

**THE PEOPLE COMMITTEE OF .....**  
**DEPARTMENT OF PLANNING AND INVESTMENT**

*Draft on 03/01/2014*

**OUTLINE (draft)**  
**ACTION PLANS IN .....**  
*Phase 2014 - 2020*

*....., January 2014*

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## ***Part I: Detailed Outline***

## OVERVIEW



**"National Green Growth strategy is to accelerate the process and complete the restructuring of economic institutions towards to natural resources efficient use, enhance the competitiveness of the economy through increase investment in technological innovation, natural capital, economic instruments. It will help to cope with climate change, reduce poverty and ensure sustainable economic development. "**

Vietnam is implementing economic development plans phase 2011-2015, the social economic development plan phase 2011-2020 with objective of rapid social development and sustainably, striving to become the industrial country by 2010 in conditions of macroeconomic stability challenges; ensure environmental quality and social welfare in an international context is not favorable and negative effects suffered by low growth, public debt crisis in many countries and climate change that causes to capital markets and exports are being shrunked.

To achieve the development goals and to meet the requirements of economic restructuring and institutional reform, improving the quality of growth and environmental protection and ecological sustainability, the Government of Vietnam has issued many policies related to sustainable development, climate change, especially the national strategy for green growth in the number 1393/QĐ-TTg decision dated 25.09.2012.

The contents need to be more details in terms of sustainable development strategy to meet mitigation of greenhouse gas emissions in the National Strategy on Climate Change recently issued on the 2nd December by the government. The national strategy for green growth have common goals: green growth, the economy towards low-carbon, natural enrich become mainstream in sustainable economic development; reduce emissions and increase the ability to absorb greenhouse gas targets gradually become mandatory and to be important in economic development

3 objectives including:

-Restructuring and complete economic institutions towards greening existing industries and encourage economic development of efficient use of energy and resources with high added value;

Research, increasingly application of advanced technology widespread to have efficiently use natural resources better, reducing the intensity of greenhouse gas emissions, contributing to an effective response to climate change;

-Improving people's lives, building lifestyle-friendly environment through creating more jobs from industry, agriculture, green services, investing in natural capital, green infrastructure development.

-The strategy has shown determination from Vietnam with giant effort in terms of responding to climate change in the short term although Vietnam still needs to grow faster to achieve the fundamental goal become an industrialized country by 2020.

Through the implementation of three strategic tasks: 1. Reducing the intensity of greenhouse gas emissions and promoting the use of clean energy, renewable energy; 2. Greening production; 3. Green lifestyle and promote sustainable consumption with 17 major solutions, strategy is expected to achieve many important indicator marks the transition to green economy in Vietnam .

Strategy requires ministries, branches and localities actively building programs, action plans for implementation.

Implementing Decision of the Prime Minister 1393/QĐ-TTg. the province ...., ..... province under construction program actions implemented national strategy for provincial green growth ( program ) . The design goal of the program is assessed on the basis of the development of the whole area .... and assess the status of economic development , environmental protection of the .....province towards the growth green in the phase 2006 - 2010 and up to 2013 to find out the weaknesses in the development process ; opportunities and challenges in order to use as the basis for the action plan with solutions for successfully implement the goals of the National Strategy for Green Growth .

## CHAPTER I

### SITUATION OF SOCIAL ECONOMIC DEVELOPMENT IN .....

*(Phase 2006-2010 and up to 2013)*

#### **I. ECONOMIC DEVELOPMENT:**

Summary of social- economic development environment protection follow basic social economic indicators and statistics:

##### **1. The efficiency of economic growth towards to green**

- GRP growth (total income in the area);
- Energy consumption per unit of GRP
- The percentage of energy from non-fossil sources in total consumption;
- CO<sub>2</sub>, SO<sub>2</sub> per GRP unit (if any);
- Energy consumption per capita of urban households

##### **2. Agricultural industry area**

- Agriculture production productivity
- Output ratio of land
- The level of water-saving of irrigation system
- The percentage of efficient irrigated area per total cultivation

##### **3. Industrial industry area**

- Industrial production productivity
- Water consumption per unit of value added in industrial production;
- Energy consumption per unit of value added in industrial production in the marginal value;
- The proportion of industrial waste is used
- The proportion of industrial wastewater reuse
- The rate of the output value of the most energy uses (cement, steel ...) in the industry which contribute to the total output of the industry;
- Number of projects about cleaner production, using savings and energy efficiency...

##### **4. Service industry area**

- Service productivity
- The rate of service industry value added in GRP
- The percentage of workers in the service sector compared to the total number of employees.

## **II. NATURAL RESOURCES AND ENVIRONMENT:**

### **1. Local resources values**

- Total water resource/ capita;
- Forest area/capita;
- Percentage of forest cover;
- The percentage of wetland area on the total area;
- Total forest reserves / capita.

### **2. Environment and climate change**

- CO<sub>2</sub> emissions per unit of area/ per capita;
- NO<sub>x</sub> emissions per capita from transportation;
- The level of chemical fertilizer use per unit of cultivated area;
- The level of pesticide use per unit of cultivated area;
- The situation of climate change over the years.

## **III. GOVERNMENT EFFORTS**

### **1. Green investment**

- The proportion of public expenditure for environmental protection;
- The percentage spent on remediation MT;
- Investment in sanitation program and water per capita in rural areas;
- Investment converting from farmland to forests;
- The rate of investment in science and technology, education and health in total public spending.

### **2. Infrastructure Development**

- The percentage of urban green area per capita;
- The proportion of urban population is improved water use;
- The rate of urban sewage is treated;
- Number of public transport in 1000;
- Length of public roads per capita;
- The percentage of urban green areas on the urban area;
- The percentage of the rural population are using clean water.

### **3. Environmental improvement**

- New forests planted per capita

- Reduce emissions of SO<sub>2</sub>, CO<sub>2</sub>, NO<sub>x</sub> from industrial activities, NH<sub>x</sub> from industrial wastewater (if any);
- Environmental incidents.

## **VI. EVALUATION OF EXISTED PROBLEMS AND LIMITATIONS OF MAJOR CAUSE IN THE DEVELOPMENT PROCESS:**

### **1. Green Investment**

- The economic structure.
- The development resources.
- Efficient use of resources, resource.
- Policies.

### **2. Infrastructure Development:**

- Transport.
- Irrigation.
- The water supply system.
- Sewerage and sewage treatment.
- Collection and disposal.
- Contact Info.
- Provides power.
- Information Technology.
- Services, trade and tourism.
- Cultural infrastructure - social (Education - Education, Health, Culture, Sports, ...).

### **3. Resource use, environmental protection, adaptation to climate change:**

- Land, water, mineral resources.
- Drainage, sewage treatment.
- Collection and disposal.
- Emissions of greenhouse gases.

### **4. Institutional policies:**

The process of implementing social economic development plan, any difficulties?, The implementation of legal institutions related to environmental protection and sustainable development, any limitation?





## **CHAPTER II**

### **GREEN GROWTH GUIDELINES OF PROVINCE ..... FROM NOW TO 2020, UP TO 2030**

#### **I. SOCIAL ECONOMIC DEVELOPMENT SITUATION**

Evaluate the advantages and challenges in implementing the socio - economic development master-plan of the province on the basis of the current status in provincial development (both comparative advantage), taking into account the difficulties and advantages of the country, especially in the area and the impacts predicted inside and outside the country in all areas:

- Economic development
- Social development
- Resource - environment, responding to climate change
- International economic integration

May summarize some development scenarios: high, medium low with some important points about climate change scenarios, total emissions, some sectors cause emission, etc, some resources limitation, natural resources and environmental degradation may cause to serious consequences to economic development of the society and the province.

Some development opportunities: wind power, general economic development of coastal...

Development of urban and rural areas.

#### **II. URGENT REQUIREMENT IN INCREASING COMPETITIVENESS, NATURAL RESOURCE EFFICIENT USE, ENVIRONMENT PROTECTION AND RESPONDING TO CLIMATE CHANGE**

**Identify potential fields to implement Green Growth in 3 strategic tasks:**

1. Reducing greenhouse gas emissions: .....
2. Green production:.....;
3. Green lifestyles and sustainable consumption.....

#### **III. GOALS AND ORIENTATION IN PROVINCIAL GREEN GROWTH**

##### ***1. Viewpoints:***

Based on the directions outlined in the Resolution of the Party Congress .... time, in the context of provincial condition, what is the major viewpoint of sustainable development? Focus on priority issues in implementing green growth?

## **2. Objectives:**

- General objective: On the basis of the directions outlined in the Party Congress Resolution on the ...time, stated long-term goal of building the province ..... basically no longer a poor province, economy comprehensive development, ... in the context of the country is actively integrating into the world economy, create opportunities and challenges for economic development - society of the province.

- Goals up to 2020: strive to achieve some long terms goal up to 2020 in 3 areas:

- Reduce greenhouse gas emissions;

-Green production: industry, agriculture, transportation, construction, clarify the sector, green sub-sector and develop opportunities to form a number of sectors, new subsectors;

- Green urban and rural development, widespread green lifestyle.

Specific objectives up to 2030:

- Reduce greenhouse gas emissions;

- Green production;

- Green urban and rural development, widespread green lifestyle.

## **3. Main orientation:**

Main orientation during the process of implementing Green Growth including:

- Economic restructuring, changes in growth model to ensure stable social economic development, enhance competitiveness, reasonably efficient use of resources;

- To review, narrowing the pollution from industry, waste of resources;

- Prioritize new industries, advantage, application, new technology scaling, appropriate to local conditions, creating more jobs;

- Planning and development of the industry to co-promote efficient investment;

- Develop and replicate models of economic rationality and sustainability;

- Greening the industry, focusing on the development of new green industries (wind power);

- Greening agriculture, increasing the proportion of organic agriculture.

## **III. POTENTIAL AND PRIORITIES**

### **1. Economic development:**

- Development of renewable energy: wind power, solar power, ocean energy;
- Development of tourism;
- Development of aquaculture eco-friendly environment;
- Development of organic agriculture, green;
- Development of sustainable forestry;
- Development of green infrastructure;
- Industry environment friendly;
- Other new economic sector: investment in resources, natural capital, 3R ...

### **2. Social development:**

- Green career;
- Green urban and rural development/ sustainable;
- Improving literacy levels, green job training;
- Building green lifestyle, green consumers.

### **3. Natural resources use and reservation, respond to climate change:**

- Exploiting a reasonable and efficient use of renewable energy, marine energy;
- Exploiting a reasonable and effective use of land resources;
- Protection and rational use of water resources;
- Protection and rational use of forest resources and biodiversity conservation;
- Exploitation and sustainable use of mineral resources (clay, river sand);
- Reduction of environmental pollution in urban areas and rural areas.

## CHAPTER III

### TASKS, INDICATORS AND SOLUTIONS FOR IMPLEMENTING PROVINCIAL GREEN GROWTH IN...PROVINCE FROM NOW TO 2020

#### I. 3 TASKS AND MAIN INDICATORS FROM NOW TO 2020

##### ***1. Reduce the intensity of greenhouse gas emissions and promoting the use of clean energy, renewable energy***

- Phase 2014-2020: Reduce the intensity of greenhouse gas emissions .....% compared to 2010, reducing energy consumption per GDP .....% per year.
- To raise the proportion of renewable energy used up to ..%.

##### ***2. Greening productions***

Review and adjust the existing sectoral planning, saving and using resources efficiently, encouraging the development of green industry, green agriculture with structure, technology and equipment to ensure principles which are environment friendly, natural capital investment and development; actively to prevent and treat pollution.

Main indicators up to 2020 including:

- The value of high technology products, green technology in the province ....% of GDP; percentage of business establishments that produce environmental standards is ...%, apply cleaner technologies ...%.
- Invest in the environmental protection industry and strive to enrich the natural capital to achieve....% of GDP.

##### ***3. Greening lifestyle and promote sustainable consumption***

Perform rapid urbanization, sustainable lifestyle to maintain natural harmony in rural areas and create sustainable consumption habits.

The main targets in 2020 include:

- The city ..... have a collection system and wastewater treatment and achieve prescribed standards: ...%
- The town has a collection system and wastewater treatment and achieve prescribed standards: ...%
- The village: ...%, improve the environment polluted area 100%, the percentage of waste is collected and processed in accordance with the standards 2149/QĐ decision-TTg, green area matches urban standards, the proportion of public transport services in the large and medium cities.

#### II. IMPLEMENTING PHASE

## **II.1 Priority tasks in the phase 2014-2015:**

- Enhancing awareness
- Increasing capacity, institutional development
- Reviewing, evaluating strategies, planning and plans
- Determining baseline
- Defining objectives, action should be taken, issued the action plans
- Make urgent adjustments
- Integrating planning Green Growth in 2016-2020

## **II.2 Tasks in the phase 2016-2020**

Implementation, monitoring and evaluation of activities, reports, adjust if necessary.

## **III. SOLUTIONS TO IMPLEMENT GREEN GROWTH IN ...PROVINCE FROM NOW TO 2020**

*1. Propaganda, raise awareness and encourage implementation support*

*2. Improving performance and energy efficiency, reduce energy consumption in production, transport, trade*

*3. Promote effective exploitation and increase the proportion of renewable energy sources, renewable energy production and energy consumption*

*4. Reducing greenhouse gas emissions through the development of sustainable organic agriculture, enhance the competitiveness of agricultural production*

*5. Revise and adjust manufacturing plans, gradually limiting the industries which cause massive pollution, environmental degradation, facilitate development of new green manufacturing*

*6. Use resources efficiency*

*7. Promote green economic sectors grow rapidly to create jobs, raise incomes, enriching natural capital*

*8. Developing sustainable infrastructure includes: transport infrastructure, energy, irrigation and urban construction*

*9. Technological innovation, common application of cleaner production*

*10. Sustainable Urbanization*

*11. Develop new rural lifestyle in harmony with the environment*

*12. Promoting sustainable consumption and building green lifestyle*

*13. Mobilizing resources for implementing green growth*

*14. Training and human resources development*

*15. Researching science and technology, applying the economic standard system, technical data and information on green growth*

*16. Regional and international cooperation*

## **CHAPTER III**

### **IMPLEMENTING AGENCY AND PROGRAMS**

#### **I. TASKS ASSIGNED FOR DEPARTMENT, LINE MINISTRIES, PEOPLE COMMITTEES AND AUTHORITIES TO IMPLEMENT GREEN GROWTH**

*Provincial People Committee:*

*Department of Planning and Investment*

*Department of Home Affairs*

*Department of Agriculture and Rural development*

*Department of Industry and Trade*

*Department of Science and Technology*

*Department of Transportation*

*Department of Natural resources and Environment*

*Department of Culture, Sport and Tourism*

*Department of Labor, war invalid and social affairs*

*Department of Health*

*Department of Education and Training*

*Department of Construction*

*Department of Finance*

*Department of information and communication*

*District People Committee*



## II. PROGRAM AND PROJECTS RELATED TO GREEN GROWTH (example)

### 1. Target program:

#### *1. Proposing for adjustment of socio economic development master plan of province....*

**Objectives:** Consider adjusting development plans of major economic sectors in the province towards green growth, co-operation with the results obtained from the development of wind power plants at...

#### *2. Investigating the basic current status and potential green growth at.... province*

**Objectives:** Conducting basic surveys on the status of manufacturing, trading and use of natural resources, the impacts of climate change, used as a basis for adjusting planning of the provincial economic development towards to green growth

#### *3. Biodiversity Conservation for bird park in the province...*

**Objectives:** Conservation and sustainable biodiversity associated with the development of eco-tourism of the bird park, to match the goals socio- economic development and ecological environmental protection.

#### *4. Subproject for restore the coastal protection forest areas from...*

**Objectives:**

#### 5. Subproject for restore the coastal protection forest areas from

**Objectives:** ...

#### *6. Proposing integrated tourism development, fisheries, energy infrastructure, traffic towards green growth*

**Objectives:** On the results obtained from the development of wind power plants in ....., approach the development of other economic sectors to enhance the sustainability of that sector towards green growth

#### **7. Invest in building the water supply system...**

**Objectives:**

#### *8. Invest in building factories of probiotics manufacturing for agriculture production and for people's daily lives in the province...*

**Objectives:** Producing biological products for agricultural production and people's daily lives (rice, vegetables, fruits, aquaculture, livestock, poultry, ...) in order to increase efficiency manufacturing, creating clean products and safe food; creating clean and high quality agricultural products, competitive in the market; help protect the environment, improve people's health

### ***9. High tech agricultural production zone***

**Objectives:** create green products, productivity - high quality for export; make use of eco-tourism model, learn the process of agricultural production

### ***10. Recycling plant in ...city:***

**Objectives:** Recycling and reuse the waste in order to minimize use of natural resources and contribute to reducing environmental pollution.

### ***11. Program of new energy application; clean energy for production and life:***

**Objectives :** Using the new and clean energy to minimize the environmental pollution, to limit use of natural resources and reduce the cost

### ***12. Invest in building energy saving centre in the province...***

**Objectives:** To propose models of energy use to reduce energy use in production and people's lives

**2. The key projects:** from the target program, it will be concretized by the priority in selection for the 2nd Phase of the development

- 2015. 2013- 2015 phase

- 2016- 2020 phase

Key projects:

- Building green urban model
- Organic agriculture and green countryside development, improve rural infrastructure for green growth
- Adjustment the energy planning towards to sustainable energy (mainly wind power)
- Planning sectors development which is co-benefits to wind power development: tourism, fisheries, plantation, infrastructure ...
- Education and training: green job, green lifestyle

Pilot project:

- Green training
- Production of biochar from rice husk and other agricultural residues and soil enrichment process for organic agriculture
- Green Incubator business

## ***Part II: Budget estimates***

It has been prepared in accordance with Circular No. 01/2012/TT-BKHDT by the Ministry of Planning and Investment on 09 February 2012 “Guidance defining expenditure level for elaboration, appraisal and publication of socio-economic development overall plan; sector, field and key product development plan”

**Appendix: Details works of building action plans to implement provincial green growth....**

<b>N o</b>	<b>KHOẢN MỤC CHI PHÍ</b>	Month .../ 201....	Mont h 6/201 ....	Mont h 7/201 ....	Mont h 8/201 ....	Month 9/201. ...	Month 10/20 1....	Month 11/20 1....	Month 12/20 1....
<b>I</b>	<b>Prepare action plans outline</b>	X							
1	Building action plans outline and proposal	X							
1.	<i>Develop research proposals</i>	X							
1.	<i>Workshop for consultations from specialists</i>	X							
2	Budget estimate follows the final draft	X							
<b>II</b>	<b>Research and building action plans outline</b>		X	X	X	X			
1	Collection, data processing, initial data	X	X						
2	Collect additional data and requested documents for action plans outline	X	X						
3	Survey, site visits (if needed)			X					
4	Design action plan outline		X	X	X	X			
4.	<i>Analyze and forecast the impacts of external factors</i>		X						
4.	<i>Analyze and forecast the impacts of internal factors</i>		X						
4.	<i>Evaluate and analyze the status</i>		X						
4.	<i>Nghiên cứu mục tiêu và quan điểm tăng trưởng xanh</i>			X					

4.5	<i>Nghiên cứu tiềm năng tăng trưởng xanh, các phương án, mục tiêu tăng trưởng xanh, (có thể cần phân tích lựa chọn cơ cấu kinh tế và lộ trình chuyển dịch)</i>			X					
4.6	<i>Research for solutions to implement the goals</i>			X	X	X			
	a) Building solutions for supporting implementation			X	X				
	b) Building solutions for low-carbon growth for the sectors and key products and proposed adjustment plan (if necessary)			X	X	X			
	c) Building solutions for greening chemistry in sectors, sub sectors and key products (industry, agriculture, forestry, fishery, services, infrastructure, socio-culture, land use, investment in capital nature) and propose the adjustment planning			X	X	X			
	d) Develop mechanisms and policies to ensure investment and resources				X	X			
	đ) Develop the list of portfolios and outline key investment projects				X	X			
	e) Building plans for implementation and administration including monitoring and evaluation				X	X			
4.7	<i>Integrated report and report system related</i>					X	X		
	a) Report development					X			
	b) Building integrated report					X			
	c) Building brief report						X		

	d) Building report which submit for evaluation						X		
	đ) Building provincial action plan draft for submitting...						X	X	
4.8	<i>Complete the program system, target project</i>						X		
	<i>Other activites</i>								
1	Workshop for get consultation from experts						X		
2	Evaluate and complete the integrated action plans report follow to the final evaluation from evaluating board						X	X	
3	Community consultation and report aggregate opinions						X	X	
4	Disclose the provincial Green Growth action plan strategy...								X