mitigation.

1.2. Legal basis for Plan development

The development of Plan for Implementation of the Paris Agreement is based on the following:

- International Treaty Law No.108/2016/QH13 dated 09/04/2016;
- Resolution No.24-NQ/TW dated 3/6/2013 of the 7th Session of the 11th Central Committee on active response to climate change, enhancing resource management and environmental protection;
- Resolution No.63/NQ-CP dated 22/7/2016, promulgating the Government Action Programme to execute the Resolution of the National Assembly on the 2016-2020 five-year socio-economic development plan (Item151);

- Resolution No.08/NQ-CP in 2014 on Programme to execute Resolution No.24-NQ/TW by the Government on active response to climate change, enhancing resource management and environmental protection;

- Decision No.2139/QĐ-TTg dated 05/12/2012 by the Prime Minister, on approval of the National Climate Change Strategy;

- Decision No.1393/QĐ-TTg dated 25/09/2012 by the Prime Minister, on approval of the Green Growth Strategy;

- Notice No.13/TB-VPCP dated 15/1/2016 by the Government Office, on the concluding remarks of Deputy Prime Minister Hoang Trung Hai on the National Target Program to Respond to Climate Change and Green Growth (GG);

- Official Letter No.191/VPCP-QHQT dated 1/2/2016 on the Prime Minister's participation in COP21, and the outcomes of COP21 in France and of visits to the Kingdom of Belgium and EU;

- Notice No.69/TB-VPCP by the Government Office: conclusions of Prime Minister Nguyen Xuan Phuc at the 12th meeting of National Committee for Climate Change on 29/4/2016.

1.3. Main contents of the Plan

Plan for Implementation of the Paris Agreement comprises of five main components:

- Mitigation of GHG emissions: voluntary and compulsory mitigation activities in accordance with the requirements of the Paris Agreement to achieve emission mitigation targets listed in the INDC and to take advantage of the opportunity to develop the economy in a low-carbon direction;

- Adaptation to climate change: adaptation activities as committed in the INDC in order to improve resilience of the community and conserve livelihoods of citizens;

- Implementation resources: activities to develop human resources, develop and transfer technologies, and mobilize financial resources to ensure fulfilment of commitments determined in the INDC and take advantage of opportunities for country development presented by the Paris Agreement;

- Transparency system (MRV system): to monitor and supervise the mitigation of GHG emissions, adaptation to climate changes and to ensure adequate implementation resources;

- Institutions and policies: develop and revise legal documents, provide technical guidance; define responsibilities of ministries, sectors and localities, and enhance coordination in handling regional and inter-sectoral issues to ensure good implementation of the Paris Agreement.

II. VIEWPOINTS AND OBJECTIVES

2.1. Viewpoints

1. Viet Nam is a developing country strongly impacted by climate change, so implementation of the Paris Agreement needs to be suitable to Viet Nam's development circumstances during each period and the level of international support received;

2. Implementation of the Paris Agreement needs to inherit viewpoints, policies and activities for climate change response and GG which have been and are being implemented with adjustments and supplements to be in line with new requirements and take advantage of the opportunities presented by the Paris Agreement;

3. In early stages, adaptation to climate change continues to be the focus. The main resources for climate change adaptation come from government budget, including ODA. In the long run, resources for GHG emission mitigation and GG will come from private investments, with state resources playing a leverage role.

2.2. Objectives

2.2.1. Overall objective

Identify and implement appropriate activities and solutions until 2020 and 2030 to gradually carry out all the provisions in the Paris Agreement applicable to Viet Nam.

2.2.2. Specific objectives

1. Fulfil commitments in the Intended Nationally Determined Contribution to mitigate GHG emissions;

2. Fulfil commitments in the Intended Nationally Determined Contribution to adapt to climate change;

3. Prepare human, technological and financial resources to fulfil commitments in the Intended Nationally Determined Contribution and contribute to the transition to a low-carbon, highly resilient economy;

4. Establish and operate the transparency system (MRV) to monitor and assess the implementation of adaptation, mitigation, and resource preparation;

5. Revise institutions and policies to establish a favourable environment and focus national efforts to respond to climate change, including assessing the current situation, to make adjustments to policies, strategies, national plans to harmonize between climate change response and socio-economic development; enhance coordination in handling regional and inter-sectoral issues; attract private resources and international support.

2.3. Scope and Timeframe

The timeframe of this Plan is until 2030, in which:

- The period from 2016 to 2020 focuses on preparation for readiness in 2020 to carry out responsibilities determined in the Paris Agreement, as well as on implementation of approved activities to respond to climate change;

- The period from 2021 to 2030 focuses on fulfilling commitments determined in the INDC, and carrying out new tasks as required by the Paris Agreement.

During implementation, this Plan may be adjusted appropriately to specific national circumstances, level of international support, and global climate change negotiation situations.

III. CONTENTS OF THE PLAN

3.1. Mitigation of greenhouse gas emissions

3.1.1. Implementation activities 2016 – 2020

- Compulsory implementation of tasks 1, 2, 3 in Annex I: develop a Decree on the roadmap and modality for GHG emission mitigation; update NDC and assess Viet Nam's efforts in GHG emission mitigation to participate in dialogue in 2018 to take stock of the collective efforts of Parties, as required by the Paris Agreement and the 2014 Law of Environment;

- Priority continuation of tasks 4, 5, 6, 7, 8, and 9 in Annex I: mitigation of GHG emissions and GG activities to fulfil the Environment Law, National Climate Change Strategy, GG Strategy, and Scheme of GHG Emission Management;

- Priority initiation of tasks 10, 11, 12, 13, and 14 in Annex I: activities to develop a carbon market within the country; piloting the system, policies and market tools for mitigation of GHG emissions in industry, transport, agriculture and construction sectors to mobilize international support and gain experience for broader implementation post-2020.

3.1.2. Implementation activities 2021 – 2030

- Compulsory implementation of task 15 in Annex I to fulfil INDC commitments until 2030 of reducing 8% GHG emissions compared to Business-as-Usual (BAU) levels;

- Priority initiation of tasks 16, 17, 18, and 19 in Annex I to mobilize international support to increase the committed mitigation of GHG emissions until 2030 to 25% compared to the BAU levels.

3.2. Adaptation to climate change

3.2.1. Implementation activities 2016 - 2020

- Compulsory implementation of tasks 20 and 21 in Annex I: review approved adaptation projects, add indicators to facilitate MRV; develop National Adaptation Plan and climate change vulnerability assessment as required by the Paris Agreement;
- Priority continuation of tasks 22, 23, 24, 25, 26, and 27 in Annex I (after reviewing and adding activities to facilitate MRV). These are climate change adaptation tasks that have been approved to implement the National Climate Change Strategy and are congruent with commitments in the INDC.

3.2.2. Implementation activities 2021 – 2030

Priority implementation of the 20 tasks in Annex I, from task 28 to task 47: climate change adaptation commitments in the INDC to repair and maintain current infrastructure, construct new projects to prevent and combat natural disasters, as well as develop socio-economically in the context of climate change, with state investments, international support, and participation of economic sectors.

3.3. Development and efficient utilization of resources

3.3.1. Human resources

- Priority implementation of tasks 48, 49, and 50 in Annex I to train and develop human resources for the present and the future, meeting implementation requirements of the Paris Agreement.

3.3.2. Technological resources

- Priority implementation of tasks 51, 52, and 53 in Annex I to build the legal basis and a favourable environment for development and transfer of technologies to respond to climate change.

3.3.2. Financial resources

- Compulsory implementation of tasks 54, 55 in Annex I to develop and implement guidelines on finance and investment for climate change and allocate resources to develop National Communications as required by the Paris Agreement;
- Priority implementation of tasks 56, 57, 58, 59, 60, and 61 in Annex I to develop the legal basis and environment to mobilize financial resources to respond to climate change.

3.4. Establishment of Transparency System (MRV)

3.4.1. MRV for mitigation of GHG emissions

- Compulsory implementation of tasks 62, 63, 64, 65, and 66 in Annex I on development and completion of the MRV system on a national scale and for the industry, agriculture, construction, and transport sectors to implement commitments in the INDC;
- Priority implementation of task 67 in Annex I on development of the MRV system for the land use sector.

3.4.2. MRV for adaptation to climate change

- Compulsory implementation of tasks 68, 69, 70, and 71 in Annex I on development of the National Communication on Adaptation, establishment of the MRV system for adaptation on a national scale and for the agriculture and transport sectors.

3.4.3. MRV for resource allocation

- Compulsory implementation of tasks 72, 73, and 74 in Annex I on MRV for allocation of human, technological, and financial resources.

3.5. Development and revision of institutions and policies

- Compulsory implementation of tasks 75, 76, 77, and 78 in Annex I to complete the transition of institutions and policies from voluntary response to compulsory response, as committed in the INDC and under international assessment as required in the Paris Agreement.
- Priority implementation of tasks 79 and 80 in Annex I to enhance coordination in handling regional and inter-sectoral issues, and international negotiation on climate change;
- Priority cooperation with SP-RCC development partners to develop the Annual Policy Matrices to submit to the Prime Minister for approval, as well as implement the Matrices once approved. List of policy actions to be discussed with SP-RCC development partners for annual approval can be found in Annex II.

IV. TOTAL CAPITAL REQUIREMENTS

(to be added based on the calculation by ministries)

Capital requirements for compulsory tasks for the Paris Agreement implementation in Viet Nam are ... billion VND, in which ... billion VND are needed for until 2020.

Capital requirements for other activities are... billion VND.

V. SOLUTIONS FOR IMPLEMENTATION

1. Activities in the Plan for Implementation of the Paris Agreement until 2030 needs to be executed uniformly and relevant to contents in: mitigation of GHG emissions; adaptation to climate change; resource enhancement; transparency system; revision of institutions and policies.

2. Ministries, sectors and localities, People's Committees of provinces and cities and relevant agencies are responsible for leading the implementation of tasks in the Plan, as well as submitting specific solutions for implementation until 2020 and 2030.

3. Resource solutions:

a) Mobilization and utilization of resources for task implementations:

- The resources for implementation of this Plan are mobilized from multiple channels, in compliance with the Budget Law, Public Investment Law, Investment Law, Law of Environment, Law of Hydrology and Meteorology and other related legal documents. Examples of mobilization channels include: direct government budget (both central and local); government budget via the National Target Program to Respond to Climate Change and Green Growth; direct international support, international support via the SP-RCC; resources from enterprises; and community contributions.

- Ministries, sectors and localities are responsible for mobilization and management of resources to respond to climate change according to assigned roles and tasks, and directions outlined in this Plan.

c) Allocation of resources:

- For compulsory tasks: focus resources within the country and international technical support for timely completion;

- For other tasks:

+ The government prioritizes and allocate appropriate funding from central and local government budgets and international support via the SP-RCC for implementation, especially for tasks regarding completion of institutions, climate change adaptation, and urgent, no-regret investments to respond to climate change;

+ The government establishes the legal basis to encourage financial organizations and enterprises to invest resources to execute the Plan for Implementation of the Paris Agreement.

VI. IMPLEMENTATION ARRANGEMENTS

1. National Committee for Climate Change is the agency in charge of giving directions for executing the Plan for Implementation of the Paris Agreement;

2. The Ministry of Natural Resources and Environment is the coordinating agency to assist the Government execute the Plan for Implementation of the Paris Agreement; and to guide, monitor, assess, inspect, and summarize the implementation progress;

3. The Office of the National Committee for Climate Change assists the NCCC to research and summarize the implementation of the Plan by Ministries, sectors and localities; periodically reports on the implementation progress of the Plan;

4. Ministries, sectors, State Bank of Vietnam, People's Committees of provinces and cities are responsible for leading and cooperating for the implementation of the tasks as determined in Annex I and Annex II.

Specific lead agencies of the tasks are assigned as follows:

- Ministry of Natural Resources and Environment leads the implementation of the following tasks: 1, 2, 3, 10, 21, 22, 26, 27, 28, 36, 38, 42, 43, 48, 61, 62, 67, 68, 69, 75, and 76 in Annex I, in which tasks 1, 2, 3, 21, 62, 68, 69, 75, and 76 are compulsory; cooperates with MARD to implement tasks 23, 24, 37; with MPI to implement tasks 29, 57, 58, 59, 77; with MOF to implement task 55; with MOST to implement tasks 51, 52; with MOHA to implement task 78; with MIC to implement task 50;

- Ministry of Planning and Investment leads the implementation of tasks 29, 54, 56, 57, 58, 59, 72, 73, and 77 in Annex I, in which tasks 54, 72, 73, and 77 are compulsory; cooperates with MOST to implement tasks 51, 52; with MOHA to implement task 78; with MONRE to implement tasks 3, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Industry and Trade leads the implementation of tasks 4, 5, 6, 11, 16, and 63 in Annex I, in which task 63 is compulsory; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOST to implement tasks 51, 52; with MOHA to implement task 78; with MONRE to implement tasks 2, 3, 10, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Transport leads the implementation of tasks 7, 12, 17, 64, and 71 in Annex I, in which tasks 64 and 71 are compulsory; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOC to implement task 35; with MOST to implement tasks 51, 52; with MOHA to implement task 78; with MONRE to implement tasks 2, 3, 10, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Construction leads the implementation of tasks 9, 14, 19, 25, 35, 44, 45, and 66 in Annex I, in which task 66 is compulsory; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOST to implement tasks 51, 52; with MOHA to implement task 78; with MONRE to implement tasks 2, 3, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Agriculture and Rural Development leads the implementation of tasks 8, 13, 18, 23, 24, 30, 31, 32, 33, 37, 39, 40, 41, 46, 65, and 70 in Annex I, in which tasks 65 and 70 are compulsory; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOHA to implement task 78; with MONRE to implement tasks 2, 3, 10, 22, 26, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Finance leads the implementation of tasks 34 and 35 in Annex I, in which task 35 is compulsory; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOST to implement tasks 51, 52; with SBV to implement task 60; with MOHA to implement task 78; with MONRE to implement tasks 3, 10, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Home Affairs leads the implementation of task 78 in Annex I, which is a compulsory task; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOST to implement tasks 51, 52; with MONRE to implement tasks 3, 27, 38, 42, 48, 61; with MIC to implement task 50;

- Ministry of Education and Training leads the implementation of task 49 in Annex I; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOST to implement tasks 51, 52; with MOHA to implement task 78; with MONRE to implement tasks 3, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Science and Technology leads the implementation of tasks 51, 52, and 74 in Annex I, in which task 74 is compulsory; cooperates with MPI to implement tasks 29, 57, 58, 59, 77; with MOHA to implement task 78; with MONRE to implement tasks 3, 27, 38, 42, 48, 61, 76; with MIC to implement task 50;

- Ministry of Information and Communications leads the implementation of task 50;

- Ministry of National Defence and Ministry of Public Security: cooperates with MONRE to implement tasks 3, 22, 27, 38, 42, 48, 61; with MARD to implement tasks 30, 31; with MIC to implement task 50;

- Ministry of Health cooperates with MONRE to implement task 76; with MIC to implement task 50;

- All Ministries and sectors lead the implementation of tasks 15, 20, and 53 in Annex I, in which tasks 15 and 20 are compulsory; cooperate with Ministries that lead the implementation of tasks 3, 20, 27, 38, 48, 50, 51, 52, 53, 58, 59, 61, 68, 75, 77, 78, and 79;

- The State Bank of Vietnam leads the implementation of task 60 in Annex I; cooperates with MPI to implement tasks 57, 73;

- The State Securities Commission: cooperates with MPI to implement task 57;

- The National Committee for Climate Change leads the implementation of task 79 in Annex I; cooperates with MOHA to implement task 78; with MIC to implement task 50;

- The Climate Change Negotiation Team of Vietnam leads the implementation of task 80 in Annex I; cooperates with MIC to implement task 50;

- People's Committees of provinces and cities lead the implementation of tasks 15, 20, and 53 in Annex I, in which tasks 15 and 20 are compulsory; cooperate with Ministries and sectors that lead the implementation of tasks: 11, 12, 13, 14, 15, 20, 22, 24, 27, 29, 30, 32, 33, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 50, 52, 53, 58, 59, 61, 68, 77, 78, and 79;

- People's Committees of coastal provinces and cities lead the implementation of task 47 in Annex I;

5. Pursuant to the approved Plan for Implementation of the Paris Agreement, Ministries, sectors, localities and relevant agencies act in accordance with their assigned tasks to develop schemes, projects, cost estimates to submit to authorized agencies for approval as basis to determine and allocate funds according to current regulations. Among these tasks, schemes and projects, determine those of regular responsibilities, which must be included in the annual budget estimates to implement;

6. Ministries, sectors, localities and relevant agencies act in accordance with their assigned tasks to periodically report their implementation progress of the Paris Agreement to the Office of National Committee for Climate Change and Ministry of Natural Resources and Environment to synthesize NCCC report and Government report by October 31st each year.

ANNEX I: TASKS TO IMPLEMENT THE PARIS AGREEMENT

I. MITIGATION OF GREENHOUSE GAS EMISSIONS

1.1. Tasks with high priority during 2016 - 2020

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
1.	<p>- Develop a Decree on the roadmap and modality for Viet Nam's participation in global GHG emission mitigation;</p> <p>2018</p> <p>- Review, revise policies related to mitigation of GHG emissions, GG.</p> <p>2020</p>	NEW, compulsory as required by the Paris Agreement and Article 48 of the 2014 Law of Environment;	MONRE	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	1.000
2.	<p>Periodic GHG assessment for baseline year 2018;</p> <p>2020</p>	NEW, compulsory as required by COP21 and Paragraph 2, Article 41 of the 2014 Law of Environment;	MONRE, MPI (GSO), MOIT, MOT, MOC, MARD, and other relevant agencies	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/>	3.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
				From communities: <input checked="" type="checkbox"/>	
3.	Assess Viet Nam's efforts in mitigation of GHG emissions to update NDC and take stock of the collective efforts of Parties in 2018; 2018	NEW, compulsory as required by the Paris Agreement;	MONRE leads and coordinates with relevant ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000
4.	Implement action plan of the renewable energy development project to 2030, with outlook to 2050; 2018	PRIORITY continuation based on relevance to the Paris Agreement and requirements of Article 43 of 2014 Law of Environment and Vietnam Renewable Energy development project to 2030, with outlook to 2050	MOIT	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	Determined in Vietnam Renewable Energy development project to 2030, with outlook to 2050
5.	Develop policies to encourage	PRIORITY	MOIT	Direct Government budget: <input checked="" type="checkbox"/>	500

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	development of solar energy, wind energy projects; 2017	continuation based on relevance to the Paris Agreement and requirements of Article 43 of 2014 Law of Environment and Vietnam Renewable Energy development project to 2030, with outlook to 2050		Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
6.	Prepare proposals for GHG emission mitigation and GG appropriate to national conditions in the industrial sector during 2021-2030, with outlook to 2050; 2020	PRIORITY continuation based on relevance to the Paris Agreement and requirements of Decision No. 403/QĐ-TTg dated 20/3/2014 on approval of the National Action Plan on GG for the period of 2014-2020 and Decision No.1775/QĐ-TTg dated 21/11/2012 on approval of Scheme of GHG emission management,	MOIT	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	500

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
		management of carbon credit business activities to the world market			
7.	Prepare proposals for GHG emission mitigation and GG appropriate to national conditions in the transport sector during 2021-2030; 2020	PRIORITY continuation based on Decision No. 403/QĐ-TTg dated 20/3/2014 on approval of the National Action Plan on GG for the period of 2014-2020 and Decision No.1775/QĐ-TTg dated 21/11/2012 on approval of Scheme of GHG emission management, management of carbon credit business activities to the world market	MOT	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	500
8.	Prepare proposals for GHG emission mitigation and GG appropriate to national conditions in the agricultural	PRIORITY continuation based on relevance to the Paris Agreement and	MARD	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/>	500

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	sector during 2021-2030; 2020	requirements of Decision No. 403/QĐ-TTg dated 20/3/2014 on approval of the National Action Plan on GG for the period of 2014-2020 and Decision No.1775/QĐ-TTg dated 21/11/2012 on approval of Scheme of GHG emission management, management of carbon credit business activities to the world market		Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
9.	Prepare proposals for GHG emission mitigation and GG appropriate to national conditions in the construction sector during 2021-2030; 2020	PRIORITY continuation based on relevance to the Paris Agreement and requirements of Decision No. 403/QĐ-TTg dated 20/3/2014 on approval of the National Action Plan on GG for the period of	MOC	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	500

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
		2014-2020 and Decision No.1775/QĐ-TTg dated 21/11/2012 on approval of Scheme of GHG emission management, management of carbon credit business activities to the world market			
10	Develop a carbon market within the country and provide guidelines to implement “a mechanism to cooperate and contribute to the mitigation of greenhouse gas emissions; support sustainable development” pursuant to Article 6 in the Paris Agreement; 2018	PRIORITY initiation to prepare for fulfilment of Viet Nam’s commitments in the INDC post-2020 and to mobilize international support. Continued implementation within the scope of the “Partnership for Carbon Market Readiness”, supported by WB, and JCM, supported by Japan.	MONRE, MOF, MOT, MOIT, MARD, MOC	Direct Government budget: <input type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input type="checkbox"/>	5.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
11	Pilot application of mechanisms, policies, market instruments in mitigation of GHG emissions in the industrial sector (high efficiency lighting; high efficiency commercial and residential air conditioning; development of small hydropower plants; use of solar water heaters; high efficiency refrigerators; development of wind power, solar power); 2018	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support.	MOIT and relevant localities and enterprises	Direct Government budget: <input type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	2.000
12	Pilot application of mechanisms, policies, market instruments in mitigation of GHG emissions in the transport sector (Freight transport switch from road; Passenger transport mode shift from private to public vehicle) 2018	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support.	MOT and relevant localities and enterprises	Direct Government budget: <input type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input type="checkbox"/>	2.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
13	<p>Pilot application of mechanisms, policies, market instruments in mitigation of GHG emissions in the agriculture, forestry, [land use] sectors (increase use of biogas; reuse of agricultural residue as organic fertiliser; alternate wetting and drying, and improved rice cultivation system; introduction of biochar; Integrated Crop Management (ICM) in rice and upland annual crop cultivation; protection of natural forest; protection of coastal forest; protection of coastal protection forests; plantation of coastal forest; natural forest regeneration; plantation of large timber forest).</p> <p>2018</p>	<p>PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support.</p>	<p>MARD and relevant localities and enterprises</p>	<p>Direct Government budget: <input type="checkbox"/></p> <p>Government budget via NTP-RCC and GG: <input type="checkbox"/></p> <p>Direct international support: <input checked="" type="checkbox"/></p> <p>International support via SP-RCC: <input checked="" type="checkbox"/></p> <p>From enterprises: <input checked="" type="checkbox"/></p> <p>From communities: <input checked="" type="checkbox"/></p>	<p>2.000</p>

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
14	Pilot application of mechanisms, policies, market instruments in mitigation of GHG emissions in the construction sector (smart city; low-carbon city; cement-making technology improvements; brick-making technology improvements; recovery and use of landfill gas; paper recycling) 2018	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support.	MOC and relevant localities and enterprises	Direct Government budget: <input type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	2.000

1.2. Tasks with high priority during 2021 – 2030

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
15.	Implement activities in GHG emission mitigation and GG appropriate to national conditions in each sector, area and region to execute self-implementation commitments in NDC, based on the global	COMPULSORY as required by the Paris Agreement	All ministries, sectors, localities, and enterprises	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input type="checkbox"/>	10.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	stock taking in 2023 and 2028; 2024 and 2029				
16.	Broad implementation of activities for GHG emission mitigation and green growth, using mechanisms, policies, market instruments in the industrial sector which have been successful in the pre-2020 pilot period, review and select other appropriate activities for GHG emission mitigation and GG for implementation;	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support and private investments.	MOIT and relevant enterprises	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Leverage from Government, resources from international support and participation of enterprises, communities
17.	Broad implementation of activities for GHG emission mitigation and green growth, using mechanisms, policies, market instruments in the transport sector which have been successful in the pre-2020 pilot period; review and select other appropriate activities for GHG emission mitigation implementation;	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support and private investments.	MOT and relevant enterprises	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Leverage from Government, resources from international support and participation of enterprises, communities

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
18.	Broad implementation of activities for GHG emission mitigation and green growth, using mechanisms, policies, market instruments in the agriculture and forestry sectors which have been successful in the pre-2020 pilot period; review and select other appropriate activities for GHG emission mitigation implementation;	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support and private investments.	MARD and relevant enterprises	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Leverage from Government, resources from international support and participation of enterprises, communities
19.	Broad implementation of activities for GHG emission mitigation and green growth, using mechanisms, policies, market instruments in the construction sector which have been successful in the pre-2020 pilot period; review and select other appropriate activities for GHG emission mitigation implementation;	PRIORITY initiation to prepare for fulfilment of Viet Nam's commitments in the INDC post-2020 and to mobilize international support and private investments.	MOC and relevant enterprises	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Leverage from Government, resources from international support and participation of enterprises, communities

II. ADAPTATION TO CLIMATE CHANGE

2.1. Tasks with high priority during 2016 - 2020

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
20.	<p>Review adaptation programmes, projects, plans set for implementation in the past, present, and future for appropriate adjustments to the Paris Agreement:</p> <ul style="list-style-type: none"> - Inclusion of favourable indicators for international MRV; - Uniformed execution of solutions to actively prevent, avoid, limit impacts of typhoons, tropical depressions, high tides, floods, droughts, saltwater intrusion from rising sea level, flash flood, landslides for vulnerable regions; <p>2017</p>	<p>COMPULSORY as required by the Paris Agreement and instructions in Notice No.13/TB-VPCP dated 15/1/2016 by the Government Office, on the concluding remarks of Deputy Prime Minister Hoang Trung Hai; Notice No.69/TB-VPCP by the Government Office: conclusions of Prime Minister Nguyen Xuan Phuc at the 12th meeting of National Committee for Climate Change.</p>	<p>All ministries, sectors, and localities</p>	<p>Direct Government budget: <input checked="" type="checkbox"/></p> <p>Government budget via NTP-RCC and GG: <input type="checkbox"/></p> <p>Direct international support: <input checked="" type="checkbox"/></p> <p>International support via SP-RCC: <input type="checkbox"/></p> <p>From enterprises: <input type="checkbox"/></p> <p>From communities: <input type="checkbox"/></p>	<p>5.000</p>

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
21.	Develop National Adaptation Plan (NAP); update the adaptation section in NDC to help take stock of the collective efforts of the Parties in 2018; 2018	NEW, compulsory as required by the Paris Agreement	MONRE	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	3.500
22.	Improve capacity in natural disaster forecast and alert, climate change monitoring, search and rescue;	PRIORITY implementation to implement the National CC Strategy	MONRE, MARD, MOD, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on approved projects on improving capacity in disaster forecast and alert, climate change monitoring, search and rescue
23.	Implement projects in forest planting and restoration: - Plant and restore coastal	PRIORITY continuation to implement the National	MARD, MONRE, localities and	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC	Based on approved afforestation

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	forests to create soft dykes to protect against waves and rise in water levels, increase CO2 absorption, and create sustainable livelihoods; - Plant and restore upstream protection forests to increase water retention, control erosion, increase coverage, reduce damage from floods, flash floods, landslides, protect structures downstream, regulate atmosphere, maintain and develop sustainable livelihoods;	CC Strategy, Plan for Implementation of the National CC Strategy, Notice No.69/TB-VPCP by the Government Office: conclusions of Prime Minister Nguyen Xuan Phuc at the 12th meeting of National Committee for Climate Change.	enterprises	and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	projects
24.	Implement construction and renovation projects: - Water reservoirs for daily life and production in the context of increase in salinization and droughts, collection and use of rainwater, artificial increase of groundwater; - Incorporation of soft	PRIORITY continuation to implement the National CC Strategy, Plan for Implementation of the National CC Strategy, Notice No.69/TB-VPCP by the Government Office: conclusions of Prime	MARD, MOC, MONRE, localities and enterprises	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on approved irrigation, and river and sea dyke projects.

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	structures to sea dykes, river dykes in areas with large and direct impact on production, survivor and life of people;	Minister Nguyen Xuan Phuc at the 12th meeting of National Committee for Climate Change.			
25.	Implement urban development in response to climate change in order to adapt to climate change in urban areas and constructions;	PRIORITY continuation to implement Decision No. 2623/QĐ-TTG dated 31/12/2013	MOC	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific approved projects
26.	Assess risks and vulnerability, determine adaptation needs and needs to address loss and damage (L&D) issues; independent piloting to gain experience; 2018	PRIORITY initiation to have a full picture of climate change's impacts to Viet Nam to use as basis for adaptation resources	MONRE, MARD	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input checked="" type="checkbox"/>	50.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
27.	Review available information and data on adaptation and loss and damage, propose additional information, research and data management and sharing methods appropriate to the Paris Agreement; 2018	PRIORITY initiation	MONRE, MARD, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000

2.2. Tasks with high priority during 2021 – 2030

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
28.	Modernize meteorological monitoring systems and forecast technology to ensure early forecast and alert of extreme weather and climate phenomena and natural disasters; develop systems to assess and monitor climate change and sea level rise;	PRIORITY implementation of adaptation commitments in the INDC;	MONRE	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private investments

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
29.	Socio-economic development planning, sectoral planning based on climate change scenarios with focus on key sectors and regions;	PRIORITY implementation of adaptation commitments in the INDC;	MPI, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support
30.	Implement plans and solutions to prevent natural disasters, protect lives of people, and ensure national defence and security;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, MOD, MPS, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private investments. Government budget reserved for repair, maintenance and new construction important structures.

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
31.	Consolidate and develop important and urgent natural disaster prevention projects; strengthen capacity for search and rescue forces;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, MOD, MPS, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private investments. Government budget reserved for repair, maintenance and new construction important structures.
32.	Develop infrastructure and planning of residential areas; relocation and rearrangement of residential areas frequently affected by typhoons, floods, erosion of riverbanks and seashores, or in risk of flash floods, landslides;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, MOC, MOT, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
					investments. Government budget reserved for repair, maintenance and new construction important structures.
33.	Review, adjust and develop livelihoods and production process suitable for climate change conditions, in line with poverty eradication and social equity;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, MOLISA, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Regular task
34.	Enhance insurance and risk sharing systems for climate risks and natural disasters; 2022	PRIORITY implementation of adaptation commitments in the INDC;	MOF and enterprises	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Private and international support
35.	Complete technical guidelines and standards for infrastructures, public works and welfares suitable for the	PRIORITY implementation of adaptation commitments in the	MOC, MOT	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/>	3.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	context of climate change; 2022	INDC;		From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
36.	Adaptation based on ecosystems, approval of development of eco-service systems, conservation of biological diversity, prioritized conservation of gene pool, species in danger of extinction, and important ecosystems;	PRIORITY implementation of adaptation commitments in the INDC;	MONRE, MARD, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	2.000
37.	Adaptation based on communities, usage of local knowledge, prioritize most vulnerable communities;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, MONRE, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	2.000
38.	Integrated management of river basin water resources; ensure reservoir safety; enhance international cooperation in handling trans-border issues;	PRIORITY implementation of adaptation commitments in the INDC;	MONRE, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/>	5.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	ensure water source security;			From communities: <input checked="" type="checkbox"/>	
39.	Ensure food security through appropriate protection and maintenance, and sustainable management of agricultural land; restructure crop and livestock; create new breeds that adapt to climate change; improve disease control and prevention system;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects
40.	Sustainable forest development; enhance quality of natural forests in exhaustion; plant and restore forests, with focus on big lumber plantations; prevent forest loss and degradation;	PRIORITY implementation of adaptation commitments in the INDC;	MARD, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private investments
41.	Protect, restore, plant new, and improve quality of coastal forests (including mangroves), particularly along the estuaries and delta coastlines of Mekong	PRIORITY implementation of adaptation commitments in the	MARD, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	River and Red River;	INDC;		From communities: <input checked="" type="checkbox"/>	international support and private investments
42.	Integrated coastal management	PRIORITY implementation of adaptation commitments in the INDC;	MONRE, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects
43.	Planning of land usage in accordance with climate change and rising sea level scenarios;	PRIORITY implementation of adaptation commitments in the INDC;	MONRE, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects
44.	Planning of coastal and insular urban areas, infrastructure, industrial parks and resettlement areas in accordance with rising sea level scenarios;	PRIORITY implementation of adaptation commitments in the INDC;	MOC, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects
45.	Prevent flooding in large coastal cities; build	PRIORITY implementation of	MOC, localities	Direct Government budget: <input checked="" type="checkbox"/>	Based on specific

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	infrastructure resilient to climate change impacts; strengthen and build new water supply and drainage systems;	adaptation commitments in the INDC;		Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	projects, with focus on mobilization of international support and private investments. Government budget reserved for repair, maintenance and new construction important structures.
46.	Strengthen, upgrade and complete vulnerable river and coastal dykes;	PRIORITY implementation of adaptation commitments in the INDC and of the National Strategy for Natural Disaster Prevention, Response and Mitigation	MARD, localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private investments. Government budget reserved

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
					for repair, maintenance and new construction important structures.
47.	Control of salinization in most heavily impacted regions.	PRIORITY implementation of adaptation commitments in the INDC;	Coastal localities	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	Based on specific projects, with focus on mobilization of international support and private investments. Government budget reserved for repair, maintenance and new construction important structures.

III. PREPARATION OF RESOURCES

3.1. Preparation of human resources

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
48.	Develop and implement programs to retrain officials, staff, and labourers to meet the requirements of the Paris Agreement; 2017	PRIORITY implementation based on the National Strategy on Climate Change	MONRE, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	50.000
49.	Develop and implement curricula to educate and update knowledge on climate change, in line with the Paris Agreement's requirements on the education and training system within the country; 2018	PRIORITY implementation based on the National Strategy on Climate Change	MOET, research institutes	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	10.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
50.	Advocate and raise awareness on the Paris Agreement in Viet Nam, with focus on mitigation of GHG emissions;	PRIORITY implementation based on the National Strategy on Climate Change and Official Letter No. 191/TB-VPCP dated 1/2/2016 of the Government Office (COP21)	MONRE, other ministries, sectors, localities	Direct Government budget: <input type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	100.000

3.2. Preparation of technological resources

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
51.	Assess needs for climate change response technologies as appropriate to Viet Nam's conditions in each sector; enhance cooperation with regional and global Climate Technology Centre & Network (CTCN);	PRIORITY implementation to get a full picture of adaptation technologies for climate change	MOST, MONRE, other ministries, sectors	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/>	2.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	2018			From communities: <input type="checkbox"/>	
52.	Review and complete mechanisms and policies to encourage research and transfer of climate change technologies; strengthen leading research institutions on adaptation; enhance international cooperation on research and exchange of adaptation technologies;	PRIORITY implementation	MOST, MONRE, other ministries, sectors, localities, enterprises, research institutes, the Government Office, NCCC	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	Regular task
53.	Pilot implementation of technologies to respond to climate change that have potential and are appropriate to Viet Nam's conditions; 2019	PRIORITY implementation	ministries, sectors, localities, enterprises	Direct Government budget: <input type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input type="checkbox"/>	Depending technology selected

3.3. Preparation of financial resources

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
54.	Develop guidelines for climate change finance and investment; 2019	COMPULSORY as required by the Paris Agreement	MPI, MOF	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	Regular task
55.	Allocate resources to develop periodic national communications to UNFCCC, including National GHG Inventory, Biennial Updated Report (BUR), national communication on adaptation, national communication on climate change...;	COMPULSORY as required by the Paris Agreement	MOF, MONRE	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	30.000
56.	Assess Viet Nam's climate change investments and GG to determine needs, deficit,	PRIORITY implementation based on SP-RCC, and the	MPI, MOF	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC	2.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	investment priority of private and public sectors, barriers to foreign and private investments for climate change response; 2016	Climate Public Expenditure and Institutional Review (CPEIR) supported by WB and UNDP		and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
57.	Develop mechanisms and policies to mobilize resources from all sectors investing in climate change response, with focus on development of renewable energy, economical and efficient usage of energy; 2019	PRIORITY implementation based on requirements in Decree No. 15/2015/NĐ-CP 2015 on public-private partnership investment; instructions at 6th and 7th meetings of NCCC; Vietnam Renewable Energy development project.	MPI, MOF, MOIT, SBV, SSC	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
58.	Propose a list of climate change response and GG projects that have potentials to encourage participation from all economic sectors;	PRIORITY implementation to mobilize resources from non-state economic sectors	MPI, other ministries, sectors, localities, enterprises	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input type="checkbox"/>	

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	2018			International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
59.	Develop the Resource Mobilization Framework for climate change and GG inclusive of private sectors; develop an implementation plan that is in line with the Paris Agreement and the socio-economic development plan for 2016-2020; 2016	PRIORITY implementation This task is being implemented within the scope of SP-RCC, and supported by WB in developing RMF, including guidelines for supervision of climate change response expenditures from national and international resources.	MPI, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	Support from WB
60.	Accelerate the development and implementation of financial instruments such as green bond, green investment fund; 2018	PRIORITY implementation based on the MOF Action Plan on Green growth; Directive No.3 of SBV Governor on promotion of green finance,	SBV, MOF, MPI	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/>	Support from GIZ

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
		supported by GIZ.		From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
61.	Develop a list of projects for priority implementation to fulfil NDC commitments, utilizing a variety of investment methods to mobilize private investments and international support; 2017	PRIORITY implementation to take advantage of opportunities presented by the Paris Agreement	MONRE, MPI, other ministries, sectors, localities, enterprises	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input checked="" type="checkbox"/> From communities: <input checked="" type="checkbox"/>	

IV. ESTABLISHMENT OF TRANSPARENCY SYSTEM (MRV)

4.1. MRV for mitigation of GHG emissions

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
62.	Establish the Measurement, Reporting, and Verification system (MRV) for national scale GHG emission mitigation activities; 2018	COMPULSORY as required by the Paris Agreement and Decision No.2359/QĐ-TTg dated 22/12/2015 of Prime Minister on the National GHG Inventory.	MONRE	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	3.000
63.	Establish the Measurement, Reporting, and Verification system (MRV) for sectoral scale GHG emission mitigation activities for the industrial sector; 2018	COMPULSORY as required by the Paris Agreement and Decision No.2359/QĐ-TTg dated 22/12/2015 of Prime Minister on the National GHG Inventory.	MOIT	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000
64.	Establish the Measurement, Reporting, and Verification system (MRV) for sectoral	COMPULSORY as required by the Paris Agreement and	MOT	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC	2.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	scale GHG emission mitigation activities for the transport sector; 2018	Decision No.2359/QĐ-TTg dated 22/12/2015 of Prime Minister on the National GHG Inventory.		and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
65.	Establish the Measurement, Reporting, and Verification system (MRV) for sectoral scale GHG emission mitigation activities for the agricultural sector; 2018	COMPULSORY as required by the Paris Agreement and Decision No.2359/QĐ-TTg dated 22/12/2015 of Prime Minister on the National GHG Inventory.	MARD	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000
66.	Establish the Measurement, Reporting, and Verification system (MRV) for sectoral scale GHG emission mitigation activities for the construction sector; 2018	COMPULSORY as required by the Paris Agreement and Decision No.2359/QĐ-TTg dated 22/12/2015 of Prime Minister on the National GHG Inventory.	MC	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/>	2.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
				From communities: <input type="checkbox"/>	
67.	Establish the Measurement, Reporting, and Verification system (MRV) for sectoral scale GHG emission mitigation activities for the land use sector; 2018	PRIORITY implementation based on the Paris Agreement and Decision No.2359/QĐ-TTg dated 22/12/2015 of Prime Minister on the National GHG Inventory.	MONRE	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000

4.2. MRV for adaptation to climate change

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
68.	National Communication on Adaptation 2020, 2025, 2030	COMPULSORY as required by the Paris Agreement	MONRE, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/>	9.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
				From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
69.	Establish the Measurement, Reporting, and Verification system (MRV) for national scale climate change adaptation activities; 2018	COMPULSORY as required by the Paris Agreement	MONRE	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	3.000
70.	Establish the Measurement, Reporting, and Verification system (MRV) for climate change adaptation activities for the agricultural sector on sectoral/ project level; 2018	COMPULSORY as required by the Paris Agreement	MARD	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000
71.	Establish the Measurement, Reporting, and Verification system (MRV) for climate	COMPULSORY as required by the Paris Agreement	MOT	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC	2.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	change adaptation activities for the transport sector on sectoral/ project level; 2018			and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	

4.3. MRV for resource allocation

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
72.	Develop guidelines for supervision of climate change response expenditures from national and international resources, including public and private resources; 2018	COMPULSORY as required by the Paris Agreement	MPI leads and coordinates with MOF	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	1.000
73.	Establish a national scale	COMPULSORY as	MPI leads and	Direct Government budget: <input checked="" type="checkbox"/>	1.000

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
	resource allocation system for climate change; 2018	required by the Paris Agreement	coordinates with MOF, SBV	Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	
74.	Establish a surveillance system for technology transfer and capacity building; 2020	COMPULSORY as required by the Paris Agreement	MOST	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000

V. DEVELOPMENT AND REVISION OF POLICIES AND INSTITUTIONS

5.1. Development and revision of policies

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
75.	Review, adjust, make additions to strategies to respond to climate change, policies on GHG emission mitigation, GG, climate change adaptation in accordance with Viet Nam's commitments in INDC, international requirements, implementation experience from 2016-2020 period; prepare for development of Climate Change Law; 2020	COMPULSORY as required by the Paris Agreement	MONRE, other ministries, sectors	Direct Government budget: <input checked="" type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	2.000
76.	Develop and update the Policy Matrices of SP-RCC 2016-2020, in accordance with requirements of the Paris Agreement; Annually until 2020	COMPULSORY as required by the Paris Agreement and commitments to SP-RCC development partners	MONRE, MPI, MOF, MARD, MOIT, MOC, MOT, MOST, MOET, MOH	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input checked="" type="checkbox"/> From enterprises: <input type="checkbox"/>	1.000/year

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
				From communities: <input type="checkbox"/>	
77.	Continue to integrate climate change issues into policies, plans, planning, and priority programs of ministries, sectors, and localities.	COMPULSORY as required by the Paris Agreement and the National Climate Change Strategy;	MPI, other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	Regular task

5.2. Institution arrangements

Task no.	Task description/ year of completion	Type of task	Leading/ cooperating agencies	Financial resources	Estimated cost (million VND)
78.	Revision of the functions, responsibilities and structure of the climate change sector to consolidate a coordination point in handling climate change issues for all ministries, sectors and localities, in order for efficient task execution and	COMPULSORY as required by the Paris Agreement and ever increasing requirements in climate change response	MOHA, other ministries, sectors, localities, NCCC	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/>	Regular task

Task no.	Task description/ year of completion	Type of task	Leading/cooperating agencies	Financial resources	Estimated cost (million VND)
	international integration; 2017			From communities: <input type="checkbox"/>	
79.	Enhance coordination in handling regional, inter-sectoral issues in response to climate change;	PRIORITY implementation based on Decision No. 593/QĐ-TTg dated 06/4/2016 on piloting connectivity for Mekong Delta region socio-economic development in the 2016-2020 period and other Decisions.	NCCC; regional steering committees for socio-economic development; other ministries, sectors, localities	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	Regular task
80.	Strengthen international negotiations to develop implementation guidelines for the Paris Agreement; protect legitimate national rights and interests; mobilize international support for Viet Nam to respond to climate change and enhance its position in the climate change field.	PRIORITY implementation based on Decision No.80/QĐ-TTg dated 12/01/2012 by Prime Minister on the establishment of the Climate Change Negotiation Team of Viet Nam	Climate Change Negotiation Team of Viet Nam	Direct Government budget: <input checked="" type="checkbox"/> Government budget via NTP-RCC and GG: <input type="checkbox"/> Direct international support: <input checked="" type="checkbox"/> International support via SP-RCC: <input type="checkbox"/> From enterprises: <input type="checkbox"/> From communities: <input type="checkbox"/>	1.000/year

ANNEX II: POLICY ACTIONS OF SUPPORT PROGRAM TO RESPOND TO CLIMATE CHANGE¹

No	Content	Time	Implementing Agency
1.	Develop Decree guiding the implementation of Hydro-Meteorology Law	2016	MONRE
2.	Develop regulation on contents of monitoring the network of national hydro-meteorological stations, implement Law on hydro-meteorology	2016	MONRE
3.	Develop regulation on assessment of climate change impacts and national climate	2016	MONRE
4.	Develop and adopt regulation on identification of sanitary protection zones for sources of water supply	2016	MONRE
5.	Develop and adopt regulation on protection of river banks, river beds and alluvial (shallow) ground protection	2016	MONRE
6.	Develop and adopt a policy on incentives to encourage the development of small irrigation systems, infield irrigation systems, and more advanced and efficient irrigation systems	2016	MARD
7.	Develop and promulgate Circular guiding the procedures on green building assessment	2016	MOC
8.	Develop and adopt specific guidance directing coastal provinces in the development of provincial integrated coastal zone management programs	2016	MONRE

¹ Policy actions (common name for legal documents as law, strategy, decree, decision, circular, technical guidelines or others) under SPRCC in Annex II are only as suggestions. Policy actions for each year will be discussed by ministries and development partners and submitted to the Prime Minister for decision as separated documents.

The Policy Action in Annex II is to keep track under SPRCC. Some policy actions for 2016 have been approved and being implemented; some are included in the Annex I of this Plan.

No	Content	Time	Implementing Agency
9.	Study the proposal of multi-sectional coordination mechanism on climate change response in Mekong Delta	2016	MONRE
10.	Formulate a new "Law on Forestry" to replace the current Law on Forest Protection and Development (No. 29/2004/QH11)	2016	MARD
11.	Promote National REDD+ Action Program	2016	MARD
12.	Develop and adopt technical guidance for the development of coastal forests	2016	MARD
13.	Review and amend the Law on Biodiversity	2016	MONRE
14.	Develop Prime Minister Decision to revise the Decision No. 37/2011/QĐ-TTg about the mechanism to support development of wind energy in Vietnam	2016	MOIT
15.	Develop Prime Minister Decision on the support mechanism for development of solar energy	2016	MOIT
16.	Develop Master Plan of solid waste-to-energy development to 2025, with perspective until 2035	2016	MOIT
17.	Revise the National Power Sector Development Plan period 2011-2020 with vision until 2030	2016	MOIT
18.	Improve Energy Efficiency standard for household refrigerator	2016	MOIT
19.	Develop and adopt energy savings and efficiency benchmarks in the steel sector	2016	MOIT
20.	Develop and adopt energy savings and efficiency benchmarks in the beverage sector	2016	MOIT
21.	Promote training of energy managers and auditors in Energy Management Training Centre (EMTC)-HCMC	2016	MOIT

No	Content	Time	Implementing Agency
22.	Capacity building and development of Actions for GHGs emission mitigation in cement production in Vietnam	2016	MOC
23.	Develop roadmaps for application of exhausted gases emission for in-used motorcycles, mopeds in cities and provinces	2016	MOT
24.	Develop and adopt guidance on AQM planning for implementation of the NAP at provincial/city level	2017	MONRE
25.	Develop and adopt guidance on industrial emission monitoring	2016	MONRE
26.	Issue national standards (TCVN) on emission of gaseous pollutants from in-used motorcycles and mopeds	2016	MOT
27.	Develop and implement M&E tools for NCCS	2016	MONRE
28.	Develop the national training curriculum and materials to respond to climate change for capacity building of the health sector	2016	MOH
29.	Develop the guidance document on Safe School for primary education level	2016	MOET
30.	Develop and adopt guidance on Climate Change Expenditure Classification	2016	MPI
31.	Implement new market mechanism and various approaches	2016	MONRE
32.	Develop guidelines for Provincial-level Planning for Integrated Flood Management Plan (IFMP)	2017	MARD
33.	Develop regulation on the type and duration of news on hydro-meteorology forecasts and warnings	2017	MONRE

No	Content	Time	Implementing Agency
34.	Develop regulation on administrative sanctions in the field of Hydro-Meteorology	2017	MONRE
35.	Develop and report on the list of priority water source protection corridors identified and adopted at provincial level	2017	MONRE
36.	Develop and adopt guidelines for encouraging efficient irrigation for a selected priority crop	2017	MARD
37.	Develop and adopt the national coastal functional zoning	2017	MONRE
38.	Develop and adopt guidelines for co-management models of coastal resources in support of climate resilience and pilot applications in coastal provinces	2017	MONRE
39.	Develop and adopt guidelines for review of coastal protection forest planning, and for establishing monitoring and reporting mechanism of local provinces for appropriate M&E on coastal forests	2017	MARD
40.	Review and update the Prime Minister Decision No. 799/QĐ-TTg about the National REDD+ Action Program	2017	MARD
41.	Review and amend the Law on Forestry	2017	MARD
42.	Develop and adopt the plan for the development of biomass power projects until 2020 with vision until 2030	2017	MOIT
43.	Develop and adopt the plan for the development of wind power projects until 2020 with vision until 2030	2017	MOIT
44.	Develop and adopt procedures for the development of solar power projects	2017	MOIT

No	Content	Time	Implementing Agency
45.	Develop and adopt energy savings and efficiency benchmarks in plastics sector	2017	MOIT
46.	Develop and adopt energy savings and efficiency benchmarks in pulp and paper sector	2017	MOIT
47.	Develop and adopt energy savings and efficiency benchmarks in food processing sector	2017	MOIT
48.	Develop and adopt an emission permitting system for industries	2017	MOIT
49.	Develop and adopt technical guidelines on AQM planning for cities in Vietnam	2017	MONRE
50.	Develop and adopt technical guidelines emission permitting system from industrial sources	2017	MONRE
51.	Develop and adopt regulations on energy labelling for cars of 09 seats or less	2017	MOT
52.	Develop and adopt enterprise criteria on green transport services	2017	MOT
53.	Develop the roadmap and method involving in global GHG reduction accordance with socio-economic conditions and international treaties which include Vietnam's commitments	2017	MONRE
54.	Develop plan to implement the Paris Agreement on climate until 2030	2017	MONRE
55.	Upgrade and standardize the national training framework to be official national training package for provincial and district officials, graduate and under graduate students in medical and public health schools, Preventive Medicine Institutions	2017	MOH
56.	Compose guidance documents to develop safe school for Secondary School	2017	MOET

No	Content	Time	Implementing Agency
57.	Complete the review of the design of a selected number of major CC and GG projects and programs against adaptation and resilience objectives	2017	MPI
58.	Develop the guideline for procedure to design and implement investment projects eligible for GCF funds	2017	MPI
59.	Revise and issue planning of national coastline and riverbank regulation, integrating climate vulnerability	2018	MARD
60.	Develop and adopt regulation on content, form of investigation, report content and procedure to investigate the status of water use and waste water discharge into water resource	2018	MONRE
61.	Develop and adopt the list of water shortage and high potential of salinity region	2018	MONRE
62.	Develop technical guidelines on efficient irrigation for other crops	2018	MARD
63.	Develop guidance on promoting cooperation and coordination mechanism amongst relevant agencies in water quality management of irrigation system	2018	MARD
64.	Develop the national master plan for sustainable exploitation and use of coastal resources	2018	MONRE
65.	Review and amend the Law on Forestry	2018	MARD
66.	Develop guidance on implementation of Benefit Distribution System (BDS)	2018	MARD
67.	Develop and adopt technical guidelines for transferring production/coastal forests to protection forests	2018	MARD
68.	Develop and complete pilot city-level auctions for solar PV rooftop at HCM city and Da Nang	2018	MOIT

No	Content	Time	Implementing Agency
69.	Develop the database of renewable energy (online map)	2018	MOIT
70.	Develop and adopt energy savings and efficiency benchmarks in high energy intensity industries	2018	MOIT
71.	Develop and adopt a reporting and verification policy for energy efficiency in the industrial sector	2018	MOIT
72.	Develop and adopt policies on automatic industrial emission monitoring	2018	MONRE
73.	Develop and issue technical guideline for emission permitting system for industrial sources	2018	MONRE
74.	Develop roadmap to set PM2.5 targets for 2020-2025 in relevant cities	2018	MONRE
75.	Develop and adopt regulations on energy labelling for motors	2018	MOT
76.	Develop and adopt Guidelines of national MRV system for credited mitigation activities (e.g., credited NAMA, CDM, bilateral initiatives)	2018	MONRE
77.	Review and approve the NDC's objectives and evaluate the international financing support required to reach NDC conditional objectives	2018	MONRE
78.	Develop and adopt regulation on content, form for reporting of water resources use	2019	MONRE
79.	Develop and adopt action plan on protection of water quality in irrigation	2019	MARD
80.	Review and amend the Law on Forestry	2019	MARD

No	Content	Time	Implementing Agency
81.	Develop and adopt auctioning regime for Solar PV	2019	MOIT
82.	Develop and adopt technical Standards for wind energy projects	2019	MOIT
83.	Develop and adopt a stronger energy efficiency policy in select high energy intensity industries	2019	MOIT
84.	Develop and adopt the roadmap for air quality management	2019	MONRE
85.	Final policy documents setting PM2.5 targets for relevant cities	2019	MONRE
86.	Develop and adopt roadmap for applying new emission standards for cars in circulation and used imported motor vehicles	2019	MOT
87.	Establishment of the revised GHG inventory system incorporating the results of the piloting phase approved by Prime Minister	2019	MONRE
88.	Develop and adopt the guidance of national MRV systems for reliable mitigation activities (e.g. NAMA, CDM, bilateral initiatives)	2019	MONRE
89.	Develop National Adaptation Plan	2019	MONRE
90.	Review the Climate Change and Green Growth strategies	2019	MONRE
91.	Develop and adopt assessment tools for vulnerability	2019	MOH
92.	Implement project(s) under GCF's financing in Vietnam	2019	MPI
93.	Develop and adopt National master plan for crop production sector responding to climate change up to 2030	2020	MARD

No	Content	Time	Implementing Agency
94.	Develop guidelines for the implementation of national water resource inventory	2020	MONRE
95.	Development of monitoring system for national water quality management in irrigation system	2020	MARD
96.	Review and amend Law on Biodiversity to submit to National Assembly	2020	MONRE
97.	Develop and adopt auctioning regime for grid-connected Wind power projects	2020	MOIT
98.	Develop and adopt technical Standards for biomass energy projects	2020	MOIT
99.	Develop and adopt technical Standards for Waste-to-energy projects	2020	MOIT
100.	Develop and promulgate guidance on identifying emission sources of PM 2.5 and PM 10	2020	MONRE
101.	Develop National Technical Regulation on emissions standards level 5 for cars production, assembly and new import	2020	MOT
102.	Technical regulations on gasoline consumption for motorbikes	2020	MOT
103.	Technical regulations on fuel consumption for motor vehicles	2020	MOT
104.	Approval of National Determined Contribution 2020 - 2030	2020	MONRE