

No. 403/QĐ-TTg

*Hanoi, date 20 month 03 year 2014*

**DECIDE**

APPROVAL OF THE NATIONAL ACTION PLAN ON GREEN GROWTH FOR THE PERIOD 2014 - 2020

**PRIME MINISTER**

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

*Pursuant to Decision No. 1393/QĐ-TTg dated September 25, 09 of the Prime Minister approving the National Strategy on Green Growth;*

*At the request of the Minister of Planning and Investment,*

**DECIDE:**

**Article 1.** Approving the National Action Plan on Green Growth for the period 2014-2020 (hereinafter referred to as the Green Growth Action Plan), including the following principal contents:

**I. MAIN CONTENT OF ACTIVITIES**

The Green Growth Action Plan includes 04 main themes, 12 activity groups and 66 specific action tasks (Annex I attached):

1. Topic 01: Building institutions and green growth plans in the locality includes 08 activities in the following 02 groups:

a) Building institutions including 05 activities: From activities No. 01 to No. 05.

b) The local green growth plan includes 03 activities: From operation No. 06 to No. 08.

2. Topic 02: Reducing the intensity of greenhouse gas emissions and promoting the use of clean and renewable energy: Including 20 activities in the following 04 groups:

a) Economical and efficient use of energy and reduction of greenhouse gas emissions in energy-using industries including 08 activities: From operation No. 09 to No. 16.

b) Economically, efficiently and effectively use and reduce the intensity of greenhouse gas emissions in transport, including 03 activities: From operation No. 17 to No. 19.

c) Change cultivation techniques and complete management to reduce the intensity of greenhouse gas emissions in agriculture, forestry and fishery, including 06 activities: From activities No. 20 to No. 25.

d) Development of clean and renewable energy sources, including 03 activities: From operation No. 26 to No. 28.

3. Topic 03: Greening production, including 25 activities in the following 04 groups:

a) Review and propose adjustments to development strategies, master plans and plans and formulate economic restructuring plans towards green growth, including 10 activities: From activities No. 29 to No. 38.

b) Efficient and sustainable use of natural resources and development of the green economic sector, including 09 activities: From activities No. 39 to No. 47.

c) Sustainable infrastructure development includes 03 activities: From operation No. 48 to No. 50.

d) Promote the movement of "sustainable development enterprises", improve the capacity and market of technical support and management services for green growth, including 03 activities: From activities No. 51 to No. 53.

4. Topic 04: Implementing sustainable lifestyle and consumption greening: Including 13 activities in the following 02 groups:

a) Green and sustainable urban development includes 07 activities: From operation No. 54 to No. 60.

b) Promoting the implementation of a green lifestyle includes 06 activities: From activities 61 to 66.

**II. PRIORITY ACTIVITIES**

The period of 2014 - 2020 focuses on the implementation of 23 priority activities, specifically activities no. 01, 02, 03, 04, 06, 09, 16, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 47 (attached to Appendix II: List of priority activities under the green growth action plan for the period 2014 - 2020).

**III. IMPLEMENTATION SOLUTIONS**

1. Activities under the Green Growth Action Plan should be implemented synchronously and appropriately with the following contents: Raising awareness; improving institutions; changing the economic structure of sectors, localities and enterprises and new technologies.

2. Ministries, banks, localities, People's Committees of provinces, cities and relevant agencies assigned to carry out activities under the Plan on Green Housing Growth shall be responsible for offering implementation solutions according to the plan for the period 2014-2020.

### 3. Capital sources for carrying out activities:

-Capital sources, including: From the State budget in the Climate Change Response Support Program; from the resources of enterprises; from the community and from international aid.

- Ministries, sectors and localities according to their assigned functions are responsible for mobilizing and managing resources from the state budget, (including central and local), resources of state-owned enterprises, private enterprises, communities and support of international organizations.

- The State shall prioritize and allocate adequate funds from the central and local budgets for the implementation of the Green Growth Action Plan, especially for improving energy efficiency and developing renewable energy.

- The State creates a legal basis to encourage financial institutions and enterprises to invest resources to carry out the activities of the Green Chief Action Plan.

## IV. IMPLEMENTATION ORGANIZATION

1. The Green Executive Committee under the National Committee on Climate Change is the national focal point for synthesizing action programs of ministries, sectors and localities; coordinating with the Ministries of Planning and Investment, the Ministry of Finance, the Ministry of Natural Resources and Environment to develop the allocation plan; monitor and report on the implementation of the Green Growth Strategy and the Green Growth Action Plan.

2. The Ministry of Planning and Investment is the focal point agency on green growth, responsible for presiding over and communicating with concerned ministries and sectors and People's Committees of provinces and cities to organize the implementation of the Green Growth Action Plan; supervise, evaluate, inspect and summarize the implementation situation; assume the prime responsibility for, and cooperate with the Ministry of Finance and relevant ministries and sectors in, identifying and distributing domestic financial reserves and coordinating foreign funding and policy mechanisms to promote the implementation of the green growth strategy.

3. Ministries, sectors, People's Committees of provinces, cities and localities, the State Bank of Vietnam and the Vietnam Chamber of Commerce and Industry shall assume the prime responsibility for and coordinate the implementation of activities specified in Appendix I.

The agency in charge of the activities is specifically assigned as follows:

The Ministry of Planning and Investment shall assume the prime responsibility for, and coordinate the implementation of activities No. 1, 5, 7 and 29.

The Ministry of Industry and Trade shall assume the prime responsibility for and coordinate the implementation of activities No. 9, 10, 11, 13, 14, 15, 16, 26, 30, 41, 43, 46, 49 v à 62.

The Ministry of Agriculture and Rural Development shall assume the prime responsibility for, and coordinate the implementation of activities 20, 21, 22, 24, 25, 31, 40 and 50.

The Ministry of Natural Resources and Environment shall assume the prime responsibility for, and coordinate the implementation of activities 4, 28, 34, 39, 42, 45 and 47.

The Ministry of Science and Technology shall assume the prime responsibility for and coordinate the implementation of activities No. 12, 27, 35 and 36.

The Ministry of Finance shall assume the prime responsibility for, and coordinate the implementation of activities No. 3 and 64.

The Ministry of Defense shall assume the prime responsibility for, and coordinate the implementation of operation No. 8.

The Ministry of Culture, Sports and Tourism shall assume the prime responsibility for, and coordinate the implementation of activities No. 44 and 61.

The Green Growth Coordinating Committee of the National Committee on Climate Change shall preside over and coordinate the implementation of s 2.

People's Committees of provinces and cities shall assume the prime responsibility for, and coordinate in carrying out activities No. 6, 19, 23, 55, 60, 63 and 65.

People's Committees of centrally-run cities shall assume the prime responsibility for and coordinate the implementation of operation No. 59.

The Vietnam Chamber of Commerce and Industry shall assume the prime responsibility for, and coordinate the implementation of activities No. 51, 52 and 53.

The Ministry of Transport shall assume the prime responsibility for and coordinate the implementation of activities No. 17, 18, 32 and 48.

The Ministry of Construction shall assume the prime responsibility for, and coordinate the implementation of activities No. 33, 54, 56, 57 and 58.

The Ministry of Labor, War Invalids and Social Affairs shall assume the prime responsibility for, and coordinate the implementation of activity No. 38.

The State Bank of Vietnam shall assume the prime responsibility for and coordinate the implementation of operation No. 37.

The Ministry of Information and Communications shall assume the prime responsibility for, and coordinate in the implementation of activity No. 66.

4. Based on the approved Green Growth Action Plan, ministries, sectors, localities, business associations and related agencies shall, according to their assigned tasks, formulate schemes, projects and budget estimates and submit them to competent authorities for approval as a basis for determining and allocating funds in accordance with the Law on State Budget. In particular, clearly delineating tasks, schemes and projects under regular functions and tasks, ministries and sectors are responsible for arranging in the annual allocated budget estimates for implementation.

5. Ministries, sectors, localities and relevant agencies shall, according to their assigned tasks, periodically report on the implementation of the Green Growth Action Plan to the Green Growth Coordinating Board and the Ministry of Planning and Investment to compile reports and submit them to the Prime Minister and the National Committee on Climate Change before October 31 of each year.

**Article 2. This Decision takes effect from the date of signing.**

**Article 3. Ministers, heads of ministerial-level agencies, heads of government-attached agencies, presidents of people's committees of provinces and centrally-run cities shall be responsible for implementing this Decision.**

**KT. DEPUTY PRIME  
MINISTER**

**Recipients:**

- Party Secretariat;
- Prime Ministers and Deputy Prime Ministers;
- Ministries, ministerial-level agencies, agencies under the CP;
- People's Councils, People's Committees of cities directly under TW;
- Office of the Central Committee of the Party;
- Office of the General Secretary;
- Office of the President;
- The Council of Nationalities and committees of the National Assembly;
- Office of the National Assembly;
- Supreme People's Court;
- Supreme People's Procuracy;
- Central Bodies of Unions;
- Vietnam Chamber of Commerce and Industry;
- Vbb n U BQG department on green tanks;
- VPCP: Organizing Committee, các PCN, Assistant General Director, General Director of E-commerce, Departments: TH, KTTH, QHQT, KGVX, V.III, NC, TKBT;
- Save: Clerical, IA (3b).

**Hoang Trung Hai**

**APPENDIX I**

CONTENTS OF ACTIVITIES UNDER THE GREEN GROWTH ACTION PLAN 2014 - 2020  
(Issued together with Decision No. 403/QĐ-TTg dated March 20, 2014 of the Prime Minister of the Prime Minister)

Digital Operations	Activity name/field1/real-time himm/priority	Contents	Lead agency/coordinating body	Financial Resources2
1	Organizing the Coordinating Committee for the implementation of the Green Growth Strategy / Institutional Improvement / 2013 - 2015 / High.	<ul style="list-style-type: none"> <li>- Establish a Coordinating Committee for the Implementation of the Green Growth Strategy under the National Committee on Climate Change.</li> <li>- Develop and promulgate operational regulations and 5-year and annual operation plans.</li> <li>- Organize the coordination of activities, prepare annual and 5-year reports.</li> </ul>	Ministry of Planning and Investment / Ministries, People's Committees of provinces and cities.	State Budget: R  In the operating budget of the National Commission on Climate Change R.  International technical support: R
2	Complete the institutional framework to promote economic restructuring in accordance with the Green Growth Strategy / Institutional	<ul style="list-style-type: none"> <li>- Reviewing legal regulations and national strategies, detecting deviations from the orientation of green growth and proposing a process to improve the institutional framework.</li> </ul>	The Coordinating Committee for the Implementation of the Green Growth Strategy is under the National Committee on Climate	State Budget: R  In the operating budget of the National Commission on Climate Change R

	Improvement 2013 - 2014 / Cao.	<ul style="list-style-type: none"> <li>- Study and improve the state management apparatus in order to enhance coordination between agencies and organizations to implement the orientation of green growth and sustainable development.</li> <li>- Formulate and promulgate a scheme to develop mechanisms and policies on mobilization and management of resources (finance, human resources) for green growth in the period up to 2020.</li> <li>- Develop a framework of criteria for determining green growth programs and projects.</li> <li>- Develop a framework for monitoring, evaluating and reporting implementation Green growth strategy.</li> </ul>	Change/ Ministry of Planning and Investment, Ministry of Justice, Ministry of Interior, Ministry of Finance.	International technical support: R
3	Formation of the Financial Policy Framework /Institutional completion / 2013 - 2014 / High.	<ul style="list-style-type: none"> <li>- Develop a framework for national budget allocation and management policies for the implementation of the Green Growth Strategy.</li> <li>- Develop a financial policy framework (including taxes, fees, subsidies, funds, sanctions, green/sustainable development criteria for enterprises listed on the stock exchange) related to promoting the implementation of the Green Growth Strategy.</li> </ul>	Ministry of Finance/ Ministry of Planning and Investment, Ministry of Natural Resources and Environment.	State Budget: R International technical support: R
4	Raising awareness and mobilizing the participation of the whole population in the implementation of the Green Growth Strategy / Raising awareness/ 2013 - 2015 / High.	<ul style="list-style-type: none"> <li>- Organizing communication, raising awareness of green growth to agencies, offices, organizations and congresses for community groups in society.</li> <li>- Integrating knowledge to increase in green vo knowledge training programs for officials at all levels.</li> <li>- Organize mass movements to implement the content of greening production and greening lifestyles.</li> <li>- Guide and support the development of a network of technical and non-governmental organizations working in the field of promoting green growth.</li> </ul>	Ministry of Natural Resources and Environment/ Ministry of Education and Training, Ministry of Information and Communications, Local and Regional Media (newspapers, radio and television), Vietnam Union of Science and Technology Associations, Vietnam Communist Youth Union, Vietnam Women's Union, Vietnam General Confederation of Labor, People's Committees of provinces and centrally-run cities, Vietnam Chamber of Commerce and Industry, industry associations related to green growth and sustainable development.	State Budget: R Climate change response support: R. Sources:R. International technical support: R.
5	Participate in international activities to promote and	- Discuss and sign international agreements on cooperation in	Ministry of Planning and Investment/ Ministry of	State Budget: R

	share experiences in implementing green growth / Institutional improvement, Awareness raising / 2013 - 2020.	<p>implementing green growth strategies.</p> <ul style="list-style-type: none"> <li>- Attend important international conferences, seminars and events related to the promotion of green growth.</li> <li>- Organize activities to share experiences in implementing green growth with other countries.</li> <li>- Establish international cooperation mechanisms on clean technology transfer and human resource training for green growth and sustainable development.</li> </ul>	Foreign Affairs, Ministry of Science and Technology, Ministry of Industry and Trade, Ministry of Agriculture and Rural Development, People's Committees of provinces and cities, Vietnam Chamber of Commerce and Industry, Vietnam Union of Science and Technology Associations, Vietnam General Confederation of Labor.	International technical support: R.
6	We respect the development of green growth plans/action programs in some provinces and cities. Summing up and scaling up/ Improving institutions, Raising awareness/ Between 2014 and 2017/ High.	<ul style="list-style-type: none"> <li>- Develop a guiding framework for integrating green growth into sectoral and local socio-economic development plans and plans.</li> <li>- Guide the pilot development of action plans to implement green growth strategies in a number of provinces and cities typical of large regions.</li> <li>- Tdrive draws experience. Dissemination, sharing of experiences among localities.</li> </ul>	People's Committees of provinces and cities/	State Budget: R International technical support: R.
7	The organization piloted a number of green growth implementation models / Institutional improvement, Awareness raising / 2015-2020.	<ul style="list-style-type: none"> <li>- Develop schemes and implement experiments on a number of small-scale green growth models in some provinces and cities for large areas.</li> <li>- Tdrive draws experience. Disseminate and share experiences among localities.</li> </ul>	Ministry of Planning and Investment/ UBND provinces and cities	State budget: P Community Resources: R International technical support: R.
8	Implementing a number of green growth models in border, coastal and island areas / Structural change / 2015 - 2020.	<ul style="list-style-type: none"> <li>- Summing up experiences, continuing to invest and implement projects to provide solar energy, wind energy, water purification, clean water supply and wastewater treatment for people in coastal areas, islands and border areas.</li> <li>- Implement projects on planting and protecting forests in border belts, coastal mangroves and islands.</li> </ul>	Ministry of Planning and Investment, Ministry of Natural Resources and Environment.	State Budget R. Community resources: R. International technical support: R.
9	Reviewing and adjusting national energy strategies and planning oriented to green growth / Institutional improvement / End of 2013 - 2015 / High.	<ul style="list-style-type: none"> <li>- Evaluate the results of 05 years of implementation of the "National Energy Development Strategy to 2020, Vision to 2050", review and adjust the energy structure to ensure energy security in the context of the world economic crisis and climate change.</li> <li>- Develop plans for the implementation of the National Energy Strategy for the period 2014-2020 and policies towards the synchronous development of</li> </ul>	Ministry of Industry and Trade/ Ministry of Planning and Investment, Ministry of Science and Technology, Ministry of Finance, Vietnam Energy Association, Vietnam Academy of Science and Technology.	State budget: R. International technical support: R.

		energy sources; economical exploitation and use of domestic energy sources; reducing dependence on imported petroleum products; gradually reducing the amount of coal exported and importing a reasonable amount of coal; connection with the energy system of neighboring countries.		
10	Completing the legal framework on economical and efficient use of energy / Completing restrictions / 2014 - 2020.	<ul style="list-style-type: none"> <li>- Continue to improve the legal framework on economical and efficient use of energy in industrial production, in the management of construction works, in daily life and for equipment used in quantity.</li> <li>- Complete the regulatory framework for managing electricity demand.</li> <li>- Develop and apply policies, state management tools and economic tools to promote the reduction of fossil energy consumption, encourage the transition to clean and renewable forms of energy. Shortening the roadmap to eliminate subsidies for fossil energy production and consumption</li> </ul>	Ministry of Industry and Trade/ Ministry of Planning and Investment, Ministry of Transport, Ministry of Construction, Ministry of Agriculture and Rural Development, Ministry of Finance, Vietnam Chamber of Commerce and Industry, Vietnam Energy Association.	State budget: R. International technical support: R.
11	Raising awareness of the whole population about economical and efficient use of energy / Raising awareness / 2013 - 2020.	<ul style="list-style-type: none"> <li>- Strengthening the work of propaganda, raising awareness to the majority of people, businesses, agencies and offices; building awareness of regularly using energy economically and efficiently, protecting the environment.</li> <li>- Integrate energy knowledge into education and training programs.</li> </ul>	Ministry of Industry and Trade/ Vietnam Chamber of Commerce and Industry, Vietnam Energy Association, Ministry of Education and Training, Ministry of Information and Communications, Voice of Vietnam, Vietnam Television, Vietnam Union of Science and Technology Associations, Vietnam Communist Youth Union, Vietnam Women's Union, Vietnam General Confederation of Labor, People's Committees of provinces and centrally run cities.	State budget: R. Community Resources: R International technical support: R.
12	Development of energy saving technologies and techniques / Institutional improvement, Structural changes.	<ul style="list-style-type: none"> <li>- Develop and implement investment and technical support policies for domestic manufacturers to develop and widely use high-efficiency energy equipment, gradually replace low-efficiency equipment, eliminate equipment with outdated technology.</li> <li>- Develop and promulgate national standards on the quality of energy</li> </ul>	Ministry of Science and Technology/ Ministry of Industry and Trade, Ministry of Transport, Ministry of Construction, Ministry of Agriculture and Rural Development, Ministry of Natural Resources and Environment, Vietnam Union of Science and Technology	State budget: R. Nribbed local books: R. Resources:R. International technical support: R.

		<p>equipment.</p> <ul style="list-style-type: none"> <li>- Develop and implement policies to promote the development of the energy-saving technology market.</li> </ul>	<p>Associations, Vietnam Chamber of Industry and Commerce, Vietnam Energy Association, People's Committees of provinces and cities.</p>	
13	<p>Promulgating minimum energy efficiency standards and energy labeling for products / Institutional improvement, Technological innovation / 2013 -2020.</p>	<ul style="list-style-type: none"> <li>- Continue to build and promulgate energy efficiency standards.</li> <li>- Quickly follow the roadmap for mandatory energy labeling for production equipment and household goods.</li> <li>- Apply early and strictly comply with minimum energy efficiency standards for imported equipment and household goods.</li> </ul>	<p>Ministry of Industry and Trade/ Ministry of Science and Technology, Ministry of Transport, Ministry of Construction, Ministry of Agriculture and Rural Development, General Department of Customs, Vietnam Energy Association, Association of Small and Medium Enterprises, Vietnam Cooperative Alliance, Vietnam Chamber of Industry and Commerce, Vietnam Union of Science and Technology Associations, Vietnam Consumer Protection Association, People's Committees of provinces and cities.</p>	<p>State budget: R.</p> <p>The power of the business: R.</p> <p>International technical support: R.</p>
14	<p>Improve energy efficiency in businesses in energy-intensive industries/New technology. Completed/ 2015 - 2020.</p>	<ul style="list-style-type: none"> <li>- Apply advanced standards and technical norms to improve energy efficiency in production and business activities of enterprises in industries that use energy (electricity, cement, steel, textile fibers).</li> <li>- Replace coal and gasoline with fuels with less carbon content such as gas, biomass fuel, biogas in boilers, industrial incinerators.</li> </ul>	<p>Ministry of Industry and Trade/ Ministry of Science and Technology, Ministry of Transport, Ministry of Natural Resources and Environment, Vietnam Chamber of Industry and Commerce, Vietnam Energy Association, People's Committees of provinces and cities, corporations, industrial, construction and transportation corporations.</p>	<p>Enterprise resources: R.</p> <p>International technical support: R.</p>
15	<p>Improving energy efficiency in small and medium enterprises / New technology / 2015 -2020.</p>	<ul style="list-style-type: none"> <li>- Support small and medium-sized manufacturing and service enterprises to upgrade, improve, streamline technology lines and improve energy use management economically and efficiently.</li> </ul>	<p>Ministry of Industry and Trade/ Ministry of Science and Technology, Ministry of Transport, Ministry of Construction, Ministry of Agriculture and Rural Development, Association of Small and Medium Enterprises, Vietnam Cooperative Alliance, Vietnam Energy Association, Vietnam Chamber of Commerce and Commerce, People's Committees of provinces and cities.</p>	<p>State budget: R.</p> <p>Enterprise resources: R.</p> <p>International technical support: R.</p>

16	Improving energy management capacity in industry and construction / Completing institutionalization / 2013 -2015 / High.	<ul style="list-style-type: none"> <li>- Training and certification of energy management and energy auditing for staff in the field of industrial production and management of the use of construction works.</li> </ul>	Ministry of Industry and Trade/ Ministry of Construction, People's Committees of provinces and cities, Vietnam Energy Association, Vietnam Chamber of Industry and Commerce.	<p>State budget: R.</p> <p>Resources of doanh karma: R.</p> <p>International technical support: R.</p>
17	Change the structure to use energy economically and efficiently in transportation / Structural change, Institutional improvement, Technological innovation / 2014-2020.	<ul style="list-style-type: none"> <li>- Develop and implement investment policies, taxes and economic tools to develop a diversified transportation system to meet transportation needs, save fuel, and limit environmental pollution.</li> <li>- Optimize transport routes and means of transport to improve energy efficiency and limit congestion.</li> <li>- Implement approved schemes on environmental pollution control and emission control of automobiles and motorcycles.</li> </ul>	Ministry of Transport/ Ministry of Planning and Investment, Ministry of Science and Technology, Ministry of Finance, People's Committee of cities, Vietnam Energy Association, Vietnam Chamber of Industry and Commerce.	<p>State Budget: R.</p> <p>Local Budget: R.</p> <p>Enterprise resources: R.</p> <p>International technical support: R.</p>
18	Technological innovation for economical and efficient use of energy in transportation / Technological innovation, Institutional improvement / 2014-2020.	<ul style="list-style-type: none"> <li>- Strong application of new technologies, the use of renewable energy, low-emission fuels for greenhouse gases and transportation.</li> <li>- Synchronously implement measures to manage fuel quality, emission standards, and vehicle maintenance.</li> </ul>	Ministry of Transport/ Ministry of Science and Technology, Ministry of Planning and Investment, Ministry of Finance, Ministry of Natural Resources and Environment, People's Committees of provinces and cities, Vietnam Energy Association, Vietnam Chamber of Industry and Commerce.	<p>State budget: R.</p> <p>Enterprise resources: R.</p> <p>International technical support: R.</p>
19	Development of public transport towards greening / Technological innovation, Structural change / 2014 - 2020.	<ul style="list-style-type: none"> <li>- Invest in the development of clean and efficient public transport.</li> <li>- Encourage all economic sectors to invest in the development and use of public transport services with good quality.</li> </ul>	People's Committees of provinces, cities/ Ministry of Transport, Ministry of Planning and Investment, Ministry of Finance, Local Transport Association.	<p>State Budget: R</p> <p>Local Budget: R</p> <p>Enterprise resources: R.</p> <p>International technical support: R.</p>
20	Apply organic farming techniques and improve management level to reduce greenhouse gas emissions / Technological innovation / 2013 -2020.	<ul style="list-style-type: none"> <li>- Use high-yielding rice varieties to reduce greenhouse gas emissions.</li> <li>- Apply water-saving irrigation processes in the production of rice and other crops, using seeds, chemical fertilizers, pesticides, and animal feed to improve the competitiveness of agricultural production and reduce greenhouse gas emissions.</li> <li>- Application of compost in the cultivation of rice and other crops.</li> </ul>	Ministry of Agriculture and Rural Development (Vietnam Academy of Agricultural Sciences)/ Ministry of Science and Technology, Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities, Vietnam Farmers' Union.	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>
21	Reuse, recycling by-products, agricultural waste / Technological innovation,	<ul style="list-style-type: none"> <li>- Private support for research projects, experiments and dissemination of technology for</li> </ul>	Ministry of Agriculture and Rural Development/ Ministry of Science and	<p>State budget: R.</p> <p>Business and</p>



	Institutional improvement, Structural change / 2013 -2020.	<p>processing and reusing additives, agricultural waste to create animal feed, mushrooms, industrial raw materials, biogas, biochar, biochar, Organic fertilizers are formed and developed in the agricultural by-product recycling industry, improving production value and reducing pollution emissions.</p> <p>- Develop and promulgate policies to encourage recycling of agricultural by-products and waste products.</p>	Technology, Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities.	<p>community resources: R</p> <p>International technical support: R.</p>
22	Researching and applying the dissemination of nutritious feed in livestock production to increase the attractiveness of livestock, reduce greenhouse gas emissions, increase the quality of clean livestock products and improve economic efficiency / Technological innovation, Institutional improvement, Structural change/ 2013 -2020.	<p>- Research and develop nutritional foods to increase absorption capacity, shorten the time to raise livestock and poultry.</p> <p>- Building models of application of nutrient-rich feed in cattle and poultry farming.</p> <p>- Training and raising awareness for the community in the application of rich foods.</p> <p>- Develop and promulgate policies to encourage investment in the production and use of nutrient-rich feed for the livestock industry.</p>	Ministry of Agriculture and Rural Development(Vietnam Institute of Animal Husbandry)/ Ministry of Science and Technology, Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities.	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>
23	Forest conservation, forest quality improvement and sustainable forest resource management / Structural change, Institutional improvement / 2013 - 2020.	<p>-Accelerate the progress of afforestation and reforestation projects, encourage enterprises to invest in economic afforestation to increase forest cover rates, improve forest quality, increase forest absorption capacity, increase biomass to increase carbon storage and ensure the supply of production and consumption. use.</p> <p>- Development of open land forests, bare hills, mangroves, sand barrier forests, riverine breakers, and bibliophiles</p> <p>- Develop and implement programs on reducing greenhouse gas emissions through efforts to limit deforestation and forest degradation (REDD+), sustainable forest management, combining with maintaining and diversifying population livelihoods in regions and localities, supporting adaptation to climate change.</p> <p>- Develop and widely implement policies to mobilize the participation of socio-economic sectors in the conservation and sustainable development of forests and natural ecosystems.</p>	People's Committees of provinces, cities/ Ministry of Agriculture and Rural Development, Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities.	<p>Enterprise and community resources: R</p> <p>International technical support: R.</p>
24	New technology in fishing,	- Adjust the engine of boats	Ministry of Agriculture	The power of

	aquaculture and seafood processing / Technological innovation, Structural change/ 2014 - 2020.	<p>to save fuel. Improve lighting technology in fishing to improve production and save energy.</p> <ul style="list-style-type: none"> <li>- Adopt advanced aquaculture processes to save feed, energy and reduce organic waste emissions.</li> <li>- Apply technological measures and organize production to reduce pollution in seafood processing enterprises.</li> </ul>	and Rural Development (General Department of Water Resources and Environment) / Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities.	business and community: R International technical support: R
25	Improving energy efficiency and reducing pollution in craft villages and non-agricultural production activities in rural areas / Technological innovation, Structural change/ 2014 - 2020.	<ul style="list-style-type: none"> <li>- Support businesses and households to innovate technology and equipment to improve energy efficiency in production in craft villages and industry establishments in rural areas.</li> <li>- Carry out the prevention of environmental pollution, ensure labor safety in craft villages and industry establishments in rural areas.</li> <li>- Development of non-agricultural industries and enterprises in rural areas must go hand in hand with the construction of concentrated industrial zones and clusters with sufficient infrastructure to limit the potential for pollution.</li> </ul>	Ministry of Agriculture and Rural Development/ Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities, Vietnam Association of Craft Villages.	State Budget: R Business and community resources: R International technical support: R.
26	Develop and implement policies to develop clean energy sources. Institutional completion/ 2013 - 2014/ High.	<ul style="list-style-type: none"> <li>- Review and propose to adjust the master plan for development of hydropower plants.</li> <li>- Develop investment policies, taxes, prices and market economic tools to encourage the extraction and use of natural gas.</li> <li>- Promulgate and supervise the implementation of economic policies to promote the production and consumption of new forms of energy (solar, wind, tidal, geothermal, biomass, biological energy ...).</li> <li>- Support investment to form the machinery manufacturing industry and provide domestic services for new energy.</li> </ul>	Ministry of Planning and Investment, Ministry of Science and Technology, Ministry of Natural Resources and Environment, Ministry of Finance, People's Committee of provinces and cities.	State budget: R.
27	Support research and development of new energy sources (wind, solar, tidal, geothermal, biomass, biofuel...)/ Technological innovation, Structural change/ 2014 - 2020.	<ul style="list-style-type: none"> <li>- Supporting investment in programs to investigate, research, manufacture, and build new and renewable energy projects</li> <li>- Protection of false rights for inventions and technical innovations of value in the field of new and renewable energy to promote the formation of the renewable energy technology market.</li> </ul>	Ministry of Science and Technology/ Ministry of Planning and Investment, Ministry of Industry and Trade, Ministry of Agriculture and Rural Development, Ministry of Natural Resources and Environment, Ministry of Finance, People's Committee of provinces	State budget: R. Resources of enterprises: R. International technical support: R.

		<ul style="list-style-type: none"> <li>- Support the purchase of patents, inventions, know-how in the field of renewable energy.</li> <li>- Preferential tax on import of equipment, new technologies, production tax, circulation of equipment.</li> </ul>	and cities, Vietnam Energy Association.	
28	Institutional improvement of clean air. Inventory, monitoring of greenhouse gas emissions and management of activities to reduce greenhouse gas emissions / Institutional improvement / 2013 - 2015 / High.	<ul style="list-style-type: none"> <li>- Investigate, evaluate and develop a policy and legal framework on clean air.</li> <li>- Increase staff capacity, form a database to carry out greenhouse gas inventories.</li> <li>- Strengthen coordination across sectors to regularly monitor emissions and manage greenhouse gas emission reduction activities.</li> </ul>	Ministry of Natural Resources and Environment/ Ministry of Science and Technology, Ministry of Industry and Trade, Ministry of Transport, Ministry of Construction, Ministry of Agriculture and Rural Development, People's Committees of provinces and cities	State budget: R. International technical support: R.
29	Review and propose adjustment of socio-economic development plans from the perspective of sustainable development and develop a project to restructure the economy towards green growth for the period 2014 - 2020 / Structural change / End of 2013 - 2014 / High.	<ul style="list-style-type: none"> <li>- Assessing the economic development situation in the period from 2000-2013 according to the "brown" growth model from the point of view of sustainable development.</li> <li>- Reviewing and proposing adjustments to the socio-economic development planning of key economic regions, economic zones and economic corridors; planning for the development of economic sectors, especially those with strong impacts on the environment, in order to ensure sustainable industry development, ensure economical use of natural resources, control pollution and manage waste effectively.</li> <li>- Develop a project to restructure the economy towards green growth for the period 2014 - 2020.</li> </ul>	The Ministry of Planning and Investment/Steering Committees of key economic regions and large regions, ministries and People's Committees of provinces and cities, the Party Central Economic Committee, the Vietnam Academy of Social Sciences, the Vietnam Academy of Science and Technology.	State budget: R.
30	Review and recommend adjustment of industry development plans from the point of view of sustainable development and develop a policy framework and action plan for green growth of the industry for the period 2014 -2020/ Structural change/ 2013 -2014/ High.	<ul style="list-style-type: none"> <li>- Assess the industrial development situation in the period from 2000-2013 according to the "brown" growth model from the point of view of sustainable development.</li> <li>- Review and propose adjustments to the master plan for the development of sectors and sub-sectors, especially those with strong impacts on the environment, in order to ensure sustainable sectoral development, ensure economical use of natural resources, control pollution and manage waste effectively.</li> <li>- Develop the Green Industry Policy Framework and the Green Growth Action Plan of the industry</li> </ul>	Ministry of Industry and Trade/ Ministry of Planning and Investment, Ministry of Finance, People's Committees of provinces and cities, Vietnam Chamber of Commerce and Industry, Industry Associations.	State budget: R. International technical support: R.

		for the period 2014- 2020, including 2 basic indicators: Reducing energy consumption per GDP and Reducing the intensity of greenhouse gas emissions in major manufacturing sectors compared to 2010 levels (According to the Updated National Notice), with 2 scenarios with/without international support.		
31	Review and propose adjustments to the development plans of the agriculture, forestry and fishery sector from the point of view of sustainable development and develop a policy framework and action plan for green growth of the agriculture, forestry, fishery and rural development sectors in the period of 2014 - 2020 / Structural change / 2013 - 2014 / Cao.	<ul style="list-style-type: none"> <li>- Assessing the situation of agricultural and rural development from 2000 to 2013 from the perspective of sustainable development.</li> <li>- Review and propose adjustments to the master plan for development of sectors and subdivisions in order to ensure sustainable industry development, ensure economical use of natural resources, control pollution and manage waste effectively.</li> <li>- Develop the Green Agriculture and Rural Development Policy Framework and the Green Growth Action Plan of the agriculture, forestry, fisheries and rural development sectors for the period 2014-2020, which have 2 basic indicators: Reducing energy consumption per GDP and Reducing the intensity of greenhouse gas emissions in major manufacturing sectors compared to with 2010 levels (National Notification Updated), with 2 scenarios with/without international support.</li> <li>- Integrating green growth actions into the development planning of industrial sectors in the period of 2014 - 2020.</li> </ul>	Ministry of Agriculture and Rural Development/ Ministry of Planning and Investment, Ministry of Finance, People's Committees of provinces and cities, Associations of agriculture, forestry and fishery industries.	State budget: R.

32	<p>Review and propose adjustments to transport sector development plans from the perspective of sustainable development and develop a policy framework and action plan for green growth of the transport sector in the period of 2014 - 2020 / Structural changes / 2013 - 2014 / High.</p>	<ul style="list-style-type: none"> <li>- Assess the development of transport in the period from 2000 to 2013 from the point of view of sustainable development.</li> <li>- Review and propose adjustments to the planning for the development of sectors and sub-sectors in order to ensure sustainable industry development, ensure economical use of natural resources, control pollution and manage waste effectively.</li> <li>- Develop the Green Transport Policy Framework and the Green Growth Action Plan of the transport sector for the period 2014 - 2020, including 2 basic indicators: Reducing energy consumption per GDP and Reducing the intensity of greenhouse gas emissions in key industries compared to 2010 levels (According to the updated National Announcement), with 2 scenarios with/without international support.</li> </ul>	<p>Ministry of Transport / Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities, Transport industry associations.</p>	<p>State Budget: R Operating funds of the Ministry of R.</p>
33	<p>Review and recommend adjustment of construction industry development plans from the perspective of sustainable development and develop a policy framework and action plan for green growth of the construction industry in the period of 2014 - 2020 / Structural changes / 2013 - 2014 / High.</p>	<ul style="list-style-type: none"> <li>- Assessing the development situation in the period from 2000 to 2013 from the point of view of sustainable development.</li> <li>- Review and adjust regulations on the development of sectors and sub-sectors in order to ensure sustainable industry development, ensure economical use of natural resources, control pollution and manage waste effectively.</li> <li>- Develop the Green Urbanization Policy Framework and the Green Growth Action Plan of the construction industry in the period of 2014-2020, including 2 basic indicators: Reducing energy consumption per GDP and Reducing the intensity of greenhouse gas emissions in major manufacturing sectors compared to 2010 levels (According to the Updated National Notice), with 2 scenarios with/without international support.</li> </ul>	<p>Ministry of Construction/ Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities, General Associations, associations of construction, urban planning, spatial planning, architecture.</p>	<p>State budget: R.</p>

34	Review and recommend adjustment of natural resources and environment development plans from the perspective of sustainable development and develop a policy framework and action plan for green growth of the natural resources and environment sector in the period of 2014 -2020 / Structural change / 2013 -2014 / High.	<ul style="list-style-type: none"> <li>- Assess the situation of exploitation, use of resources and environmental protection in the period from 2000 to 2013 according to the "brown" growth model.</li> <li>- Review and propose adjustments to sectoral development plans and sub-sectors in order to ensure sustainable industry development, ensure economical use of natural resources, control pollution and manage waste effectively.</li> <li>- Develop a policy framework and action plan for green growth of the natural resources and environment sector in the period of 2014 - 2020.</li> </ul>	Ministry of Natural Resources and Environment/ Ministry of Planning and Investment, Ministry of Finance, People's Committees of provinces and cities, Associations for the Protection of Nature, Natural Resources and Environment, K Academy HXH VN and Vietnam Academy of Science and Technology.	State budget: R.
35	Review and propose adjustments to science and technology development strategies and plannings from the perspective of sustainable development and develop a policy framework and action plan for scientific and technological development to meet the green growth requirements of the economy in the period of 2014 - 2020 / Structural change/ 2013 -2014 / High.	<ul style="list-style-type: none"> <li>- Assess the situation of scientific and technological development in the period from 2000 to 2013 and the role of science and technology in sustainable development.</li> <li>- Review and propose adjustments to strategies and plannings for development in areas, scientific and technological research and implementation establishments.</li> <li>- Develop a project to structure the economy towards green growth for the period 2014 - 2020.</li> <li>- Develop a policy framework to support the development of green technology and an action plan for the development of science and technology to meet the green growth requirements of the economy in the period of 2014 - 2020.</li> </ul>	Ministry of Science and Technology/ Ministry of Planning and Investment, Ministry of Education and Training, People's Committees of provinces and cities, Vietnam Academy of Social Sciences and Sciences Academy, Union of Science and Technology Associations.	State budget: R.
36	Support and encourage research, respect and investment in applying green technology /New technology, Institutional improvement / 2013 - 2020 / Cao.	<ul style="list-style-type: none"> <li>- Focusing on investment in research and development of important green technologies: green energy, materials and construction, transportation mechanics, agro-forestry-biological technology, green chemistry, substance treatment.</li> <li>- Promulgate policies to encourage domestic and foreign enterprises to invest in the field of green economy, research and localize green technology.</li> </ul>	Ministry of Science and Technology/ Ministry of Industry and Trade, Ministry of Transport, Ministry of Construction, Ministry of Agriculture and Rural Development, Ministry of Natural Resources and Environment, People's Committees of provinces and cities, Vietnam Academy of Science and Technology, Union of Science and Technology Associations, Related industry associations.	State budget: R. Business and community resources: R
37	Complete institutionalization and strengthen the capacity of financial and credit	- Review, adjust and improve financial and credit constraints to suit the green	State Bank of Vietnam/ Ministry of Finance,	State budget: R. Business and

	activities of commercial banks for green growth / Institutional improvement, capacity building / 2013 - 2020 / High.	<p>growth goals.</p> <ul style="list-style-type: none"> <li>- Organize training and training to enhance the capacity of commercial banks and financial institutions in green finance and credit activities.</li> <li>- Building and developing financial and banking services to support businesses to realize green growth.</li> </ul>	State Treasury.	<p>community resources: R</p> <p>International technical support: R.</p>
38	Support human resource training in the field of green jobs / Capacity building, Improvement of restrictions / 2013 - 2020.	<ul style="list-style-type: none"> <li>- Support the training of technical human resources in professions in the green economy sector.</li> <li>- Promulgate policies to encourage green job creation.</li> </ul>	Ministry of Labor, War Invalids and Social Affairs/ Ministry of Industry and Trade, Ministry of Transport, Ministry of Construction, Ministry of Education and Training, People's Committees of provinces and cities, Vietnam General Confederation of Labor.	<p>State budget: R.</p> <p>Corporate and community resources: P.</p> <p>International technical support: R.</p>
39	Combating land degradation, efficient and sustainable use of land resources / Institutional improvement / 2013 - 2014 / High.	<ul style="list-style-type: none"> <li>- Assessment of land resource use in the period 2000-2013.</li> <li>- Review and evaluate the suitability of the current institutional system (legal and institutional) with the requirements of the green growth model.</li> <li>- Develop a policy framework and action plan on land use and development towards green growth to 2020 and vision to 2050.</li> <li>- Research solutions to apply agro-forestry-fishery production systems in different eco-regions to ensure the efficiency of socio-economic development and environmental protection.</li> <li>- Integrate national policies with international action plans on anti-degradation and sustainable land use.</li> <li>- Disseminate and guide the people to apply measures to protect and enrich land resources.</li> </ul>	Ministry of Natural Resources and Environment/ Vietnam Union of Science and Technology Associations, Vietnam Land Science Association, Ministry of Planning and Investment, Provincial People's Committees.	<p>State Budget: R</p> <p>Operating funds of ministries and localities. R</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>
40	Efficient and sustainable use of water resources. Institutional completion/ 2013 - 2014/ High.	<ul style="list-style-type: none"> <li>- Statistics and assessment of the use of water resources in the period 2000 - 2013.</li> <li>- Review and evaluate the suitability of the current institutional system (legal and institutional) with the requirements of the green growth model.</li> <li>- Develop integrated management of river basins, watersheds and groundwater to protect land and water for irrigation development, maintain ecological balance and</li> </ul>	Ministry of Agriculture and Rural Development/ National Council for Water Resources, Ministry of Science and Technology, Vietnam Union of Science and Technology Associations, Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Vietnam Irrigation Association,	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>

		<p>regulate the mutual impacts between deltas and mountainous areas.</p> <ul style="list-style-type: none"> <li>- Develop a policy framework and action plan on water resource use and development towards green growth to 2020 and vision to 2050.</li> <li>- Improve the capacity of local government agencies and communities to manage and monitor water use. Mobilize the broad participation of water beneficiaries in operational planning and financing of infrastructure.</li> <li>- Strengthen international cooperation in the use, management and protection of common water resources between Vietnam and neighboring countries.</li> </ul>	Vietnam Association of Dams and Water Resources Development.	
41	Efficient and sustainable use of mineral resources / Institutional improvement / 2013 - 2014 / High.	<ul style="list-style-type: none"> <li>- Statistics and assessment of the use of mineral resources in the period 2000 - 2013.</li> <li>- Review and evaluate the suitability of the current institutional system (legal and institutional) with the requirements of the green growth model.</li> <li>- Develop a policy framework and action plan on the use and development of mineral resources towards green growth to 2020 and a vision to 2050.</li> <li>- Strengthen the management system of mineral resources at the central and local levels.</li> <li>- Develop long-term plans for the exploitation, use, export, import, reserve and conservation of mineral resources that are weak to the economy.</li> </ul>	Ministry of Industry and Trade/ Ministry of Natural Resources and Environment, Ministry of Science and Technology, Vietnam Union of Science and Technology Associations, Vietnam General Association of Natural Resources, Ministry of Planning and Investment.	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>
42	Encourage and support the rapid development of ecological product manufacturing industries / Structural change, Institutional improvement / 2013 -2014 / High.	<ul style="list-style-type: none"> <li>- Develop and promulgate standards on eco-labeled products. The types of products and services considered for labeling in the period of 2013 - 2020 are: construction materials; food and food; transportation; energy; computers and office machines; textiles; paper and printing; furniture; detergents; medical equipment.</li> <li>- Implement preferential economic policies (credit land lease, collection) for production and encourage the consumption of ecological products.</li> <li>- Formulate and promulgate</li> </ul>	Ministry of Natural Resources and Environment/ Ministry of Industry and Trade, Ministry of Planning and Investment, Ministry of Agriculture and Rural Development, People's Committees of provinces and cities, Vietnam Union of Science and Technology Associations, Vietnam Chamber of Commerce and Industry, Vietnam Union of Cooperatives, Industry Associations.	State budget: R.



		<p>special economic and technical support policies and encourage all businesses and individuals to apply high technology to promote and sustainably develop some key traditional green products that Vietnam has strengths such as herbal medicine, agroforestry and fishery ecological products, food, handicrafts, consumer goods and textiles from local raw materials.</p>		
43	<p>Using complex drives to turn cleaner production methods in industry / New technology, Complete institutions / 2013 -2020.</p>	<ul style="list-style-type: none"> <li>- Propagating and raising awareness of cleaner production for industrial production enterprises and related subjects; by 2020, 90% of enterprises will be more aware of production.</li> <li>- Technical support for cleaner production at industrial production enterprises; by 2020, 50% of establishments will apply cleaner production measures.</li> <li>- Improve the capacity to implement, advise and guide the application of cleaner products for enterprises, state managers and technical consulting organizations.</li> <li>- Improve institutions to promote clean production in industry.</li> </ul>	<p>Ministry of Industry and Trade/ Ministry of Science and Technology, People's Committees of provinces and cities, Vietnam Chamber of Commerce and Industry, Industry Associations.</p>	<p>State budget: R.</p> <p>Resources of the doanh and the community: R</p> <p>International technical support: R</p>
44	<p>Ecotourism development/ Structural change, Institutional improvement/ 2013 - 2020.</p>	<ul style="list-style-type: none"> <li>- To improve, encourage investment and foster human resources to develop ecotourism for the purpose of creating jobs and increasing incomes for people, and at the same time improving the quality of landscape and environment in localities.</li> </ul>	<p>Ministry of Culture, Sports and Tourism/ Ministry of Planning and Investment, Ministry of Agriculture and Rural Development, People's Committees of provinces and cities, Vietnam Tourism Association.</p>	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>
45	<p>Strong recycling and reuse of domestic wastes / Structural change, Institutional improvement / 2013 -2020.</p>	<ul style="list-style-type: none"> <li>- Develop and promulgate the Law on Recycling, considering domestic waste as a resource towards minimizing the amount of waste that must be treated by landfill.</li> <li>- Promulgate policies to encourage the development of an environmentally friendly modern redevelopment industry.</li> <li>- Provide technical and financial support to diversify recycling activities in craft villages by 2020, eliminate all old technologies that are outdated, toxic to workers' health and pollute the environment in recycled craft villages.</li> <li>- Applying technology for composting and recycling waste into energy, construction materials and microbial fertilizers in economic zones, industrial and</li> </ul>	<p>Ministry of Natural Resources and Environment/Department of Industry and Trade, Ministry of Science and Technology, Ministry of Construction, People's Committee of cities and cities.</p>	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>

		urban clusters.		
46	Promoting the production of goods and services/ Structural change, Institutional improvement / 2013 - 2020.	<ul style="list-style-type: none"> <li>- Formulate schemes for the development of anti-pollution production and services, environmental restoration and improvement, creating more jobs in urban and rural areas.</li> <li>- Institutional improvements to shift the majority of environmental production and services from public utility and subsidized activities to market principles in a dynamic and efficient manner.</li> <li>- Localities develop policies to prioritize and support green economic sectors to develop, integrate with development and poverty reduction programs, improve the amount of landscape and environment.</li> </ul>	Ministry of Industry and Trade/ Ministry of Natural Resources and Environment, Ministry of Science and Technology, Ministry of Construction, Ministry of Agriculture and Rural Development, People's Committees of provinces and cities.	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>International technical support: R.</p>
47	Development of natural capital/ Institutional completion/ 2013 - 2015/ High.	<ul style="list-style-type: none"> <li>- Researching and promulgating mechanisms and policies for therecovery and development of natural capital sources; encourage all economic sectors to invest inecosysteminfrastructure, conservation and restoration in degraded ecosystems.</li> <li>- Develop and implement long-term plannings on the exploitation, use, reserve and conservationof the country's key resources.</li> <li>- Adopt an integrated management approachand strengthen the management apparatus of watersheds and ecosystems.</li> <li>- Building a green account system through thecollection of natural capital prices.</li> <li>- Strengthen monitoring of biodiversity and ecosystem services.</li> </ul>	Ministry of Natural Resources and Environment/ Ministry of Science and Technology, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities.	<p>State budget: R.</p> <p>Business and community resources: R</p> <p>Technical support:R.</p>
48	Improving and developing transport infrastructure in a sustainable way / Structural change, Industrial innovation / 2013 -2020.	<ul style="list-style-type: none"> <li>- Increase investment in upgrading water transport systems and networks, highways and roads on the basis of energy saving, economic efficiency, high environment, ability to withstand climate change, meet socio-economic development requirements.</li> <li>- Develop high-importance transport systems, connecting with economic centers and large-scale commodity-focused production areas through investment inpublic transport with modern technology and</li> </ul>	Ministry of Transport/ Ministry of Planning and Investment, Ministry of Science and Technology, People's Committees of provinces and cities.	<p>State budget: R.</p> <p>Resources of businesses and communities: R</p> <p>International technical support: R</p>

		technology.		
49	Improve and develop energy infrastructure in the direction of sustainability / Technological innovation / 2013 - 2020.	<ul style="list-style-type: none"> <li>- Develop and ensure sufficient supply of electricity demand in the country, improve the power supply network and use it efficiently.</li> <li>- Innovating production and distribution technologies and improving electricity consumption efficiency to reduce the electricity elasticity factor/GDP from the current 2.0 to 1.0 by 2020.</li> <li>- Using modern technology solutions to improve distribution, reduce power losses towards building smart power plants.</li> </ul>	Ministry of Industry and Trade/ Department of Planning and Investment, Ministry of Science and Technology, People's Committee of provinces and cities.	<p>State budget: R.</p> <p>Sources of business and community: R</p> <p>International technical support: R.</p>
50	Improving and developing irrigation floors in the direction of sustainability / Technological innovation, Improvement of restrictions / 2013 - 2020.	<ul style="list-style-type: none"> <li>- Improve the system of dikes to ensure the safety of socio-economic activities, population, traffic, response to climate change, natural disasters and sea level rise.</li> <li>- Invest in irrigation systems with modern operating equipment to ensure good regulation, supply and protection of water sources.</li> <li>- Improve the efficiency of pumping stations; thoroughly take advantage of the ability to use self-flowing irrigation systems to save water pumping energy.</li> <li>- Capacity building and institutional innovation to ensure sustainable water resources.</li> </ul>	Ministry of Agriculture and Rural Development/ Ministry of Natural Resources and Environment, Ministry of Planning and Investment, Ministry of Finance, People's Committee of provinces and cities.	<p>State budget: R.</p> <p>Resources of pandp: R.</p> <p>International technical support: R.</p>
51	Widely promote the movement "Enterprises meet sustainable development standards"/ Improve institutions, raise awareness/ 2013 - 2020.	<ul style="list-style-type: none"> <li>- Introduce the criteria of "sustainable development enterprises" into the system of public and transparent evaluation of business performance and corporate social responsibility.</li> <li>- Promote the formation and development of "sustainable development enterprises" in the business world nationwide.</li> <li>- Improve the capacity of business management teams and consulting organizations on restructuring in enterprises in accordance with enterprise sustainable development standards.</li> </ul>	Vietnam Chamber of Commerce and Industry/ Ministry of Planning and Investment, Ministry of Industry and Trade, Vietnam Cooperative Alliance, industry associations.	<p>State Budget: R</p> <p>Resources of pandp: R</p> <p>International technical support: R.</p>
52	Building the capacity of technical consultancy and green growth management; promoting consulting activities, supporting enterprises to implement cleaner production, green enterprises; promoting the formation of a network	<ul style="list-style-type: none"> <li>- Promote industry associations to develop action programs to implement green growth and the greening of production movement.</li> <li>- Researching and proposing policies to develop consulting enterprises, supporting the application of cleaner production</li> </ul>	Vietnam Chamber of Commerce and Industry/ Ministry of Planning and Investment, Ministry of Industry and Trade, Vietnam Cooperative Alliance, industry associations.	<p>State Budget: R</p> <p>Resources of pandp: R.</p> <p>International technical support: R.</p>

	of technical and management service organizations and service markets for green growth / Completing restrictions / 2013 - 2020.	and green standards. - Propose policies to develop the market for technical and technical services and green growth management solutions.		
53	Raising awareness of businesses and sharing domestic and international experiences on green growth / Raising awareness / 2013 - 2020	- Organizing the dissemination, propagation and training to raise awareness of green growth for groups in enterprises: business owners, technical and management teams, employees and trade unions.  - Organizing activities to share technical experiences and manage the implementation of green growth among enterprises of different industries, sizes and economic sectors.  - Organize international learning and experience sharing activities in implementing green growth.	Vietnam Chamber of Commerce and Industry/ Vietnam Cooperative Alliance, industry associations, Vietnam Television, Voice of Vietnam.	State Budget: R  Business and community resources: R  International technical support: R.
54	Reviewing and proposing adjustments to urban planning and renovation plans according to sustainable urban standards / Completion of restrictions / 2013 - 2020.	- Review and recommend adjustments to urban planning from a sustainable urban approach.  - Develop a renovation program so that by 2020 urban areas will reach the average level or higher of the green urban index system.  - Guiding the pilot development of action plans for green urban construction in some tourist cities (Sapa, Hue, Hoi An, Vung Tau, Da Lat). It's awful and common.	Ministry of Construction / People's Committee of provinces and cities.	Local budgets, business and community resources: R
55	Improve technical infrastructure in a sustainable way in select cities / Technological innovation / 2013 -2020.	- Select and develop plans to improve the technical infrastructure of a number of international trade hubs, historical centers, and seriously deteriorated old urban areas in order to improve housing, energy supply, traffic, water supply and drainage and environmental landscapes.	People's Committees of provinces, cities/ Ministry of Construction, Ministry of Planning and Investment, Ministry of Finance.	State Budget and Local Budget: R.  Business and community resources: R
56	Technological and technical innovation in the direction of greening / New technology, Institutional improvement / 2013 - 2020.	- Researching and promulgating a system of standards for planning, urban architecture, design, use of materials, environmentally friendly green building solutions, energy saving, greenhouse gas reduction, appropriate technological solutions for urban waste treatment.  - The board mandates the implementation of common green building solutions in state-funded investment projects, new commercial buildings and renovation of existing apartment	Ministry of Construction / Ministry of Finance, People's Committee of provinces and cities.	State Budget and Local Budget: R.  Enterprise resources and resources: R.

		complexes in urban areas.		
57	Promote the development of the building materials industry and green building / Institutional improvement, Structural change, Technological innovation / 2013 -2020.	<ul style="list-style-type: none"> <li>- Promulgate economic and technical policies and tools on encouraging and supporting enterprises producing materials and equipment for construction and using construction works according to green technology.</li> </ul>	Ministry of Construction/ Ministry of Planning and Investment, Ministry of Finance	The power of the enterprise and the field: R.
58	Economical and efficient use of energy in the construction and use of buildings / Institutional completion, Industrial innovation / 2013 -2020.	<ul style="list-style-type: none"> <li>- Implement the mandatory management in accordance with Vietnam Construction Regulations "Works using energy economically and efficiently" for 100% of new or renovated buildings with scale covered by the Regulation.</li> <li>- Put into operation the management of economical and efficient use of energy in buildings.</li> <li>- Implementing the campaign to implement energy-saving "Green Buildings" at agencies and businesses throughout the country.</li> </ul>	Ministry of Construction/ Ministry of Planning and Investment, Ministry of Finance, Ministry of Science and Technology, Ministry of Natural Resources and Environment, People's Committees of provinces and cities.	<p>State budget: R.</p> <p>Funding for the NTP uses energy efficiency and efficiency,</p> <p>Resources of business, consumer: R.</p>
59	Improving transport in big cities towards sustainability / Structural change / 2013 -2020.	<ul style="list-style-type: none"> <li>- The renovation and development of urban transport infrastructure in centrally-run cities reaches the average level of advanced countries in the region.</li> <li>- Use economic and technical tools to control the development of the number of personal motor vehicles.</li> <li>- Arrangement of routes dedicated to non-motorized transport.</li> </ul>	People's Committees of centrally-run cities/ Ministry of Transport, Ministry of Planning and Investment, Ministry of Finance.	<p>State budget: R.</p> <p>Business and community resources: R</p>
60	Greening the urban landscape / Changing the structure, Raising awareness / 2013 -2020.	<ul style="list-style-type: none"> <li>- Prioritize the distribution of public drives to quickly improve the area of green space and water surface in urban areas, meeting the standards of urban green area per capita prescribed for each type of urban area.</li> <li>- Increase investment and institutional improvements to protect and develop public green spaces and encourage communities, businesses and households to implement solutions to green the urban landscape.</li> </ul>	People's Committees of provinces, cities/ Ministry of Natural Resources and Environment, Voice of Vietnam, Vietnam Television Nam, Vietnam Communist Youth Union, Vietnam Women's Union, Vietnam Labor Federation, Cao TuLai i Association and other social mass organizations.	<p>Local Budget: R</p> <p>Business and community resources: R</p>
61	Implementing the campaign to implement "Green Lifestyle"/ Raising awareness, Improving restrictions/ 2013 -2020.	<ul style="list-style-type: none"> <li>- Organize diverse communication activities to raise awareness for social groups about green lifestyles (elderly groups, women, teenagers, workers, office workers ...).</li> <li>- Bringing standards of civilized lifestyle, resource-saving and environmentally friendly consumption into the social value</li> </ul>	Ministry of Education and Tourism, Sports and Tourism/ People's Committees of provinces and cities, Ministry of Education and Training, Vietnam Radio, Voice of Vietnam, Central and local media	<p>Budget a: R.</p> <p>Enterprise resources and additions: R</p>

		<p>system that evaluates people.</p> <ul style="list-style-type: none"> <li>- Promulgate and organize the thorough implementation of legal provisions on the implementation of civilized lifestyles and environmental protection.</li> <li>- Dissemination of the 3T movement (saving, recycling, reusing) in residential communities.</li> <li>- Propagating for people to choose reasonable means of transport, mobilizing people to ride bicycles on roads instead of motor vehicles, first of all among teenagers.</li> <li>- Mass organizations organizing movements to green homes, neighborhoods and workplaces.</li> </ul>	<p>agencies, Vietnam Communist Youth Union, Vietnam Women's Union, Tdriveng Viet Nam Labor Federation, and other social union organizations.</p>	
62	<p>The campaign to build a model of "Energy saving use in every household"/ Raising awareness, Changing jobs/ 2013-2020.</p>	<ul style="list-style-type: none"> <li>- Organizing information to improve knowledge about energy saving in life for people's strata.</li> <li>- Mobilize social groups to participate in propagating, mobilizing and applying energy-saving measures.</li> </ul>	<p>Ministry of Industry and Trade/ Ministry of Natural Resources and Environment, Ministry of Agriculture and Rural Development, Ministry of Science and Technology, Electricity of Vietnam, People's Committees of provinces and cities, Central and local media agencies of the Vietnam Union of Science and Technology Associations, The Vietnam Communist Youth Union, the Vietnam Women's Union, the Vietnam Federation of Labor, and other social organizations.</p>	<p>State Budget: R</p> <p>The MTQG program uses energy efficiency and efficiency: R.</p> <p>Business and community resources: R</p>
63	<p>Building new rural areas with a lifestyle in harmony with the natural environment / Perfecting institutions, Innovating technology, Changing the structure / 2013 - 2020.</p>	<ul style="list-style-type: none"> <li>- Rural planning according to good living standards, protection and development of green, clean, beautiful and civilized landscapes and environments. Replicate models of village construction, ecological housing suitable to climatic conditions, customs and lifestyles of each ethnic group and locality.</li> <li>- Support the implementation of production models in rural areas according to closed ecological cycles, good treatment models of village waste, by 2020, ensuring that most rural waste is collected and treated according to environmental standards, sorting and recycling waste into energy, fertilizers, building materials.</li> <li>- Implement the objectives of the</li> </ul>	<p>People's Committees of provinces, cities/ Ministry of Agriculture and Rural Development, Ministry of Natural Resources and Environment, Ministry of Construction, Ministry of Health, Vietnam Farmers' Union.</p>	<p>Local Budget: R.</p> <p>Business and community resources: R</p>

		<p>National Strategy on Rural Sanitation and Rural Sanitation by 2020.</p> <ul style="list-style-type: none"> <li>- Provide solutions to build economic and civil works to adapt to climate change and prevent the impacts of natural disasters.</li> <li>- Improve the structure of fuel in rural areas to reduce emissions and improve the quality of life for rural populations. Encourage and support rural households to make extensive use of renewable energy sources.</li> </ul>		
64	Chi standards according to green standards / Institutional improvement / 2013 - 2020.	<ul style="list-style-type: none"> <li>- Promulgate regulations on green public spending, in which investment expenditures and recurrent expenditures of the state budget must prioritize the purchase and use of ecologically labeled goods and recyclable goods.</li> <li>- From 2015, all public investment works and projects must apply green economic standards: according to industry structure, energy use standards, raw materials, appropriate design of ecological conditions, calculate the impacts of climate change.</li> <li>- Since 2017, all newly purchased motor vehicles with public funding must meet the Euro 4 emission standard, prioritizing vehicles using clean fuels (electric, liquefied petroleum gas) and hybrid vehicles (hybrid).</li> </ul>	Ministry of Finance/ Ministry of Planning and Investment, Ministry of Natural Resources and Environment	State budget: R.
65	Guiding and encouraging sustainable consumer initiatives in the population / Institutional improvement, Awareness raising, Structural change / 2013 -2020.	<ul style="list-style-type: none"> <li>- Launch a movement for frugal consumption (before water, electricity, medicine), fight waste, protect and enrich social resources and wealth.</li> <li>- Use a number of economic tools (excise taxes, taxes and ecological fees) to regulate unreasonable use practices, first of all for products harmful to health, culture and the environment (alcohol, tobacco, plastic bags, etc.).</li> <li>- Supervise safe food production and consumption, encourage and provide technical assistance to people to implement ecological production models.</li> <li>- Promote the movement to produce "High quality Vietnamese goods" in enterprises and the movement "Vietnamese people use Vietnamese goods" in the population.</li> </ul>	People's Committees of provinces, cities/ Ministry of Finance, Ministry of Industry and Trade, Ministry of Agriculture and Rural Development, Ministry of Natural Resources and Environment, Ministry of Health, Vietnam Consumer Protection Association, Vietnam Chamber of Commerce and Industry.	Budget a: R. Business and community resources: R

66	Rapidly expand the application of modern information technology in management and in social life / Institutional improvement, Technological innovation / 2013 -2020.	<ul style="list-style-type: none"> <li>- Prioritize investment in technical infrastructure and promulgate policies to encourage enterprises in the field of information technology to quickly expand the application of information technology in management and social life, thereby saving energy and resource consumption, reduce traffic costs, management costs.</li> <li>- Organizing the implementation of the government's workingstyle, organizing online conferences, working, changing, providing information, educating and training o, shopping via the internet.</li> </ul>	Ministry of Information and Communications / Government agencies, People's Committees of provinces and cities, Information technology associations, software, electrical enterprises in Vietnam.	State Budget: R Resources of businesses and communities: R
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## APPENDIX II

### LIST OF PRIORITY ACTIVITIES UNDER THE GREEN GROWTH ACTION PLAN 2014-2020 (Issued together with Decision No. 403/QĐ-TTg dated March 20, 2014 of the Prime Minister)

Stained activity	Name of activity/program/scheme/project
1	Organizing the Coordinating Committee for the Implementation of the Green Growth Strategy.
2	Improve the institutional framework to promote economic restructuring in line with the Green Growth Strategy.
3	Formation of a Green Growth Financial Policy Framework.
4	Raise awareness and mobilize the participation of the whole population in the implementation of the Green Housing Strategy.
6	Implementing plans/actions for green growth in some provinces and cities. Summing up and replicating.
9	Reviewing and adjusting the strategy and national energy planning oriented to green areas
16	Improve energy management capacity in industry and construction.
26	Develop and implement policies to prioritize the development of clean energy sources.
28	Institutional improvement of clean air. Inventory, monitor greenhouse gas emissions and manage greenhouse gas emission reduction activities.
29	Review and propose the adjustment of socio-economic development plans from the point of view of sustainable development and develop a project to restructure the economy towards green growth for the period 2014 - 2020.
30	Review and propose adjustments to industry development plans from the perspective of sustainable development and develop a policy framework and green growth action plan of the industry for the period 2014 - 2020.
31	Review and propose adjustments to the development plans of the agriculture, forestry and fishery sector from the point of view of sustainable development and develop a policy framework and action plan for green growth of the agriculture, forestry, fishery and rural development sectors in the period of 2014-2020.
32	Review and propose adjustments to development plans, the transport sector from the perspective of sustainable development and develop a policy framework and action plan for the green chief of the transport sector in the period of 2014 - 2020.
33	Review and propose adjustments to construction industry development plans from the perspective of sustainable development and develop a policy framework and green growth action plan of the construction industry in the period of



	2014 - 2020.
34	Review and propose adjustments to natural resources and environment development plans from the perspective of sustainable development and develop a policy framework and action plan for green growth of the natural resources and environment sector in the period of 2014 - 2020.
35	Review and propose adjustments to science and technology development strategies and master plans from the perspective of sustainable development and develop a policy framework and action plan for scientific and technological development to meet the green growth requirements of the economy in the period 2014 - 2020.
36	Support and encourage research, implementation and investment in the application of green technology.
37	Improve institutions and strengthen the capacity of financial and credit activities of commercial banks for green growth.
39	Combat soil degradation, efficient and sustainable use of soil resources.
40	Use water resources efficiently and sustainably.
41	Efficient and sustainable use of mineral resources.
42	Encourage and support the rapid development of eco-product manufacturing industries.
47	Restoration and development of natural sources of capital.

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1 Includes 04 main areas: (1) Raising awareness; (2) Institutional improvement; (3) Changes in the economic structure of sectors, localities and enterprises; and (4) Technological innovation.

2 R Resources have been allocated; P Resources may have allocation plans; £ Unsourced