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| **THE PRIME MINISTER -------** | **THE SOCIALIST REPUBLIC OF VIETNAM Independence – Freedom - Happiness  ---------------** |
| No. 2044/QD-TTg | *Hanoi, October 27, 2016* |

**DECISION**

GRANTING APPROVAL FOR POLICY FRAMEWORK 2016 (SUPPLEMENTED), POLICY FRAMEWORK 2017 AND DOCUMENT OF SUPPORT PROGRAM TO RESPOND TO CLIMATE CHANGE (SP – RCC) IN PERIOD 2016 – 2020

**THE PRIME MINISTER**

*Pursuant to the Law on Government organization dated June 19, 2015;*

*Pursuant to the Government’s Decision No. [21/2013/ND-CP](http://hethongphapluatvietnam.com/docs/find-go/21/2013/ND-CP&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated March 04, 2013 defining functions, tasks, powers and organizational structure of the Ministry of Natural Resources and Environment;*

*Pursuant to the Prime Minister’s Decision No. [1824/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/1824/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated October 28, 2014 granting approval for amendments to SP-RCC;*

*At the request of the Minister of Natural Resources and Environment in the Document No.[35/TTr-BTNMT](http://hethongphapluatvietnam.com/docs/find-go/35/TTr-BTNMT&area=2&type=0&match=False&vc=True&lan=0" \t "_blank)dated August 11, 2016 and Document No.[4508/BTNMT-KTTVBDKH](http://hethongphapluatvietnam.com/docs/find-go/4508/BTNMT-KTTVBDKH&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated October 11, 2016,*

**HEREBY DECIDE**

**Article 1.**Grant approval for the policy framework 2016 (supplemented), policy framework 2017 under SP – RCC in the annexes enclosed herewith.

**Article 2.**Grant approval for the Document of the SP – RCC 2016 – 2020 (amended Document of the SP – RCC approved under the Prime Minister’s Decision No. 1824/QD-TTgdated October 28, 2014) as the foundations for mobilizing resources and formulating the climate change response policies.

**Article 3.**Implementation

1. The Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Industry and Trade, Ministry of Science and Technology, Ministry of Agriculture and Rural Development, Ministry of Transport, Ministry of Construction, Ministry of Health, Ministry of Education and Training and Ministry of Finance shall be responsible for directing relevant agencies to formulate the plan for coordination and implementation of the policy framework 2016 (supplemented) and the policy framework 2017, maintaining cooperation with the Ministry of Natural Resources and Environment and other partners in formulating the policy framework 2018 – 2020.

2. The Ministry of Natural Resources and Environment:

- Formulate a detailed outline to get access to loans from AFD, JICA, WB and other development partners and submit it to competent authorities for approval according to current regulations.

- Cooperate with the Ministry of Finance in arranging a counterpart fund for the Program and report to the Prime Minister in November 2016.

3. The Ministry of Finance:

-Preside over and cooperate with the Ministry of Natural Resources and Environment in proposing a financial mechanism for the Program in place of the financial mechanism approved under the Office of the Government’s Document No.[8981/VPCP-QHQT](http://hethongphapluatvietnam.com/docs/find-go/8981/VPCP-QHQT&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated December 12, 2010 with a priority given to using the fund raised under the SP – RCC to implement subject matters of the policy and approved climate change response projects.

4. Ministries, sectors and localities shall take the initiative in cooperating with the governing body of the Program in formulating and implementing policies and prioritized projects according to the commitments with the development partners and report to the governing body on a regular basis.

**Article 4.**This Decision takes effect from the signing date.

**Article 5.**Ministers ofthe Ministry of Natural Resources and Environment**,**Ministry of Planning and Investment, Ministry of Industry and Trade, Ministry of Science and Technology, Ministry of Agriculture and Rural Development, Ministry of Transport, Ministry of Construction, Ministry of Health, Ministry of Education and Training, Ministry of Finance, Governor of the State Bank of Vietnam, presidents of People’s committees of provinces, central-affiliated cities and heads of relevant agencies shall be responsible for executing this Decision. /.

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|  | **PRIME MINISTER DEPUTY PRIME MINISTER     Trinh Dinh Dung** |

**ANNEX I**

POLICY FRAMEWORK 2016 (SUPPLEMENTED) UNDER THE SP – RCC   
*(Enclosed with the Prime Minister’s Decision No. 2044/QD-TTg dated October 27, 2016)*

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| --- | --- | --- | --- |
|  | **Subject matters** | **Completion indicator** | **Agency in charge** |
| **1. Preparedness to respond to natural disaster and monitor climate** | | | |
| 1.1 | Formulate regulations on monitoring activities of the national meteorology and hydrology station network (implement the law on meteorology and hydrology) | The Ministry of Natural Resources and Environment’s Circular stipulating monitoring activities of the national meteorology and hydrology station network (promulgated) | The Ministry of Natural Resources and Environment |
| 1.2 | Formulate regulations on the assessment of impacts of climate change and national climate | The Ministry of Natural Resources and Environment’s Circular stipulating the assessment of impacts of climate change and national climate (promulgated) | The Ministry of Natural Resources and Environment |
| **2. Ensuring water and food security in climate change conditions** | | | |
| 2.1 | Formulate regulations on determination and public announcement of tap water safeguard zones | The Ministry of Natural Resources and Environment’s Circular stipulating the determination and public announcement of tap water safeguard zones (promulgated) | The Ministry of Natural Resources and Environment |
| 2.2 | Formulate and promulgate regulations on protection of river beds, banks | The Ministry of Natural Resources and Environment’s Circular stipulating protection of river beds, banks (promulgated) | The Ministry of Natural Resources and Environment |
| 2.3 | Formulate incentive policies for development of small-scale, infield and advanced water-efficient irrigation systems | The Government’s Decree promulgating policies on development of small-scale, infield and advanced water-efficient irrigation systems (promulgated) | The Ministry of Agriculture and Rural Development |
| **3. Preparedness to respond to rising sea and natural disaster risks in vulnerable zones** | | | |
| 3.1 | Formulate and promulgate instructions on integrated coastal zone management for coastal provinces | The Ministry of Natural Resources and Environment’s Instructions on integrated coastal zone management for coastal provinces (promulgated) | The Ministry of Natural Resources and Environment |
| **4. Sustainable forest management and development** | | | |
| 4.1 | Formulate and promulgate technical instructions on coastal forest development | The Ministry of Natural Resources and Environment’s technical instructions including the norms for coastal forest development in response to climate change (promulgated) | The Ministry of Agriculture and Rural Development |
| **5. Reducing greenhouse gas emission during socio-economic development process** | | | |
| 5.1 | Formulate the Prime Minister’s Decision amending Decision No. [37/2011/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/37/2011/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank)on incentive mechanism for development of wind power projects in Vietnam | The Prime Minister’s Decision on incentive mechanism for development of wind power projects in Vietnam | The Ministry of Industry and Trade |
| 5.2 | Grant approval for the amended national electricity development plan in 2011 – 2020 period with a vision to 2030 | The Prime Minister’s Decision granting approval for the amended national electricity development plan in 2011 – 2020 period with a vision to 2030 | The Ministry of Industry and Trade |
| 5.3 | Formulate and promulgate standards for energy efficiency in steel industry | The Ministry of Industry and Trade’s Circular on formulation and promulgation of standards for energy efficiency in steel industry (promulgated) | The Ministry of Industry and Trade |
| 5.4 | Formulate and promulgate standards for energy efficiency in beverage industry | The Ministry of Industry and Trade’s Circular on formulation and promulgation of standards for energy efficiency in beverage industry (promulgated) | The Ministry of Industry and Trade |
| 5.5 | Formulate and promulgate instructions on automatic and continuous industrial emission monitoring | The Ministry of Natural Resources and Environment’s Circular providing instructions on automatic and continuous industrial emission monitoring | The Ministry of Natural Resources and Environment |
| 5.6 | Promulgate National Standard on gaseous emissions from motors, bikes participating in traffic | National Standard on gaseous emissions from motors, bikes participating in traffic (promulgated) | The Ministry of Transport |
| **6. Building capacity of the governmental agencies to respond to climate change** | | | |
| No supplements | | | |
| **7. Building community capacity to respond to climate change** | | | |
| 7.1 | Formulate national training program and material on strengthening capacity of health sector in response to climate change | National training program and material on strengthening capacity of health sector in response to climate change (promulgated) | The Ministry of Health |
| **8. Diversifying financial resources and increasing investment efficiency in climate change** | | | |
| 8.1 | Implement new market mechanism and other approaches | At least two approved emission reduction projects according to market mechanism | The Ministry of Natural Resources and Environment |

**ANNEX II**

POLICY FRAMEWORK 2017   
*(Enclosed with the Prime Minister’s Decision No. 2044/QD-TTg dated October 27, 2016)*

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Subject matters** | **Completion indicator** | **Agency in charge** |
| **1. Preparedness to respond to natural disaster and monitor climate** | | | |
| 1.1 | Formulate instructions on the formulation of a provincial-level integrated flood management plan (IFMP) | The Ministry of Agriculture and Rural Development’s Circular on formulation of IFMP (promulgated) | The Ministry of Agriculture and Rural Development |
| 1.2 | Formulate regulations on type and duration of hydrometeorological warning and forecasting bulletins (implement the law on meteorology and hydrology) | The Ministry of Natural Resources and Environment’s Circular stipulating type and duration of hydrometeorological warning and forecasting bulletins (promulgated) | The Ministry of Natural Resources and Environment |
| 1.3 | Formulate regulations on penalties for administrative violations in meteorology and hydrology | The Government’s Decree on penalties for administrative violations in meteorology and hydrology (promulgated) | The Ministry of Natural Resources and Environment |
| **2. Ensuring water and food security amid climate change** | | | |
| 2.1 | Formulate a list of prioritized water source protection corridors which have been passed by provincial governments | The list of prioritized water source protection corridors passed by the provincial governments and submitted to the Prime Minister by the Ministry of Natural Resources and Environment | The Ministry of Natural Resources and Environment |
| 2.2 | Formulate and promulgate incentive mechanism on water-efficient irrigation for prioritized plants | The Ministry of Agriculture and Rural Development's Document providing instructions on water-efficient irrigation for prioritized plants | The Ministry of Agriculture and Rural Development |
| **3. Preparedness to respond to rising sea and natural disaster risks in vulnerable zones** | | | |
| 3.1 | Formulate and promulgate national coastal zoning | The Ministry of Natural Resources and Environment’s Decision on national coastal zoning (promulgated) | The Ministry of Natural Resources and Environment |
| 3.2 | Formulate and promulgate instructions on coastal resource co-management to reinforce resilience to climate change [and piloted in coastal province] | The Ministry of Natural Resources’ Document providing instructions on coastal resource co-management to reinforce resilience to climate change [and piloted in coastal provinces] (promulgated) | The Ministry of Natural Resources and Environment |
| **4. Sustainable forest management and development** | | | |
| 4.1 | Formulate and promulgate instructions on checking coastal protective forest planning and reporting mechanism of local authorities on coastal forest monitoring and evaluation activities | The Ministry of Agriculture and Rural Development’s Decision providing instructions on checking coastal forest planning (promulgated) | The Ministry of Agriculture and Rural Development |
| 4.2 | Amend and supplement the Prime Minister’s Decision No.[799/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/799/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated June 27, 2012 granting approval for the National Action Program “Reducing greenhouse gas emissions through efforts to constrain deforestation and forest degradation, sustainable forest resource management, forest carbon reserves conservation and development” in 2011 – 2020 period (National REDD+ Action Program) | The Prime Minister’s Decision on National REDD+ Action Program (promulgated) | The Ministry of Agriculture and Rural Development |
| 4.3 | Amend the law on forestry | The draft law on forestry has been formulated, pending suggestions from relevant ministries, agencies and organizations | The Ministry of Agriculture and Rural Development |
| **5. Greenhouse gas emission mitigation in the course of socio-economic development** | | | |
| 5.1 | Formulate planning for national biomass power projects to 2020 and a vision to 2030. | The Prime Minister’s Decision on planning for national biomass power projects to 2020 and a vision to 2030 (promulgated) | The Ministry of Industry and Trade |
| 5.2 | Formulate planning for national wind power projects to 2020 and a vision to 2030. | The Prime Minister’s Decision on planning for national wind power projects to 2020 and a vision to 2030 (promulgated) | The Ministry of Industry and Trade |
| 5.3 | Formulate circular on solar power project development and specimen power purchase agreement (PPA) in Vietnam | The Ministry of Industry and Trade’s Circular on solar power project development and specimen power purchase agreement (PPA) in Vietnam | The Ministry of Industry and Trade |
| 5.4 | Formulate and promulgate standards for energy efficiency in plastics production industry | The Ministry of Industry and Trade’s Circular on standards for energy efficiency in plastics production industry (promulgated) | The Ministry of Industry and Trade |
| 5.5 | Formulate and promulgate standards for energy efficiency in pulp and paper industry | The Ministry of Industry and Trade’s Circular on standards for energy efficiency in pulp and paper industry (promulgated) | The Ministry of Industry and Trade |
| 5.6 | Formulate and promulgate standards for energy efficiency in food processing industry | The Ministry of Industry and Trade’s Circular on standards for energy efficiency in food processing industry (promulgated) | The Ministry of Industry and Trade |
| 5.7 | Formulate and promulgate technical instructions on air quality management planning for urban areas in Vietnam | The Ministry of Natural Resources and Environment’s Document providing instructions on air quality management planning for urban areas in Vietnam | The Ministry of Natural Resources and Environment |
| 5.8 | Formulate and promulgate procedures for licensing discharge of industrial emissions | The Ministry of Natural Resources and Environment’s Circular on licensing discharge of industrial emissions (promulgated) | The Ministry of Natural Resources and Environment |
| 5.9 | Formulate and promulgate regulations on air quality management plan at provincial and municipal levels | The Ministry of Natural Resources and Environment’s Circular stipulating air quality management plan at provincial and municipal levels (promulgated) | The Ministry of Natural Resources and Environment |
| 5.10 | Formulate and promulgate regulations on energy labels for nine – and lower seater cars | The Ministry of Transport’s Circular stipulating energy labels for nine - and lower seater cars (promulgated) | The Ministry of Transport |
| 5.11 | Formulate and promulgate criteria for green road transport trading enterprises | The Ministry of Transport’s Circular on criteria for green road transport trading enterprises (promulgated) | The Ministry of Transport |
| **6. Building capacity of the governmental agencies to respond to climate change** | | | |
| 6.1 | Formulate regulations on roadmaps and manners of engaging in global greenhouse gas emission mitigation in accordance with socio-economic conditions and commitments to the international agreement of which Vietnam is a signatory. | Outline of the Government’s Decree stipulating roadmaps and manners of engaging in global greenhouse gas emission mitigation in accordance with socio-economic conditions and commitments to the international agreement of which Vietnam is a signatory has been submitted to the Ministry of Natural Resources and Environment | The Ministry of Natural Resources and Environment |
| 6.2 | Plan for implementing Paris Climate Agreement to 2030 | Plan for implementing the Paris Climate Agreement has been passed by the Prime Minister | The Ministry of Natural Resources and Environment |
| **7. Building community capacity to respond to climate change** | | | |
| 7.1 | Improve and upgrade the national training framework to national training program for staff at provincial and district levels, tertiary and graduate students from pharmacy schools, preventive health centers. | National training program for staff at provincial and district levels, tertiary and graduate students from pharmacy schools, preventive health centers (promulgated) | The Ministry of Health |
| 7.2 | Compile a set of instructions on formulation of safe and resilient upper secondary schools | The set of instructions on the Construction of safe and resilient upper secondary schools has been approved | The Ministry of Education and Training |
| **8. Diversifying financial resources and increasing investment efficiency in climate change** | | | |
| 8.1 | Complete checking a number of selected climate change and green growth projects, with due account taken of climate change adaptation objective | Report on checking contents of a number of selected climate change and green growth projects, with due account taken of climate change adaptation objective has been submitted by the Ministry of Planning and Investment to the Prime Minister and National Committee on Climate Change | The Ministry of Planning and Investment |
| 8.2 | Formulate instructions on design process and implementation of investment project aligned with Green Climate Fund | Formulate instructions on design process and implementation of investment project aligned with Green Climate Fund | The Ministry of Planning and Investment |

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| **SUPPORT PROGRAM**  **TO RESPOND TO CLIMATE CHANGE**  **(SP – RCC)**                **THE DOCUMENT**  **2016 – 2020**       (Enclosed with the Prime Minister’s Decision No. …/QD-TT dated … 2016)            **Governing body: The Ministry of Natural Resources and Environment**  **Time: 2016 - 2020**  **Location: Nationwide**                        **Hanoi - October 2016** |

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**Abbreviations**

|  |  |
| --- | --- |
| AFD | French Development Agency |
| CIDA | Canadian International Development Agency |
| DFAT | Australian Department of Foreign Affairs and Trade |
| GDP | Gross Domestic Product |
| INDCs | Intended Nationally Determined Contributions |
| JICA | Japan International Cooperation Agency |
| K-Eximbank | Korea Eximbank |
| M&E | Monitoring and evaluation |
| NCCC | National Committee on Climate Change |
| NCCS | National Climate Change Strategy |
| NTP – RCC) | National Target Program to Respond to Climate Change |
| PCU | Program Coordinating Unit |
| SP – RCC | Support Program to Respond to Climate Change |
| TP-RCC-GG | Target Program to Respond to Climate Change and Accelerate Green Growth |
| TTX | Green growth |
| UNFCCC | United Nations Framework Convention on Climate Change |
| VGGS | Vietnam Green Growth Strategy |
| WB | World Bank |

**I. BASIC INFORMATION**

**1. Name of the Program:** Support Program to Respond to Climate Change in the period 2016 – 2020 (abbreviated to ‘SP-RCC 2016 – 2020’)

**2. Foreign donor, co-donor:** JICA, WB, AFD and other potential partners

**3. Governing body:** The Ministry of Natural Resources and Environment

- Address: 10 Ton That Thuyet Street, Cau Giay, Hanoi, Vietnam

- Tel: +84-4-37732731; Fax: +84-4-38359221

**4. Program proposing agency:** Agency for Meteorology Climate Change, the Ministry of Natural Resources and Environment

- Address: 10 Ton That Thuyet Street, Cau Giay, Hanoi, Vietnam

- Tel: +84-4-37955116; Fax: +84-4-37759770

**5. Owner of the Program:** Agency for Meteorology Climate Change, the Ministry of Natural Resources and Environment

- Address: 10 Ton That Thuyet Street, Cau Giay, Hanoi, Vietnam

- Tel: +84-4-37955116; Fax: +84-4-37759770

**6. Expected implementation period:**from 2016 to 2020

**7. Location:**Nationwide

**II. BACKGROUND AND NECESSITY OF THE PROGRAM**

**1. Suitability and contribution of the Program to the country’s socio-economic development strategies and planning, sectoral, regional and local development planning**

SP-RCC has been initiated by the Government of Vietnam and other development partners since 2009 and become an effective and useful policy dialog forum. Through the Program, the climate change mitigation and adaptation activities which have been integrated into activities of ministries and localities have contributed to increasing institutional and technical capacity and provided additional funds to the Government’s prioritized climate change tasks.

In two periods from 2009 to 2015, more than 300 climate change policy actions have been formulated and developed and around one million US dollars have been raised for the state budget. International partners of the Program in the past years: JICA, AFD, CIDA, WB, DFAT, and K-Eximbank. Domestic partners: the Ministry of Natural Resources and Environment, Ministry of Agriculture and Rural Development, Ministry of Planning and Investment, Ministry of Finance, Ministry of Science and Technology, Ministry of Industry and Trade, Ministry of Construction, Ministry of Transport, Ministry of Education and Training, Ministry of Health. Programs and projects under SP-RCC have been widely implemented in provinces and cities across the country.

Recognizing the importance of SP-RCC, the Government granted approval for the amended Document of SP-RCC framework in 2014 (the Prime Minister’s Decision No.[1824/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/1824/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated October 08, 2014). The amended framework orientates priority policies for the period 2014 - 2020. In the Document No.[413/TB-VPCP](http://hethongphapluatvietnam.com/docs/find-go/413/TB-VPCP&area=2&type=0&match=False&vc=True&lan=0" \t "_blank)dated October 14, 2014, Deputy Prime Minister Hoang Trung Hai, standing deputy chairman of National Committee on Climate Change (NCCC) directed the Ministry of Natural Resources and Environment to keep formulating SP-RCC 2016 - 2020.

In the context of unpredictably rapid and complicated occurrence of climate change and ratification of the Paris Agreement in December 2015 which requires Vietnam to be ready for full implementation of the Paris Agreement, especially Vietnam’s Intended Nationally Determined Contributions, the Government of Vietnam and development partners have agreed on maintaining developing SP-RCC 2016 - 2020 and making it effective as of 2016.

SP-RCC 2016 - 2020 shall continue to facilitate the formulation of policies, attract investment and build knowledge and capacity to respond to climate change and accelerate green growth. The Program shall also make a positive contribution to mitigating emissions and adaptation to climate change as committed in the INDC including 8% - 25% reduction in greenhouse gas emission in comparison with business-as-usual (BAU) levels by 2030.

**2. Relationships with other programs and projects**

In the period 2009 – 2015, SP-RCC supported the formulation and implementation of important climate change policies in Vietnam including NTP-RCC, NCCS and VGGS. The Program focused on the formulation and implementation of strategies, policies, laws, institutions and prioritized projects in response to climate change in accordance with five-year socio-economic development plan (2009 – 2015), improved financial mechanism and built capacity to respond to climate change and accelerate green growth.

In the period 2016 – 2020, SP-RCC shall continue to facilitate the development of NCCS, VGGS, the preparation of legal conditions and resources to implement the Paris Agreement, national, sectoral, and local development priorities. The Program shall also focus on supporting development and implementation of promulgated climate change policies, formulation of new policies and implementation of prioritized projects of ministries, sectors and localities, enhancing knowledge and capacity.

**3. Necessity of the Program**

***a. Necessity for climate change response***

Vietnam is regarded as one of the countries most vulnerable to climate change and the climate change issue has posed a big challenge to hunger eradiation and poverty reduction and other development targets of the country. According to the climate change scenario in 2012, if sea level rises to one meter (1m), around 40% of the Mekong Delta Region area, 11% of Red River Delta area and 3% of the coastal regions’ area will be submerged. More than 20% of Ho Chi Minh City’s area will be likely to be submerged, 10 – 12% of the population directly affected and 10% of GDP lost. Such obvious impacts of climate change requires the Government to take more drastic measures and actions. According to estimates from Vietnam’s INDC submitted to UNFCCC in September 2015, the funding for climate change activities in the period 2016 – 2020 is up to US$ 21 billion. The Program has raised nearly US$ one billion during the period 2009 – 2015. Today, raising funds from development partners is facing a lot of difficulties and some partners such as DFAT, CIDA and K-Eximbank have withdrawn from the list of potential partners. One of the reasons is that the proportion of raised funds used for climate change response, formulation and development of policies within the framework of the Program is low.

High rate economic growth has created many new opportunities for people and enterprises in Vietnam. The *Doi Moi*Program initiated by the Government three decades ago has transformed the economy successfully, turning Vietnam as the poorest country in the world into a lower-medium income country. However, economic development and industrialization process have increased the need for electrical energy, energy as well as greenhouse gas emissions and other exhaust fumes. From 2000 to 2010, Vietnam’s total emissions and carbon emissions per GDP have increased three times and 48% respectively, turning Vietnam into a country which ranks 31st in the world in total greenhouse gas emissions in 2011. With such an increasing emission rate, Vietnam is required to make a drastic change toward a low-emission economy.

***b. Issues to be addressed within the framework of the Program***

SP-RCC 2016 – 2020 shall be an effective policy dialog forum on climate change between ministries, sectors, localities and development partners. High-level policy dialogs shall help ministries and sectors put forward a policy framework with clear priority orientations. Strategic, intersectoral and interregional policies shall be formulated to attain the target of NCCS and VGGS, increase efficiency in responding to climate change and accelerating green growth.

In formulating SP-RCC 2016 – 2020, the Government has made a strong and long-term commitment to responding to climate change. Keeping developing SP-RCC 2016 - 2020 and high-level policy dialogs shall help step up raising resources from development partners and private sectors.

In order for SP-RCC 2016 – 2020 to be able to assist ministries, sectors and localities in achieving the target of formulating and implementing policies, getting sufficient resources for prioritized projects, building capacity and knowledge, it is necessary to propose a new financial mechanism in place of the financial mechanism under Office of the Government’s Notice No.[8981/VPCP-QHQT](http://hethongphapluatvietnam.com/docs/find-go/8981/VPCP-QHQT&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated December 12, 2010.

In the period 2016 – 2020, the Government shall pledge to prioritize use of raised funds for SP-RCC, TP-RCC-GG, Paris Agreement; record the remaining in the state budget to achieve target of the Program; step up transparency in the delivery and receipt of aids; encourage active participation of ministries, sectors to ensure sustainability of the Program.

To step up active participation of ministries, sectors and localities in the formulation and implementation of climate change policies, the Government needs to set aside part of the funds raised from donors for implementation of subject matters of the Program (technical support, pilot study, consultations ...).

SP-RCC 2016 – 2020 shall be developed through three components: a) Policy, b) Knowledge and capacity building; c) Investment. Each component shall focus on particular issues according to general orientation of the Program, specifically as follows:

*a) Policy component:*

- Keep maintaining the policy dialog forum between ministries and development partners in order to formulate and develop appropriate policies;

- Make a contribution to the implementation of NCCS and VGGS, the Paris Agreement implementation plan with focus on commitments to INDC.

- The policy component that includes policies, laws, strategies, degrees, circulars, regulations, instructions, economic and technical norms, and action plans (in short, policy actions) related to climate change response, is aligned with priorities of Vietnam and global general trends, discussed and proposed by ministries and development partners shall be implemented in the period 2016 – 2020 including the policy framework 2016 and 2017, and the policy framework 2018 - 2020 which has been basically agreed and is under discussion for submission to the Prime Minister for approval before June annually.

*b) Knowledge and capacity building component:*

- Strengthen technical assistance from development partners as well as the Government’s projects, programs to make a contribution to enhancing quality of the policy actions, efficiency of the prioritized projects.

- Strengthen leadership and management capacity of the governments from central to local in response to climate change which is occurring at a rapid rate in the country.

- Ministries and localities which have adequate capacity and knowledge shall formulate and develop the policy actions, prioritized projects under SP-RCC in a transparent and effective way.

- The component shall include a collection of proposals for technical assistance to implement the commitments identified during discussion and formulation of the policy framework by development partners and ministries. After the Document has been submitted for approval, ministries and sectors shall work with individual development partners to make a proposal for technical assistance according to applicable regulations. The need for assistance in implementing SP-RCC in 2016 and 2017 is specified in the annex to the Document.

*c) Investment component:*

- Mobilize resources from development partners for investment in response to climate change, creating the premise of gradually adjusting the funding from the Government, investors, non-governmental organizations and private sectors for climate change adaptation activity and in accordance with low-emission development agenda as prescribed in Article 2.1 of the Paris Agreement.

- Make effective use of domestic and foreign financial resources to achieve the target of 8% to 25% reduction in greenhouse gas emissions in comparison with BAU levels by 2030.

- The investment component shall include the list of pressing and prioritized projects from now to 2020 which is determined based on criteria approved by the Prime Minister, including:

- The Prime Minister's Decision No.[1719/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/1719/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated October 04, 2011 on evaluation criteria for prioritized projects under SP-RCC;

- Conclusions from Prime Minister Nguyen Xuan Phuc in the 7th meeting session of National Committee on Climate Change (Office of the Government’s Notice No.[69/TB-VPCP](http://hethongphapluatvietnam.com/docs/find-go/69/TB-VPCP&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated April 29, 2016): “Prioritize investing of resources in response to climate change with great importance attached to protection and restoration of coastal mangrove forests, headwater protective forests; formulate and upgrade freshwater reservoirs serving production and domestic activities amid increasing drought and seawater intrusion; reinforce and upgrade river and sea dykes, control landslides in critical areas along the sea or river which may have major impacts on human lives; combat floods in major cities and develop projects according to COP 21 action agenda”.

- Directions from the Government’s leaders on dealing with actual pressing problems.

The list of investment projects to be implemented from now to 2020 is the list of projects which has been approved by the Prime Minister in TP-RCC-GG.

**III. FOUNDATIONS TO MAKE PROPOSALS FOR FOREIGN AIDS**

**1. Suitability of the proposals for ODA and concessional loans with priority policies and orientations of foreign donors**

During the period 2009 – 2015, based on the outcomes of the annual policy framework, SP-RCC raised nearly US$ one billion for the state budget of which AFD accounted for EUR 80 million, World Bank US$ 210 million, DFAT AUD 14 million (non-refundable aid); CIDA CAD 4 million (non-refundable aid); JICA nearly US$ 600 million and K-Eximbank US$ 60 million.

In the coming years, the Program shall focus on the formulation of strategic policies, highly prioritized projects by ministries, sectors and localities to implement NCCS and VGGS, the preparation of the Paris Agreement implementation plan in accordance with five-year socio-economic development plan 2016 – 2020, Vietnam’s INDC, existing and incoming international commitments, the improvement of financial mechanism, building capacity to support effective response to climate change and accelerate green growth, making a contribution to sustainable development of the country.

**2. Reasons for selecting foreign donors**

On the international arena, Vietnam has actively participated in multilateral and bilateral forums on climate change, especially international negotiations on UNFCCC, Kyoto Protocol and Paris Agreement … Each new progress made in completing the legal and policy framework to respond to climate change and accelerate green growth is the integration of climate change into the country’s development strategies and planning; greenhouse gas emission and ozone-depleting substance control; recovery of energy from waste substances; ensuring uniformity with other laws and international commitments.

During the formulation of the policy framework of SP-RCC, Vietnam has always received positive support from international experts in Vietnam, close cooperation between experts at home and abroad and development partners. Along with JICA, AFD and WB, DFAT, K-Eximbank and CIDA are donors that regularly cooperate with relevant parties in formulating the policy framework annually. Since 2014, the development partners, especially JICA, AFD and WB, have cooperated closely with ministries in formulating the policy framework and Document of SP-RCC 2016 – 2020 to determine priorities to the formulation of policies, investment and build capacity of Vietnam in the coming years.

**3. Binding requirements of foreign donor (if any) and Vietnam’s ability to meet these requirements**

The most important requirement of the Program is that ministries have to formulate and develop the policy actions agreed between development partners and the Government. Based on the assessment of the policy actions completed, the policy framework agreed, appropriate arrangement of funds and disbursement of loans in the previous year, the development partners shall consider provision of the next loans. Quality of the policy actions shall be improved if the Government gives significant priorities to providing counterpart funds and technical assistance along with the resolve of ministries.

Additionally, each development partner may suggest separate binding requirements for each loan such as conditions for disbursement, interest rates, grace period and counterpart funds from Vietnam … These requirements shall be discussed separately in negotiations on each loan.

**IV. OBJECTIVES**

**1. General objectives**

Support the formulation and implementation of strategies, policies, prioritized programs and projects to respond effectively to negative impacts of climate change in Vietnam; contribute to the development of the Paris Agreement implementation plan until 2030.

**2. Particular objectives**

a) Support the implementation of national strategies for climate change, green growth and strategies of economic sectors related to climate change, and contribute to the development of the Paris Agreement implementation plan until 2030;

b) Support policy, scientific, technological, and financial activities ensuring effective use of resources for climate change response in Vietnam and contribute to the implementation of INDC commitments;

c) Facilitate international negotiations on mobilization of financial resources from international organizations for climate change response, increase most concessional financial resources.

**V. BENEFICIARIES**

Ministries participating in SP-RCC include Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, Ministry of Construction, Ministry of Education and Training, Ministry of Health, Ministry of Agriculture and Rural Development, Ministry of Industry and Trade, Ministry of Science and Technology, Ministry of Transport. During the policy dialog, ministries shall participate in the policy dialog forum with donors, non-governmental organizations, development partners, businesses, research agencies and be updated and shared on sectoral policies, be updated on policies and technologies related to climate change response of developed countries by the donors who also provide technical assistance for the formulation and implementation of complicated policy actions (interregional and intersectoral policy actions …).

Management leaders as well as officials from departments, agencies and institutes that participate in SP-RCC shall be trained to elevate leadership and professional capacity to meet climate change response requirements.

Localities shall be eligible for partial assistance from the state budget, whole non-refundable assistance, and part or whole of the on-lending arrangement under SP-RCC to implement prioritized climate change response and green growth projects.

Businesses shall benefit from subsidy policies for climate change response and green growth.

People shall benefit indirectly from the implementation of the policy actions and climate change impact mitigation and adaptation projects.

Investors and development partners shall have opportunities to approach policy-makers and broaden relationship with governmental agencies and local authorities.

**VI. PLAN FOR IMPLEMENTATION, MONITORING AND EVALUATION OF THE PROGRAM**

**1. Master plan**

SP-RCC shall be developed through activities of the three components: (1) Policy; (2) Knowledge and capacity building; (3) Investment;

*(1) Policy component (Table 1 enclosed herewith)*

Determine particular policy actions that need to formulated and put in the policy framework to be submitted annually to the Prime Minister for approval based on national and sectoral strategies for climate change response and green growth, consultations between ministries, sectors and localities and development partners. In each policy action, the agency in charge, completion time and completion indicator for each period shall be specified for ease of monitoring.

Annually, based on agreed completion indicators, development partners shall arrange a direct discussion with relevant units to evaluate degree of completion of each policy action presided over by such unit, report monitoring result to relevant agencies and to NCCC for appropriate measures or adjustments.

The monitoring result shall serve as the foundations for development partners to make decision on disbursement of aids to Vietnam (in the form of concessional loans, non-refundable aids and technical assistance).

The formulation of a long-term policy framework is a constant exchange between development partners and ministries, sectors and localities. Policy actions of the policy framework in the following years shall be amended and supplemented on the basis of outcomes from previous year and annual practical leadership and priorities of the Government, ministries, sectors and localities.

The policy framework 2016 – 2017 agreed by ministries and development partners shall include 15 supplements for 2016 in addition to 15 supplements approved by the Prime Minister in the Decision No.[1504/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/1504/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated August 31, 2015 and 27 subject matters for 2017. Regarding the SP-RCC 2016 – 2020 policy framework (as in Table 1), in addition to subject matters for 2016 and 2017 which have been agreed, the subject matters from 2018 to 2020 shall also reach a principal agreement. These subject matters shall be determined based on orientations of the Paris Agreement and Vietnam’s INDC implementation agenda.

Ministries and development partners shall continue discussions to complete and submit the policy framework in 2018 and following years to the Prime Minister for approval before the end of June of the preceding year as prescribed in the Prime Minister’s Decision No.[1824/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/1824/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated October 28, 2014.

*(2) Knowledge and capacity building component*

- This Program shall continue to enhance awareness and capacity in responding to climate change and accelerating green growth. This is a meaningful outcome which has a long-term impact on the implementation of NCCS and VGGS. The projects and policies are not only focused on building of capacity for ministries but also propagated and developed in localities and communities.

- Determine the need for technical assistance of ministries, sectors and localities to provide assistance in formulating climate change and green growth policies (The need for assistance in implementing SP-RCC 2016 – 2017 in Annex I).

- Formulate the climate change and green growth database and propose a management and operating mechanism to meet the need for knowledge and capacity building.

*(3) Investment component*

- Support the formulation and development of the Paris Agreement implementation plan; speed up fulfillment of commitments of Vietnam to reducing 8% of greenhouse gas emissions compared with BAU level and 25% compared with international assistance by 2030.

- Support construction of a climate change and rising sea monitoring network, upgrade and complete the hydrometeorological warning and forecasting system.

- Support and speed up the implementation of climate change response projects approved by the Prime Minister including the list of projects that need to be implemented under TP-RCC-GG. Study and propose a financial mechanism for SP-RCC 2016 – 2020 to step up budget plan and mobilization of financial resources for the policy actions as well as investment projects related to climate change and green growth.

- Study the formulation of a financial mechanism to attract participation of private enterprises in climate change response and green growth acceleration activities.

**2. Detailed plan for implementation of policy component under SP-RCC 2016 (Table 2)**

**Table 1. Master plan for implementation of policy component under SP-RCC 2016 - 2020**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Policy group** | | **Policies additionally promulgated in 2016** | **Policies promulgated in 2017** | | | | | **Policies promulgated in 2018** | | | | | **Policies promulgated in 2019** | | | | **Policies promulgated in 2020** | | **Mid-period indicator (Reference: December 2015; Objective: December 2018)** | | **Period closing indicator (Reference: December 2015; Objective: December 2021)** | | |  |  |
| **General objective 1. Proactive response to natural disasters and climate monitoring** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| a) Minimize natural disaster risks | |  | Formulate instructions on formulation of IFMP for provinces [Product: Circular promulgated by the Ministry of Agriculture and Rural Development] | | | | | Check and promulgate national sea dyke planning and regulations on river dykes integrated with vulnerability to climate change [Product: Circular promulgated by the Ministry of Agriculture and Rural Development] | | | | |  | | | |  | | **Integrated flood management**  **Reference:** [Two provinces] have formulated provincial-level IFMP.  **Objective:** [Number of provinces] shall formulate the provincial-level IFMP and step up readiness for integrated flood management | | **Integrated flood management**  **Reference:** [Two provinces] have formulated provincial-level IFMP.  **Objective:**[Number of provinces] have formulated and implemented the provincial-level IFMP. | | |  |  |
|  | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | |  |  | | |  |  |  |  |
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|  | | | |  | |  | |  | | |  |  |
| b) Early warning  c) Climate monitoring | | Formulate regulations on monitoring activities of the national meteorology and hydrology station network, implement the law on meteorology and hydrology [Product: Ministry of Natural Resources and Environment’s Circular]  Formulate regulations on the assessment of impacts of climate change and national climate[Product: Ministry of Natural Resources and Environment’s Circular] | Formulate regulations on type and duration of hydrometeorological warning and forecasting bulletins, implement the law on meteorology and hydrology [Product: Ministry of Natural Resources and Environment’s Circular]  Formulate degree on penalties for administrative violations in the area of meteorology and hydrology Government’s Decree No. XX (Ministry of Natural Resources and Environment) | | | | | Formulate criteria/procedures  on highest priority norm of the law on meteorology and hydrology  Circular XX/Ministry of Natural Resources and Environment (at least one circular to be promulgated) | | | | | *Proposals from development partners*  Early warning   (Formulate instructions on natural disaster monitoring and mapping system) at areas running high risks of landslides along key routes [Product: Circular XX (Ministry of Transport)] | | | | |  | | --- | | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | **Implement law on meteorology and hydrology**  **Reference:**Criteria/procedures for implementation of priority norms not available  **Objective:** Instruction material, at least two criteria/procedures and a better supporting and coordinating network between hydrometeorological units in localities  **Administrative penalties**  **Reference:** [number of cases] when decree is yet to be promulgated  **Objective:** [number of cases reduced] when decree is in place | | **Implement law on meteorology and hydrology**  **Reference:**Criteria/procedures for implementation of priority norms not available  **Objective:**[increase the number of] service areas and data suppliers in localities  **Administrative penalties**  **Reference:**[number of cases] when degree is yet to be promulgated  **Objective:**[Number of cases reduced] when degree is in place | | |  |  |
| *Suggestions from the Ministry of Transport:*Leave out early warning. Reasons: No technical assistance | | | |  | |  |  |
| **General objective 2. Ensuring water and food security amid climate change** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| a) Enhance sustainability of agricultural production, food security | |  |  | | | |  | | | | |  | | | | | Formulate and pass national cultivation master plan in response to climate change until 2030 [Product: Ministry of Agriculture and Rural Development’s Decision XXX] | |  | | **National cultivation master plan**  **Reference:**“Decision on strategy for cultivation development until 2030” passed  **Objective:**[the number of] adaptive measures ([number of] seasonal schedules to be changed, put forth adaptive breeders, agricultural insurance) | | |  |  |
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|  | | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | | | | | |  | |  | |  |  |
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| b) Enhance water resource management capacity | | Formulate and promulgate regulations on determination and public announcement of tap water safeguard zones The Ministry of Natural Resources and Environment’s Circular stipulating the determination and announcement of tap water safeguard zones  Formulate and promulgate regulations on protection of river beds and banks   [Product: Ministry of Natural Resources and Environment’s Circular stipulating protection of river beds and banks]  The Government’s Decree promulgating policies on development of small-scale, infield and advanced water-efficient irrigation systems [Product: Government’s Decree] | Formulate a list of prioritized water sources protection corridors passed by provincial governments The approved list of corridors to be submitted to Prime Minister by Ministry of Natural Resources and Environment  Formulate and promulgate incentive mechanism on water-efficient irrigation for prioritized plants [Product: Ministry of Agriculture and Rural Development’s Decision] | | | | | *Proposals from development partners:*  Formulate and promulgate the list of water-scarce areas and areas running high risks of seawater intrusion [Product: Ministry of Natural Resources and Environment's Decision]  Formulate technical instructions on water-efficient irrigation for other types of plants [Product: Ministry of Agriculture and Rural Development’s Decision]   [2020=>2018] Formulate instructions on speeding up mechanism of coordination between irrigation water quality management agencies [Product: Ministry of Agriculture and Rural Development’s Circular] | | | | | *Proposals from development partners:*  Formulate instructions on investigation and determination of the need for water sources and distribution of water sources including water use report form [Product: Ministry of Natural Resources and Environment’s Circular]  Formulate instructions on measures to add man-made underground water to different areas [Product: Ministry of Natural Resources and Environment’s Circular]  Formulate and pass irrigation water quality protection action plan   [Product: Ministry of Agriculture and Rural Development’s Circular] | | | | *Proposals from development partners:*  Formulate instructions on the formulation of a statistical report on national water resources (implement Article 7 of the Decree 201 (2018)) including water sampling, reports (surface water, underground water)   [Product: Ministry of Agriculture and Rural Development’ Circular]  Formulate instructions on water resource monitoring   [Product: Ministry of Agriculture and Rural Development’ Circular]  Formulate and promulgate the list of registered cross-border water resources as grounds for transnational coordination and intervention to determine vulnerability   [Product: Ministry of Agriculture and Rural Development’ Circular]  Construct national irrigation water quality management monitoring system   [Product: Ministry of Agriculture and Rural Development’s Circular] | | **Water resources including tap water**  Number of provinces across the country that have promulgated the list of water resource protection corridors  **Reference:** **Objective**: 6-10% of the total number of provinces  **Irrigation**  Area of upland crops using advanced, water efficient irrigation system  **Reference:** <50,000 ha**Objective**: 400,000 ha | | **Water resources including tap water**  Number of provinces across the country that have promulgated the list of water resource protection corridors  **Reference:**0;**:Objective:** 29/58 (50% of the total number of provinces) | | |  |  |
| *Proposals from ministries*  Formulate and promulgate regulations on investigation report forms, sequence of investigating current conditions of exploitation and use of water resources, discharging wastewater into water sources [Product: Ministry of Natural Resources and Environment's Decision]  Formulate and promulgate the list of water-scarce areas and areas running high risks of seawater intrusion [Product: Ministry of Natural Resources and Environment's Decision]  Formulate technical instructions on water-efficient irrigation for other types of plants [Product: Ministry of Agriculture and Rural Development’s Decision]   [2020=>2018] Formulate instructions on speeding up mechanism of coordination between irrigation water quality management agencies [Product: Ministry of Agriculture and Rural Development’s Circular] | | | | | *Proposals from ministries:*  Formulate and promulgate regulations on water resource use report forms  [Product: Ministry of Natural Resources and Environment's Decision]  Formulate and pass irrigation water quality protection action plan   [Product: Ministry of Agriculture and Rural Development’s Circular] | | | | *Proposals from ministries:*  Regulations on water resource monitoring[Product: Ministry of Natural Resources and Environment's Decision]  Construct national irrigation water quality management monitoring system   [Product: Ministry of Agriculture and Rural Development’s Circular] | |  |  |
| **General objective 3. Proactive response to rising sea and natural disaster risks in vulnerable zones** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| a) Reinforce resilience of infrastructure system | |  |  | | | | |  | | | | | *Proposals from development partners:*  Determine vulnerable areas which have great impacts on the economy (landslides on highway system) in Northern Vietnam | | | | *Proposals from development partners:*  Formulate regulations on sharing information from the monitoring system to mitigate climate change related natural disasters to roads between relevant agencies [Product: Ministry of Transport’s Circular XX] | | Reinforce resilience of road infrastructure  Reference: Technical instructions on specific domains are not available  Objective: [Number of domains/implementation plans] of constructed infrastructure system | | Reinforce resilience of road infrastructure  Reference:Technical instructions on specific areas are not available | | |  |  |
|  | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | | |  | |  | | | |  |  |
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|  | | | | | | | | | | *Suggestions from the Ministry of Transport:*Leave out the matter mentioned above. Reasons: No technical assistance | | | | *Suggestions from the Ministry of Transport:*Leave out the matter mentioned above. Reasons: No technical assistance | |  | |  | | |  |  |
| b) Enhance resilience of coastal areas through integrated coastal zone management | | Formulate and promulgate instructions on integrated coastal zone management for coastal provinces   [Product: The Ministry of Natural Resources and Environment’s Instructions on integrated coastal zone management for coastal provinces | Formulate and promulgate national coastal zoning   [Product: Ministry of Natural Resources and Environment’s Decision X]  Formulate and promulgate instructions on coastal resource co-management aimed at building resilience to climate change [and piloted in coastal provinces]   [Product: Ministry of Natural Resources and Environment’s Decision X] | | | | | Formulate and promulgate general planning for sustainable exploitation and use of coastal resources   [Product: Prime Minister’s Decision X] | | | | |  | | | |  | | **Integrated coastal management**  Number of provinces that have promulgated integrated coastal zone management program which is in the development stage \*  **Reference: 0** Objective: Five coastal provinces (20% of total number of coastal provinces)  \*a) Establish a provincial governing committee with participation of relevant competent agencies and maintain regular meetings; b) Transparency includes consultations, regular monitoring and reporting by Vietnam Agricultural Science Institute/Ministry of Natural Resources and Environment; c) Approval for program/product from People’s committees | | **Integrated coastal management**  Number of provinces that have promulgated integrated coastal zone management program which is in the development stage  **Reference: 0**Objective: 14 coastal provinces (50% of total number of coastal provinces) | | |  |  |
| Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | |  | | |  |  |  |  |
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| c) Reinforce resilience to climate change in Mekong Delta Region | |  |  | | | | |  | | | | |  | | | |  | |  | |  | | |  |  |
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|  | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | | | | | | | | | | | | | |  | | |  |  |
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| **General objective 4. Sustainable forest management and development** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| a) Reinforce sustainable forest management | | Formulate and promulgate technical instructions on coastal forest development [Product: Ministry of Natural Resources and Environment’s technical instructions including the norms for coastal forest development in response to climate change (promulgated)] | Formulate and promulgate instructions on checking coastal protective forest planning and reporting mechanism of local authorities on coastal forest monitoring and evaluation activities  [Product: Ministry of Agriculture and Rural Development’s Decision providing instructions on checking coastal forest planning ]  Amend, supplement the Prime Minister’s Decision No.[799/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/799/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) on National REDD+ Action Program  Prime Minister’s Decision on National REDD+ Action Program  Check and amend the law on forestry (Ministry of Agriculture and Rural Development) | | | | | *Proposals from development partners:*  Submit proposal for checking and increasing forest reference emission levels (FREL)  or forest reference level (FRL) [Product: Ministry of Agriculture and Rural Development’s Official Dispatch XX]  Formulate instructions on implementation of benefit distribution system (BDS) [Product: Ministry of Agriculture and Rural Development’s Circular]  Formulate and promulgate technical instructions on transforming coastal production forests into protective forests[Product: Ministry of Agriculture and Rural Development’s Decision] | | | | | *Proposals from development partners:*  Formulate coastal forest management planning as instructions for forest development planning for provinces from 2020 to 2030 | | | | New law on forestry to be passed by National Assembly Prime Minister’s Decision XXX | | **Coastal forest protection**  Percentage of coastal forest area increases;**Reference:** 0 6%  **REDD+**  shall be discussed when National REDD+ Action Program is amended | | **Coastal forest protection**  Percentage of coastal forest area increases; Reference: 0**Objective:** 10%  **REDD+**  shall be discussed when National REDD+ Action Program is amended | | |  |  |
| *Proposals from ministries:*  Check and amend the law on forestry (Ministry of Agriculture and Rural Development)  Formulate instructions on implementation of benefit distribution system (BDS) [Product: Ministry of Agriculture and Rural Development’s Circular]  Formulate and promulgate technical instructions on transforming coastal production forests into protective forests [Product: Ministry of Agriculture and Rural Development’s Decision] | | | | | *Proposals from ministries:*  Check and amend the law on forestry (Ministry of Agriculture and Rural Development) | | | |  |  |
| b) Biodiversity conservation | |  |  | | | | |  | | | | |  | | | | *Proposals from development partners:*  The law on biological diversity integrated with fishery, agricultural and other industries passed by National Assembly   [Product: [Product: Amended law on biological diversity passed by National Assembly]   (Ministry of Natural Resources and Environment/Department of Biodiversity Conservation) | | **Amended law on Biological diversity**  **Reference:** Check current unimplemented law on biological diversity  **Objective:** Draft of the amended law on biological diversity delivered to ministries, ministerial-level agencies for suggestions before submission to the Government | | **Amended law on Biological diversity**  **Reference:** Check current unimplemented law on biological diversity  **Objective:**[Product: Amended law on biological diversity passed by National Assembly] | | |  |  |
|  | | | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | | | | | |  | *Proposals from ministries:*  Check and amend the Law on Biological diversity and submit it to National Assembly   [Product: [Product: Prime Minister’s Decision X]   (Ministry of Natural Resources and Environment) | |  |  |
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| **General objective 5. Greenhouse gas emission mitigation in the course of socio-economic development** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| a) Step up development and use of renewable energy, new energy | | Formulate the Prime Minister’s Decision amending Decision No.[37/2011/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/37/2011/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) on incentive mechanism for development of wind power projects in Vietnam  Grant approval for the amended national electricity development plan in period 2011 – 2020 with a vision to 2030 [Product: Prime Minister’s Decision No. 428/QD-TTg] | Prime Minister’s Decision on planning for national biomass power projects to 2020 and a vision to 2030  Formulate planning for national biomass power projects to 2020 and a vision to 2030  Ministry of Industry and Trade’s Circular stipulating project development and specimen power purchase agreement (PPA) applicable to solar power projects in Vietnam | | | | | Formulate city-level auction mechanism for rooftop solar power projects in Ho Chi Minh and Da Nang cities (the Ministry of Industry and Trade shall submit it to Prime Minister through reports from the People’s committees of Ho Chi Minh and Da Nang cities)  Set up database of renewable energy (biomass, wind, solar) (digital map) (Material from Ministry of Industry and Trade) | | | | | Formulate and implement auction mechanism for solar panels (Prime Minister's Decision)  Formulate technical standards for wind power projects (Ministry of Industry and Trade’s Circular) | | | | Formulate and develop auction mechanism for on-grid wind power projects (Prime Minister’s Decision)  Formulate technical standards for wind power projects (Ministry Of Industry And Trade’s Circular)  Formulate technical standards for wind power projects (Ministry of Industry and Trade’s Circular) | | Attain around 450 MW of wind power  Attain around 500 MW of biomass power  Attain around 200 MW of solar power | | Attain around 800 MW of wind power  Attain around 700 MW of biomass power  Attain around 850 MW of solar power | | |  |  |
| b) Harness potentials for energy-efficient use | | Formulate and promulgate standards for energy efficiency in steel industry Ministry of Industry and Trade’s Circular  Formulate and promulgate standards for energy efficiency in beverage industry Ministry of Industry and Trade’s Circular | Formulate and promulgate standards for energy efficiency in plastics production industry   [Product: Ministry of Industry and Trade’s Circular  Formulate and promulgate standards for energy efficiency in steel industryMinistry of Industry and Trade’s Circular  Formulate and promulgate standards for energy efficiency in steel industry Ministry of Industry and Trade’s Circular XX | | | | | Formulate and promulgate standards for energy efficiency in steel industry Ministry of Industry and Trade’s Circular XX  Formulate and promulgate policies on reporting and evaluating energy efficiency for industries Ministry of Industry and Trade’s Circular XX | | | | | Formulate and promulgate standards for energy efficiency in high energy use intensity industries Prime Minister’s Decision | | | | |  | | --- | | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | **Determination of emission reduction in energy efficiency**  The percentage of saved energy in some chosen industries compared with BAU level  **Reference: 0** Objective: Attain a total of 3.2% (the percentage of saved energy) in some industries up to the target year  Expected reduction in greenhouse gas emissions due to electricity production and consumption until 2030 compared reference emission levels (RELs) under Vietnam’s INDC  **References: 0**Objective: to be determined at the end of 2016  . | | **Determination of emission reduction in energy efficiency**  The percentage of saved energy in some chosen industries compared with BAU level  **Reference: 0Objective:** X%    Expected reduction in greenhouse gas emissions due to electricity production and consumption until 2030 compared reference emission levels (RELs) under Vietnam’s INDC  **Reference: 0**Objective: to be determined at the end of 2016 | | |  |  |
| c) Control air quality and greenhouse gas emissions reduction and reduce air pollutants from traffic vehicles | | Formulate and promulgate instructions on automatic and uninterrupted industrial emission monitoring   [Ministry of Natural Resources and Environment’s Circular Y] | Formulate and promulgate instructions on completing air quality management planning in order to implement national action plan at provincial and municipal levels [Ministry of Natural Resources and Environment's Circular]  Formulate and promulgate technical instructions on air quality management planning for urban areas in Vietnam Ministry of Natural Resources and Environment’s Document]  Formulate and promulgate procedures for licensing discharge of industrial emissions [Product: Ministry of Natural Resources and Environment’s Circular]  Formulate and promulgate regulations on licensing discharge of industrial emissions [Product: Ministry of Natural Resources and Environment’s Circular on licensing the discharge of industrial emissions] | | | | | *Proposals from development partners:*  Formulate and promulgate discharge monitoring policies for automation industry [Product: Ministry of Agriculture and Rural Development’ Circular]  Formulate agenda for determining PM2.5 targets in period 2020 - 2025 in cities Ministry of Natural Resources and Environment’s Document] | | | | | Formulate and promulgate agenda for air quality management [Product: Ministry of Natural Resources and Environment's Decree]  Official document determining PM2.5 targets in the cities Ministry of Natural Resources and Environment’s Document XX] | | | | Formulate and promulgate instructions on determination of PM2.5 and PM10 emission sources   [Product: Ministry of Natural Resources and Environment's Circular] | | **Air quality management plan (AQM) at local level**  Number of provinces/cities applying AQM  **Reference: 0** Objective: 5  **AQM in industrial branches**  Percentage of businesses from six main industrial branches that have applied for emission permits and provided reports systematically  **Reference: 0** Objective: 60% | | **Air quality management plan at local level**  Number of provinces formulating and implementing AQM to 2020: 8% (around five provinces)  Number of industrial facilities/production factories (based on objectives mentioned in the national action plan)  **AQM in industrial branches**  Number of main industrial branches that have installed automatic emission monitoring system and provided reports  PM2.5: Determine major sources of emissions in some major cities  **Reference: 0**Objective: X% (to be determined later) | | |  |  |
| *Proposals from ministries:*Request further discussion | | | | | *Proposals from ministries:*Request further discussion | | | | *Proposals from ministries:*Request further discussion | |  |  |
| Promulgate National Standard on gaseous emissions from motors, bikes participating in traffic | Formulate and promulgate regulations on energy labels for 9 – and lower seater cars [Product: Ministry of Transport’s Circular]  Formulate and promulgate criteria for green road transport trading enterprises[Product:Directorate for Roads of Vietnam’s Decision] | | | | | *Proposals from development partners:*  Formulate and promulgate technical instructions on use of fuel for motors, bikes [Product: Ministry of Transport’s Circular] | | | | | *Proposals from development partners:*  Formulate and promulgate energy-labels for motors and cars [Product: Ministry of Transport’s Circular] | | | | *Proposals from development partners:*  Apply EURO5 [Product: Decision TT XXX]  Technical instructions on EURO5 emission standards for new vehicles [Product: Ministry of Transport’s Circular]  Technical instructions on fuel consumption for motors [Product: Ministry of Science and Technology’s Document XXX]  Technical instructions on fuel consumption for motor vehicles [Product: Ministry of Science and Technology’s Document XXX] | | **AQM in road traffic**  Percentage of NOXemission reduction in light road transport  Reference: 0 Objective: X%   (technical research is required) | | (to be determined later) | | |  |  |
| *Proposals from ministries:*  Formulate and promulgate regulations on energy labels two-wheeled motors   [Product: Ministry of Transport’s Circular] | | | | | *Proposals from ministries:*  Formulate and promulgate the roadmap for application of new exhaust emission standards for automobiles eligible for traffic participation and used imported motor vehicles   [Product: [Product: Prime Minister’s Decision] | | | | *Proposals from ministries:*  Formulate National technical regulation on level 5 exhaust emission standards for domestically manufactured, assembled and imported automobiles   [Product: Ministry of Transport’s Circular]  Technical instructions on fuel consumption for bikes and motor vehicles   [Product: Ministry of Science and Technology’s Document XXX] | |  |  |
| **General objective 8. Diversify financial resources and increasing investment efficiency in climate change** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| a) Complete financial mechanism to support response to climate change | | Implement new market mechanism and other approaches   [Project: at least two emission reduction projects to be implemented according to new market mechanism and other approaches] | Complete checking a number of selected climate change and green growth projects, with due account taken of climate change adaptation objective   [Product: Ministry of Planning and Investment’s Official Dispatch submitted to Prime Minister and NCCC] | | | | |  | | | | |  | | | |  | | **Investment in green growth in domains and provinces**  **Reference:**No domain, no provinces;  **Objective:** 3 domains, 8 provinces;  **Green growth projects**  Percentage increase (corresponding to distributed fund) in number of programs and projects that meet objectives of climate change and green growth policies of provinces and domains  **Reference: 0%**Objective: 15% | | **Investment in green growth in domains and provinces**  **Reference:**No domain, no provinces;  **Objective:** X domains, Y provinces;  **Green growth projects**  Percentage increase (corresponding to distributed fund) in number of programs and projects that meet objectives of climate change and green growth policies of provinces and domains  **Reference: X%** **Objective:**Y% | | |  |  |
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|  | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | | | | |  |  | |  |  |
|  | | | | |  | | | |  | |  |  |  |  |
| Prepare to receive supports from Green Climate Fund (GCF) | |  | Formulate instructions on design process and implementation of investment project aligned with Green Climate Fund   [Product: Ministry of Planning and Investment’s Instructions] | | | | | |  | | --- | | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | | | | Implement projects funded by GCF in Vietnam [Product: At least one project to be implemented] | | | | |  | | --- | | Focus on implementation of the proposed policies New proposals (if any) shall be considered for 2017 | | | **GCF**  **Reference:**Instructions on registration of GCF funded projects are not available  **Objective:** Instructions on registration of GCF funded projects are available | | **GCF**  **Reference:**No project funded by GCF  **Objective**: at least one project to be funded by GCF | | |  |  |
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| **Table 2: Detailed plan for implementation of policy component, SP-RCC 2016** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| **No.** | **Policy action** | | | | | | | | | **Product** | | | | | | | | | | **Implementation period** | | **Agency in charge** | |  |  |
| **General objective 1. Proactive response to natural disasters and climate monitoring** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 1.1 | Formulate decree providing instructions on implementation of the law on meteorology and hydrology | | | | | | | | | Ministry of Natural Resources and Environment’s Decree providing instructions on implementation of the law on meteorology and hydrology | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| 1.2 | Formulate regulations on monitoring activities of the national meteorology and hydrology station network, implement the law on meteorology and hydrology | | | | | | | | | Ministry of Natural Resources and Environment’s Circular stipulating monitoring activities of the national meteorology and hydrology station network | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| 1.3 | Formulate regulations on the assessment of impacts of climate change and national climate<0} | | | | | | | | | Ministry of Natural Resources and Environment’s Circular stipulating the assessment of impacts of climate change and national climate | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| **General objective 2. Ensuring water and food security amid climate change** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 2.1 | Formulate regulations on determination and public announcement of tap water safeguard zones | | | | | | | | | Ministry of Natural Resources and Environment’s Circular stipulating the determination and public announcement of tap water safeguard zones (promulgated) | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| 2.2 | Formulate regulations on protection of river beds, banks | | | | | | | | | The Ministry of Natural Resources and Environment’s Circular stipulating protection of river beds, banks (promulgated) | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| 2.3 | Formulate and promulgate incentive policies for development of small, infield and advanced water-efficient irrigation systems | | | | | | | | | Prime Minister’s Decision on water-efficient irrigation | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Agriculture and Rural Development |  |  |
| **General objective 3. Proactive response to rising sea and natural disaster risks in vulnerable zones** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 3.1 | Formulate and promulgate circular providing instructions on procedures for assessment of green works | | | | | | | | | Ministry of Construction’s Circular providing instructions on procedures for assessment of green works | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Construction |  |  |
| 3.2 | Formulate and promulgate instructions on integrated coastal zone management for coastal provinces | | | | | | | | | The Ministry of Natural Resources and Environment’s Decision on integrated coastal zone management for coastal provinces | | | | | | | | | | January 2016 – January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| 3.3 | Study and propose intersectoral coordination mechanism in response to climate change in Mekong Delta Region | | | | | | | | | Report on study and proposal for intersectoral coordination mechanism in response to climate change in Mekong Delta Region (completed) | | | | | | | | | | January 2016 – January 2017 | | | Ministry of Natural Resources and Environment, Ministry of Planning and Investment, other relevant ministries |  |  |
| **General objective 4. Sustainable forest management and development** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 4.1 | Formulate new law on forestry in place of the law on forest protection and development No. 29/2004/QH11 | | | | | | | | | Application for the formulation of the law on forestry has been submitted by the Ministry of Agriculture and Rural development to the Ministry of Justice for assessment | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Agriculture and Rural Development |  |  |
| 4.2 | Implement National REDD+ Action Program | | | | | | | | | - Provincial REDD+ Action Program has been approved in eight provinces  - Vietnam REDD+ Fund has been established.  - FRL in the implementation of National REDD+ proposed to UNPCCC  - Emissions reduction program document for the North Central Coast region has been formulated and delivered to Forest Carbon Partnership Facility affiliated to the World Bank | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Agriculture and Rural Development |  |  |
| 4.3 | Formulate and promulgate technical instruction on coastal forest development | | | | | | | | | Ministry of Natural Resources and Environment’s technical instructions including the norms for coastal forest development in response to climate change | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Agriculture and Rural Development |  |  |
| 4.4 | Check and amend the law on biological diversity | | | | | | | | | Proposals for formulation of the Law on Biological diversity submitted to National Assembly and proposals for law construction projects included in National Assembly’s law construction program | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| **General objective 5. Greenhouse gas emission mitigation in the course of socio-economic development** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 5.1 | Formulate Prime Minister’s decision on incentive mechanism for solar power development | | | | | | | | | Prime Minister’s decision on incentive mechanism for solar power development (promulgated) | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.2 | Formulate solid waste to electricity development planning to 2025, a vision to 2035 | | | | | | | | | The solid waste to electricity development planning to 2025, a vision to 2035 approved by Prime Minister | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.3 | Amend the Prime Minister’s Decision amending Decision No. [37/2011/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/37/2011/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) on incentive mechanism for development of wind power projects in Vietnam | | | | | | | | | The Prime Minister’s Decision on incentive mechanism for development of wind power projects in Vietnam (promulgated) | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.4 | Enhance standards for energy efficiency of domestic refrigerators | | | | | | | | | Amended technical standards for energy efficiency of domestic refrigerators approved in June 2016 by the Ministry of Science and Technology | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Science and Technology |  |  |
| Check contents of the technical standards; if suitable, the Ministry of Industry and Trade shall grant approval and apply in energy labeling program at the end of 2016 | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.5 | Grant approval for the amended Plan for national electricity development in 2011 – 2020 period with a vision to 2030 | | | | | | | | | The Prime Minister’s Decision granting approval for the amended national master plan for development of electricity in 2011 – 2020 period with a vision to 2030 | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.6 | Formulate and promulgate standards for energy efficiency in steel industry | | | | | | | | | The Ministry of Industry and Trade’s Circular on formulation and promulgation of standards for energy efficiency in steel industry | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.7 | Formulate and promulgate standards for energy efficiency in beverage industry | | | | | | | | | The Ministry of Industry and Trade’s Circular on formulation and promulgation of standards for energy efficiency in beverage industry | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.8 | Strengthen training for energy management and audit staff at Energy Manager Training Center | | | | | | | | | 100 energy experts shall be trained and granted certificate every year at Energy Manager Training Center in Ho Chi Minh City | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Industry and Trade |  |  |
| 5.9 | Build capacity and support formulation of Nationally Appropriate Mitigation Action (NAMA) in cement production in Vietnam | | | | | | | | | Ministry of Construction’s NAMA in cement production in Vietnam | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Construction |  |  |
| 5.10 | Formulate the roadmap for application of exhaust emission standards for motors and bikes participating in traffic in provinces and cities | | | | | | | | | Prime Minister’s Decision on the roadmap for application of exhaust emission standards for motors and bikes participating in traffic in provinces and cities | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Transport |  |  |
| 5.11 | Formulate and promulgate instructions on automatic and uninterrupted industrial emission monitoring | | | | | | | | | The Ministry of Natural Resources and Environment’s Circular providing instructions on automatic and continuous industrial emission monitoring | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| 5.12 | Promulgate National Standard on gaseous emissions from motors, bikes participating in traffic | | | | | | | | | National Standard on gaseous emissions from motors, bikes participating in traffic (promulgated) | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Transport |  |  |
| **General objective 6. Building capacity of the governmental agencies in response to climate change** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 6.1 | Construct and develop facilities for monitoring and evaluating the implementation of national strategy for climate change | | | | | | | | | Carry out the monitoring and evaluation through studied facilities | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
| **General objective 7. Building community capacity in response to climate change** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 7.1 | Formulate national training program and material on strengthening capacity of health sector in response to climate change | | | | | | | | | National training program and material on strengthening capacity of health sector in response to climate change | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Health |  |  |
| 12 | Formulate education material on safe and resilient primary schools | | | | | | | | | The set of education material on safe and resilient primary schools | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Education and Training |  |  |
| **General objective 8. Diversifying financial resources and increasing investment efficiency in climate change** | | | | | | | | | | | | | | | | | | | | | | | |  |  |
| 8.1 | Formulate instructions on classification of spending on climate change and green growth | | | | | | | | | Ministry of Planning and Investment’s Decision on classification of spending on climate change and green growth | | | | | | | | | | January 2016 - January 2017 | | | Ministry of Natural Resources and Environment, Ministry of Planning and Investment, other relevant ministries |  |  |
| 8.2 | Implement new market mechanism and other approaches | | | | | | | | | At least two emission reduction projects to be implemented according to new market mechanism and other approaches | | | | | | | | | | January 2016 - January 2017 | | | The Ministry of Natural Resources and Environment |  |  |
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**3. Program monitoring and evaluation plan**

Monitoring and evaluation activities are carried out through annual evaluation of implementation periods of the Program.

***a) Annual evaluation includes:***

i) Monitor implementation of the policy framework

The monitoring and evaluation of the implementation of the policy framework approved by the Prime Minister shall be carried out between periods of SP-RCC. These activities shall be implemented by intersectoral appraisal group established by the Ministry of Natural Resources and Environment with participation of governmental agencies and development partners.

Main objective of the monitoring is to collect information about implementation progress and achieve results from the preparation and implementation of policy actions, or make amendments to the policy actions if necessary. The process of monitoring and evaluation includes following steps:

*Organize technical meetings:* Program coordinating unit (PCU) shall organize the meeting with participation of relevant ministries and development partners to monitor the implementation of policy actions. Other relevant parties may be invited to participate. The meeting's agenda shall be focused on the implementation of the policy actions, achieved results and measures to overcome obstacles.

*Prepare information notes:* PCU shall prepare information notes for each policy action two weeks prior to the meeting. An information note includes the policy’s objectives, achieved results, efforts at implementation of the policy action, schedules and other relevant law provisions.

*Prepare progress report:* This report shall be made based on outcomes of the meeting on progress of formulation and promulgation of the policy within the framework of SP-RCC. A draft report shall be delivered to ministries and development partners two weeks before the second meeting takes place. Based on outcomes of the meeting, the draft report shall be updated and delivered to relevant parties and members of NCCC two weeks after the meeting.

ii) Evaluate implementation of the policy framework:

Evaluation shall be carried out at the end of each period. Main objective of evaluation is collect information about results achieved from the promulgation of the policies. Evaluation process includes following steps:

*Prepare schedules:* PCU shall consult with ministries, agencies in charge of policy actions and development partners on schedules and be prepared for the meeting with participation of ministries and agencies in charge of policy actions.

*Prepare information notes:* PCU shall cooperate with agencies in charge of policy actions to prepare information notes. An information note includes updates about processes and results of implementation of each policy action. Other supporting material shall be also provided to development partners two weeks before the meeting.

*Preparatory meetings:* To ensure effectiveness of the official meeting and depending on actual circumstances, PCU may organize preparatory meetings to go through processes and criteria of evaluation and roles played by relevant parties.

*Official meetings:*PCU shall coordinate preparation for the meeting. The meeting aims at evaluating implementation of the policy framework. In the meeting, the agencies in charge of policy actions and development partners shall evaluate period end indicators and discuss the grading of results from implementation of policy actions.

*Evaluation report:* An evaluation report shall be made and delivered to ministries and members of NCCC, and donors and posted on the website of NCCC. This report shall serve as grounds for the parties to adjust next year’s policy framework and also for development partners to make decision on disbursement of aids.

iii) Investment monitoring and evaluation

Investment monitoring and evaluation are carried in accordance with Decree No. [84/2015/ND-CP](http://hethongphapluatvietnam.com/docs/find-go/84/2015/ND-CP&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) dated September 30, 2015 and relevant guiding documents.

***b) Evaluation of implementation stages of the Program***

Evaluation of implementation stages of the Program includes evaluation in: (1) Period opening; (2) Mid period; (3) Period closing; (4) Post-closing Depending on requests from the governing body or donor, evaluation shall be carried out in some or all of the stages mentioned above.

*(1) Period opening evaluation:*

Period opening evaluation shall carried out after the start of SP-RCC 2016 – 2020. The evaluation shall focus on followings:

- Preparations, organization and mobilization of resources to ensure the Program meets the set objectives.

- Difficulties arising and solutions;

- Detect and propose solutions to difficulties arising due to objective reasons (changes to legal environment, changes to progresses or some items to suit climatic, geologic, custom and residential conditions …) or subjective reasons (capacity and organization structure of the Program’s owner, PCU …).

*(2) Mid-period evaluation:*

Mid-period evaluation shall be carried out in 2018 (in the middle of the Program). Mid-term evaluation shall focus on followings:

- Evaluate conformity of the outcomes with the Program’s objectives;

- Evaluate the formulation and implementation of the policy frameworks 2016, 2017 to appropriate adjustments to climate change negotiation results at COP 22 and COP 23.

- Detect and evaluate difficulties arising during the implementation of the Program;

- Propose solutions to ensure the Program meets the objectives, progress and quality.

*(3) Period closing evaluation:*

Period closing evaluation must be completed within six months since the end of the Program as prescribed in International Agreement on ODA and concessional loans. The evaluation shall serve as grounds to formulate the Program closing report.

The evaluation shall be focused on review and assessment of all the phases during the implementation of the Program that include:

- Evaluation of preparation and implementation of the Program;

- Evaluate outcomes of the Program including implementation organization and management, arrangement of funds and mobilization of resources, direct and indirect benefits brought to beneficiaries by the Program;

- Evaluate impacts of the Program on socio-economic, environmental, technical and human resource development areas;

- Evaluate sustainability of the Program;

- Lessons learned from the preparation and implementation of the Program;

- Give necessary recommendations to ensure effectiveness of the Program.

*(4) Impact evaluation (Post-closing evaluation):*

Evaluation of impacts of SP-RCC shall be carried out within three years since the project is completed and be focused on followings:

- Current economic and technical conditions of projects, policies during implementation;

- Impacts of the Program on economic, political and social areas;

- Impacts of the Program on ecological environment;

- Sustainability of the Program;

- Lessons learned from designing, implementation and management of the Program.

**VII. MAIN OUTCOMES FROM THE PROGRAM**

On the basis of NCCS and VGGS, SP-RCC shall focus on developing policy actions annually to achieve following results:

1. Proactive response to natural disasters and climate monitoring:

- Reduce damage caused by natural disasters;

- Provide early warnings;

- Perform climate monitoring

2. Ensuring water and food security amid climate change:

- Enhance sustainability of agricultural production and food security;

- Enhance water resource management capacity.

3. Effective response to rising sea and natural disaster risks in vulnerable zones:

- Reinforce resilience of infrastructure systems;

- Reinforce resilience of coastal areas through integrated coastal management;

- Reinforce resilience to climate change in Mekong Delta Region.

4. Sustainable forest protection and development:

- Enhance sustainable forest protection and development;

- Maintain biodiversity conservation.

5. Greenhouse gas emission mitigation in the course of socio-economic development:

- Step up development and use of renewable energy, new energy;

- Harness potentials for energy-efficient use;

- Manage air quality, reduce greenhouse gas emissions and air pollutants, mainly from road vehicles.

6. Strengthening leading role of the state in climate change response:

- Integrate climate change response into greenhouse gas emission activities aligned with domestic conditions;

- Formulate national adaptive plan (NAP);

- Prepare development of the Paris Agreement.

7. Build community capacity in response to climate change:

- Build capacity of health sector in response to climate change;

- Enhance awareness, education and training in climate change response.

8. Diversifying financial resources and increasing investment efficiency in climate change:

- Complete financial mechanism to support response to climate change;

- Prepare to receive supports from Green Climate Fund (GCF).

**VIII. PROGRAM MANAGEMENT AND IMPLEMENTATION**

NCCC led by the Prime Minister shall direct, inspect and supervise all activities of SP-RCC.

The Program shall be implemented at national level with the Ministry of Natural Resources and Environment as its governing body. The Program is managed by PCU affiliated to the Ministry of Natural Resources and Environment. On behalf of the governing body, PCU shall coordinate activities of the components, carry out monitoring, evaluation and reporting to ensure effectiveness of the Program.

Roles and responsibilities of ministries and localities during the implementation of the Program as follows:

**1. The Ministry of Natural Resources and Environment**

Standing agency of NCCC and the governing body of SP-RCC:

a. Consult with development partners, governmental agencies and relevant parties, formulate general action plan for SP-RCC based on subject matters of the Program's Document;

b. Preside over and organize policy dialogs with governmental agencies and development partners to determine prioritized areas in the formulation of policies, propose and finalize policy actions, programs and projects that need to be implemented to respond to climate change and accelerate green growth in Vietnam; submit to the Prime Minister for approval the policy framework including agreed policy actions and prioritized investment projects;

c. Preside over and cooperate with ministries and localities and development partners in monitoring and evaluating the implementation of policy frameworks, programs and projects approved by the Prime Minister; make regular reports on the implementation of SP-RCC to NCCC and relevant agencies

d. Preside over and cooperate with ministries and localities in ensuring compliance with regulations of the Program’s Document; Maintain consolidated database and update activities of SP-RCC;

e. Cooperate with the Ministry of Planning and Investment and Ministry of Finance in making reports on the receipt of aids from development partners to the Prime Minister for consideration.

**Program Coordinating Unit**

PCU shall act as a central contact for all activities of SP-RCC and play a role as the Secretariat for the Program. PCU which is located in Agency for Meteorology Climate Change, Ministry of Natural Resources and Environment shall be responsible to:

a. Assist leaders of the Ministry of Natural Resources and Environment in cooperating with ministries and localities and development partners in the preparation of reports and necessary procedures; maintain exchange of information and regular collaboration with relevant parties;

b. Play a role as the Secretariat in policy framework formulating meeting, technical meetings and other meetings; prepare invitation letters, meeting agenda, logistics and reports;

c. Prepare reports on monitoring and evaluation of the implementation of policy frameworks and other reports if necessary and make submission to the Ministry of Natural Resources and Environment and development partners;

d. Organize annual policy dialog forums with ministries and development partners to formulate and submit policy frameworks to the Prime Minister for approval;

e. Collect, store and share information and data about activities of SP-RCC and act as a central contact of the Program.

**2. The Ministry of Planning and Investment**

a. Propose policy actions in order to integrate climate change and green growth elements into sectoral and local socio-economic planning, plans;

b. Cooperate with the Ministry of Natural Resources and Environment and Ministry of Finance in making reports on the receipt of aids from development partners to the Prime Minister for consideration.

c. Preside over and cooperate with the Ministry of Natural Resources and Environment, other ministries and localities in allocating funds for climate change and green growth annually.

**3. The Ministry of Finance**

a. Allocate adequate funds for agencies in charge of policy actions, prioritized projects according to the law on state budget;

b. Cooperate with the Ministry of Natural Resources and Environment and Ministry of Planning and Investment in making reports on the receipt of aids from development partners to the Prime Minister for consideration.

c. Cooperate with the Ministry of Natural Resources and Environment and Ministry of Planning and Investment in determining medium-term and annual budget frame for activities in response to climate change in reliance on budget allocation capacity and fund mobilization.

**4. Other ministries and localities**

a. Based on socio-economic development strategies and plans, and priorities, ministries and localities shall cooperate with the Ministry of Natural Resources and Environment and development partners in proposing policy actions for the policy framework, prioritized projects to respond to climate change and accelerate green growth;

b. Report the monitoring and evaluation of the implementation of policy actions and prioritized projects to the Prime Minister;

c. Submit requests for budget to the Ministry of Finance and allocate funds for the agencies in charge of policy actions and prioritized projects according to the law on state budget;

d. Take part in discussions and exchanges with the Ministry of Natural Resources and Environment and development partners on the formulation of policy actions, policy frameworks, lists of prioritized projects, technical meetings and other meetings under the Program.

e. Make regular and irregular reports to the office of PCU as requested;

**IX. TOTAL FUND FOR THE PROGRAM**

**1. ODA, concessional loans**

The Program are funded mainly by JICA, AFD, IDA affiliated to the World Bank and possibly other development partners in the form of ODA and concessional loans. Ministries: The Ministry of Natural Resources and Environment and Ministry of Finance shall work with development partners, mobilize contributions and prepare procedures for the receipt of aids. Based on particular requirements of the policy framework, the list of prioritized projects approved by the Prime Minister, the Ministry of Finance shall ensure provision of finance to activities of the Program as a top priority. The Program is expected to raise around US$ 1.2 billion in the period 2016 – 2020.

Manner of granting ODA and concessional loans to the Program is the support for the budget in the implementation of duties in response to climate change (target budget support).

Currently, JICA, AFD and WB has pledged to actively assist Vietnam in implementing the commitments to the Paris Agreement reached at COP 21 in which JICA is expected to provide JPY 20 billion (around US$ 200 million) in the fiscal year 2016 and 2017, WB US$ 270 million divided into three stages, AFD EUR 100 million for the period 2017 - 2018. Therefore, SP-RCC shall need an additional amount of US$ 620 million.

In addition to support of the state budget for development of policies and additional funds, the Program shall call for development partners to provide technical assistance in the form of non-refundable aids to ministries and localities in the formulation and development of policy actions to enhance quality of implementation of policy frameworks and prioritized projects. Need for technical assistance is detailed in Annex I.

**2. Counterpart fund**

In the period 2016 – 2020, a counterpart fund for SP-RCC shall be balanced and arranged by the Ministry of Natural Resources and Environment in collaboration with the Ministry of Finance. The Ministry of Natural Resources and Environment shall set up and submit the counterpart fund plan to the Prime Minister for approval in November 2016. This fund shall be used to assist ministries and sectors in conducting necessary research and consultations for policy building; conduct monitoring and evaluation of the implementation of the Program at the request of Vietnam and development partners, expenses for administrative and office management by PCU.

**X. BINDING REQUIREMENTS OF THE FOREIGN DONOR FOR ODA AND CONCESSIONAL LOANS**

Based on the formulation of policy frameworks for 2018 – 2020 and outcomes from the formulation of the policy framework 2016 – 2017, donors shall consider possibilities of providing new loans for the period 2018 – 2020. To attract and use ODA effectively in the future, Vietnam as a low-medium income country must meet following requirements:

- Ensure adequate counterpart fund for the Program to be eligible for quickest disbursement. Use of ODA shall become ineffective without adequate counterpart resources including finance and qualified personnel.

- Determine investment priorities, build capacity and improve project implementation, focus investment on projects of value and create widespread influence of the Program.

- Part of the loans shall be reserved for activities supporting the development of policy actions (technical assistance, pilot study, consultations) and this part shall be disbursed according to instructions of the donor as part of the loan agreement. Cooperate closely with donors to use the aids appropriately; enhance efficiency in the use of aids as well as the monitoring and evaluation of projects; improve management system in conformity with laws of Vietnam and international practice.

**XI. DOMESTIC FINANCIAL MECHANISM**

In the period 2009 – 2015, the financial mechanism for SP-RCC was conformable with the financial mechanism for foreign loans and aids to the Program as prescribed in Office of the Government’s Notice No. dated December 10, 2010. Thus, NTP-RCC would be adequately financed as a top priority, the rest went to SP-RCC and budget balance.

However, the fund raised under SP-RCC 2009 - 2015 was not allocated for the formulation and development of policies for climate change response and ministerial capacity building and, at the same time, allocation of funds for prioritized projects remain limited (only 26 of 62 projects approved by the Prime Minister were invested).

To encourage participation of ministries and localities, it is necessary to adjust fund ratio for activities in response to climate change and increase transparency in the use of the aids. Specifically: Prioritize the funds raised under SP-RCC for the development of policy actions, implementation of projects approved under TP-RCC-GG, the Paris Agreement Implementation Plan; build capacity of ministries, sectors and localities for the implementation of the Program.

Arrange adequate counterpart fund of the Program for PCU from central budget in the Ministry of Natural Resources and Environment’s annual budget estimates to assist ministries and sectors in conducting necessary research and consultations for the formulation and development of policy actions; conduct monitoring and evaluation of the implementation of the Program and expenses for administrative and office management by PCU.

Additionally, the Government shall consider making adjustments to domestic financial mechanism for ODA toward increasing on-lending and reducing allocation depending on development level in individual localities. The Government may use funds raised from different donors for appropriate projects.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Need for technical assistance**  **SP-RCC 2016 - 2017** | | | | | |
| **No.** | **Subject matters** | | **Period** | **Activities in need of assistance** | **Expenses (US$)** |
| **I** | **Formulation and development of subject matters of the policy framework 2016** | | | | **1,236,860** |
| **1** | **Proactive response to natural disasters and climate monitoring** | | | | **136,000** |
| 1.1 | Formulate decree providing instructions on implementation of the law on meteorology and hydrology | | 2016 | Consultations, technical meetings | 34,150 |
| Consultants | 5,600 |
| Pilot study | 11,250 |
| 1.2 | Formulate regulations on monitoring activities of the national meteorology and hydrology station network, implement the law on meteorology and hydrology | | 2016 | Consultations | 18,200 |
| Consultants | 11,500 |
| Research and survey | 14,300 |
| 1.3 | Formulate regulations on the assessment of impacts of climate change and national climate | | 2016 | Consultations | 16,200 |
| Consultants | 15,000 |
| Pilot study | 9,800 |
| **2** | **Ensuring water and food security amid climate change** | | | | **122,850** |
| 2.1 | Formulate regulations on determination and public announcement of tap water safeguard zones | | 2016 | Consultations | 22,200 |
| Consultants | 8,000 |
| Survey, pilot study | 10,800 |
| 2.2 | Formulate regulations on protection of river beds, banks | | 2016 | Consultations | 22,200 |
| Consultants | 8,000 |
| Research and survey | 10,800 |
| 2.3 | Formulate incentive policies for development of small, infield and advanced irrigation systems | | 2016 | Consultations | 24,250 |
| Consultants | 5,850 |
| Evaluation, pilot study | 10,750 |
| **3** | **Proactive response to rising sea and natural disaster risks in vulnerable zones** | | | | **122,530** |
| 3.1 | Formulate and promulgate circular providing instructions on procedures for assessment of green works | | 2016 | Consultations, technical meetings | 17,200 |
| Consultants | 13,500 |
| Survey, evaluation | 10,650 |
| 3.2 | Formulate and promulgate instructions on integrated coastal zone management for coastal provinces | | 2016 | Consultations | 15,830 |
| Consultants | 16,300 |
| Pilot study | 8,500 |
| 3.3 | Study and propose intersectoral coordination mechanism in response to climate change in Mekong Delta Region | | 2016 | Warning and forecasting capacity building | 14,200 |
| Constructing monitoring network | 12,550 |
| Survey | 13,800 |
| **4** | **Sustainable forest management and development** | | | | **163,710** |
| 4.1 | Formulate the new law on forestry in place of the law on forest protection and development No. 29/2004/QH11 | | 2016 | Consultations | 18,200 |
| Consultants | 13,850 |
| Coordinating integration of relevant policies | 8,800 |
| 4.2 | Implement National REDD+ Action Program | | 2016 | Consultations, training, propaganda and  capacity building | 17,200 |
| Consultants | 12,860 |
| Build institutional capacity | 11,800 |
| 4.3 | Formulate and promulgate technical instruction on coastal forest development | | 2016 | Consultations | 23,200 |
| Consultants | 5,000 |
| Pilot study | 16,800 |
| 4.4 | Check and amend the law on biological diversity | | 2016 | Consultations | 21,700 |
| Consultants | 14,300 |
| **5** | **Greenhouse gas emission mitigation in the course of socio-economic development** | | | | **487,000** |
| 5.1 | Formulate the Prime Minister’s Decision amending Decision No. [37/2011/QD-TTg](http://hethongphapluatvietnam.com/docs/find-go/37/2011/QD-TTg&area=2&type=0&match=False&vc=True&lan=0" \t "_blank) on incentive mechanism for development of wind power projects in Vietnam | 2016 | | Consultations | 19,700 |
| Consultants | 11,720 |
| Pilot study | 8,350 |
| 5.2 | Formulate Prime Minister’s decision on incentive mechanism for solar power development | 2016 | | Consultations | 21,500 |
| Research experts | 14,500 |
| Pilot study | 5,300 |
| 5.3 | Formulate and promulgate solid waste to electricity development policies to 2025 and a vision to 2035 | 2016 | | Consultations | 21,500 |
| Consultants | 14,500 |
| Study and learn international experience | 5,300 |
| 5.4 | Grant approval for the amended Plan for national electricity development in 2011- 2020 period with a vision to 2030 | 2016 | | Consultations | 18,200 |
| Consultants | 14,350 |
| Pilot study | 8,650 |
| 5.5 | Enhance standards for energy efficiency for domestic refrigerators | 2016 | | Consultations | 17,450 |
| Consultants | 14,550 |
| Research and survey | 9,300 |
| 5.6 | Formulate and promulgate standards for energy efficiency in steel industry | 2016 | | Consultations | 16,200 |
| Consultants | 13,650 |
| Pilot study | 10,850 |
| 5.7 | Formulate and promulgate standards for energy efficiency in beverage industry | 2016 | | Consultations | 18,200 |
| Consultants | 11,250 |
| Pilot study | 11,800 |
| 5.8 | Strengthen training for energy management and audit staff at Energy Manager Training Center | 2016 | | Organizing training courses abroad | 17,190 |
| Training experts | 22,300 |
| 5.9 | Build capacity and support formulation of greenhouse gas emission mitigation action plan in cement production in Vietnam | 2016 | | Consultations | 18,200 |
| Consultants | 11,630 |
| Construct national database of the industry | 9,320 |
| 5.10 | Formulate the roadmap for application of exhaust emission standards for motors and bikes participating in traffic in provinces and cities | 2016 | | Organize consultations, technical meetings | 18,200 |
| Personnel | 15,500 |
| Research, training experts, consultants | 7,300 |
| 5.12 | Formulate and promulgate instructions on automatic and uninterrupted industrial emission monitoring | 2016 | | Consultations | 17,200 |
| Consultants | 12,700 |
| Pilot study | 9,580 |
| 5.13 | Promulgate National Standard on gaseous emissions from motors, bikes participating in traffic | 2016 | | Consultations | 17,200 |
| Consultants | 12,600 |
| Pilot study | 11,260 |
| **6** | **Building capacity of the governmental agencies in response to climate change** | | | | **41,000** |
| 6.1 | Construct and develop facilities for monitoring and evaluating the implementation of national strategy for climate change | 2016 | | Consultations | 19,700 |
| Consultants | 13,500 |
| Construct database system | 7,800 |
| **7** | **Building community capacity in response to climate change** | | | | **82,040** |
| 7.1 | Formulate national training program and material to strengthen capacity of health sector in response to climate change | 2016 | | Consultations | 18,200 |
| Consultants | 11,950 |
| Pilot study | 10,690 |
| 7.2 | Formulate education material on primary-level safe and resilient schools | 2016 | | Consultations | 17,200 |
| Consultants | 13,240 |
| Construct a set of education material and activity program | 10,760 |
| **8** | **Diversifying financial resources and increasing investment efficiency in climate change** | | | | **81,730** |
| 8.1 | Formulate instructions on classification of spending on climate change and green growth | 2016 | | Consultations | 18,540 |
| Research experts | 11,500 |
| Studying legal mechanism | 9,550 |
| 8.2 | Implement new market mechanism and other approaches | 2016 | | Consultations | 18,700 |
| Consultants | 11,640 |
| Pilot study | 11,800 |
| **II.** | **Supporting formulation and development of policy framework 2017** | | | | **1,106,590** |
| **1** | **Proactive response to natural disasters and climate monitoring** | | | | **123,410** |
| 1.1 | Formulate instructions on the formulation of a provincial-level integrated flood management plan (IFMP) | 2017 | | Consultations | 16,980 |
| Consultants | 12,620 |
| Pilot study | 11,800 |
| 1.2 | Formulate regulations on type and duration of hydrometeorological warning and forecasting bulletins, comply with the law on meteorology and hydrology | 2017 | | Consultations | 17,800 |
| Consultants | 14,230 |
| Pilot study | 8,640 |
| 1.3 | Formulate regulations on penalties for administrative violations in meteorology and hydrology | 2017 | | Consultations | 14,540 |
| Consultants | 15,000 |
| Pilot study | 11,800 |
| **2** | **Ensuring water and food security amid climate change** | | | | **81,460** |
| 2.1 | Formulate a list of prioritized water source protection corridors passed by provincial governments | 2017 | | Consultations | 20,200 |
| Consultants | 9,000 |
| Pilot study | 11,800 |
| 2.2 | Formulate and promulgate incentive mechanism on water-efficient irrigation for prioritized plants | 2017 | | Consultations | 18,240 |
| Consultants | 10,420 |
| Pilot study | 11,800 |
| **3** | **Proactive response to rising sea and natural disaster risks in vulnerable zones** | | | | **80,520** |
| 3.1 | Formulate and promulgate national coastal zoning | 2017 | | Consultations | 20,200 |
| Consultants | 9,000 |
| Pilot study | 10,200 |
| 3.2 | Formulate and promulgate instructions on coastal resource co-management to reinforce resilience to climate change [and piloted in coastal provinces] | 2017 | | Consultations | 18,200 |
| Consultants | 12,300 |
| Pilot study | 10,620 |
| **4** | **Sustainable forest management and development** | | | | **122,060** |
| 4.1 | Formulate and promulgate instructions on checking coastal protective forest master plans and reporting mechanism of local authorities on coastal forest monitoring and assessment activities | 2017 | | Consultations | 19,700 |
| Consultants | 12,230 |
| Pilot study | 9,620 |
| 4.2 | Amend and supplement the Prime Minister’s Decision No. 799/QD-TTg | 2017 | | Consultations | 18,200 |
| Consultants | 12,750 |
| Pilot study | 10,210 |
| 4.3 | Amend the law on forestry | 2017 | | Consultations | 17,700 |
| Consultants | 11,240 |
| Pilot study | 10,410 |
| **5** | **Greenhouse gas emission mitigation in the course of socio-economic development** | | | | **451,720** |
| 5.1 | Formulate planning for national biomass power projects to 2020, a vision to 2030 | 2017 | | Consultations | 18,200 |
| Consultants | 17,500 |
| Pilot study | 5,300 |
| 5.2 | Formulate planning for national wind power projects to 2020 and a vision to 2030. | 2017 | | Consultations | 18,200 |
| Consultants | 17,500 |
| Pilot study | 5,300 |
| 5.3 | Formulate circular on solar power project development and specimen power purchase agreement (PPA) in Vietnam | 2017 | | Consultations | 18,200 |
| Consultants | 10,420 |
| Pilot study | 11,800 |
| 5.4 | Formulate and promulgate standards for energy efficiency in plastics production industry | 2017 | | Consultations | 19,700 |
| Consultants | 9,540 |
| Pilot study | 11,800 |
| 5.5 | Formulate and promulgate standards for energy efficiency in paper and pulp industry | 2017 | | Consultations | 19,700 |
| Consultants | 9,540 |
| Pilot study | 11,800 |
| 5.6 | Formulate and promulgate standards for energy efficiency in food processing industry | 2017 | | Consultations | 19,700 |
| Consultants | 9,540 |
| Pilot study | 11,800 |
| 5.7 | Formulate and promulgate technical instructions on air quality management planning for urban areas in Vietnam | 2017 | | Consultations | 17,200 |
| Consultants | 11,610 |
| Pilot study | 12,800 |
| 5.8 | Formulate and promulgate procedures for licensing the discharge of industrial emissions | 2017 | | Consultations | 24,200 |
| Consultants | 5,160 |
| Pilot study | 11,800 |
| 5.9 | Formulate and promulgate regulations on air quality management planning at provincial and municipal levels | 2017 | | Consultations | 18,200 |
| Consultants | 11,520 |
| Pilot study | 11,800 |
| 5.10 | Formulate and promulgate regulations on energy labels for 9 – and lower seater cars | 2017 | | Consultations | 22,200 |
| Consultants | 13,700 |
| Pilot study | 5,300 |
| 5.11 | Formulate and promulgate criteria for green road transport trading enterprises | 2017 | | Consultations | 17,840 |
| Consultants | 12,500 |
| Pilot study | 10,350 |
| **6** | **Building capacity of the governmental agencies in response to climate change** | | | | **81,920** |
| 6.1 | Formulate regulations on roadmaps and manners of engaging in global greenhouse gas emission mitigation in accordance with socio-economic conditions and commitments to the international agreement of which Vietnam is a signatory | 2017 | | Consultations | 18,200 |
| Consultants | 10,920 |
| Pilot study | 11,800 |
| 6.2 | Paris Agreement Implementation Plan to 2030 | 2017 | | Consultations | 21,200 |
| Consultants | 14,500 |
| Pilot study | 5,300 |
| **7** | **Building community capacity in response to climate change** | | | | **83,300** |
| 7.1 | Improve and upgrade the national training framework into a national training program for staff at provincial and district levels, tertiary and graduate students from pharmacy schools, preventive health centers | 2017 | | Consultations | 17,200 |
| Consultants | 12,650 |
| Pilot study | 11,800 |
| 7.2 | Compile a set of instructions on construction of safe and resilient upper secondary schools | 2017 | | Consultations | 18,200 |
| Consultants | 12,870 |
| Pilot study | 10,580 |
| **8** | **Diversifying financial resources and increasing investment efficiency in climate change** | | | | **82,200** |
| 8.1 | Complete checking a number of selected climate change and green growth projects, with due account taken of climate change adaptation objective | 2017 | | Consultations | 21,200 |
| Consultants | 7,800 |
| Pilot study | 11,800 |
| 8.2 | Formulate instructions on design process and implementation of investment project aligned with Green Climate Fund | 2017 | | Consultations | 20,600 |
| Consultants | 17,500 |
| Pilot study | 3,300 |
| **III.** | **Capacity building** | | | | **227,580** |
| **1** | **Leadership capacity building** | | | | **186,360** |
| 1.1 | Organize strategic conference on leadership capacity building amid climate change | 02/2017 | | Participants | 38,000 |
| Speakers | 15,200 |
| Interpreters | 1,200 |
| Other expenses (venues, equipment hire, material …) | 5,000 |
| 1.2 | Organize training courses on strategy planning capacity building for leaders of policy making agencies | 09/2016 | | Participants | 17,500 |
| Lecturers | 12,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
| 1.3 | Organize training courses on change management amid climate change | 02/2017 | | Participants | 17,500 |
| Lecturers | 12,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
| 1.4 | Organize training courses on leadership skills in building climate change policies | 05/2017 | | Participants | 17,500 |
| Lecturers | 12,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
| 1.5 | Organize training courses on law enforcement | 09/2017 | | Participants | 17,500 |
| Lecturers | 12,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
| **2** | **Building capacity of agencies in charge of policy actions** | | | | **41,220** |
| 2.1 | Organize training in skills in formulating and developing policy building plans | 08/2016 | | Participants | 7,500 |
| Lecturers | 2,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
| 2.2 | Organize intersectoral conference on integration of climate change and green growth into sectoral policies | 02/2017 | | Participants | 1,200 |
| Consultants | 2,000 |
| Interpreters | 800 |
| Other expenses (venues, equipment hire, material …) | 2,000 |
| 2.3 | Organize training in skills in consolidating information for reporting | 06/2017 | | Participants | 7,500 |
| Lecturers | 2,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
| 2.4 | Organize training in capacity building for policy monitoring and evaluation activities | 08/2017 | | Participants | 7,500 |
| Lecturers | 2,100 |
| Interpreters | 1,140 |
| Other expenses (venues, equipment hire, material …) | 1,000 |
|  |  |  |  |  |  |

 [1] World Bank; the Ministry of Planning and Investment.