

The Strategy on cleaner industrial production to 2020 was approved by Prime Minister Nguyen Tan Dung in his Decision 1419/QĐ-TTg dated September 07, 2009, with the following content (for reference only):

## **Strategy on cleaner industrial production to 2020**

### **I. PERSPECTIVE**

1. To realize the “National Strategy on Environment Protection to 2010 and vision to 2020”, the “Strategic Orientations for Sustainable Development in Viet Nam” and orientations for the development of industries.

2. The State encourages and provides technical supports to the cleaner production voluntarily adopted by industrial production establishments through making use of their own internal forces in order to fulfill environmental targets and economic interests.

3. Cleaner industrial production is realized through enhancing State management over environment protection and increasing industrial production establishments’ awareness of interests that their cleaner production brings about.

### **II. OBJECTIVES**

#### **1. Overall objective**

Cleaner production must be observed in all industrial production establishments in order to better the use of natural resources, materials, and fuels; minimize emission and curb pollution; protect and improve the quality of environment, human health and secure sustainable development.

#### **2. Specific objectives**

##### **a) From now to 2015:**

- 50% of industrial production establishments shall become aware of benefits of cleaner industrial production;
- 25% of industrial production establishments shall adopt cleaner production; these establishments shall save 5–8% of energies, materials and fuels consumed per product;
- 70% of Departments of Industry and Trade shall have qualified staff specializing in guiding the application of cleaner production in industrial establishments.

##### **b) From 2016 to 2020:**

- 90% of industrial production establishments shall become aware of benefits of cleaner industrial production;
- 50% of industrial production establishments shall adopt cleaner production; these establishments shall save 8-13% of energies, materials and fuels consumed per product; 90% of large and medium-scale enterprises shall have units specializing in cleaner production;
- 90% of Departments of Industry and Trade shall have qualified staff specializing in guiding the application of cleaner production in industrial establishments.

### **III. MISSIONS**

1. Improve awareness of cleaner industrial production in all sectors, localities, production establishments and communities at all echelons.

2. Perfect the system of mechanisms, policies and laws which boost cleaner industrial production:

a) Review, revise, supplement and promulgate mechanisms, policies and laws on cleaner industrial production or submit them to the competent entities for promulgation;

b) Insert the content of cleaner production into strategies and plans on development of industries; strategies and plans on socio-economic development; programs and plans on environment protection of ministries, sectors and localities.

3. Increase capacity of management agencies, consulting organizations and industrial production establishments in applying cleaner production:

a) Raise capacity of management agencies in charge of cleaner industrial production so as to enforce legal regulations on environment protection;

b) Nurture and develop a pool of experts of cleaner production for consulting organizations and technicians of cleaner production for industrial production establishments;

c) Support the experiment and popularization of cleaner industrial production models in industrial production establishments.

4. Develop the network of organizations supporting cleaner industrial production.

### **IV. SOLUTIONS**

1. Communications solutions to improve awareness:

a) Promote the propagation and education work in order to improve awareness of cleaner industrial production in all industrial production establishments at all echelons;

b) Build up and popularly introduce the database and websites on cleaner industrial production;

c) Boost the popularization of successful models of cleaner industrial production.

2. Solutions relating to organization, management, mechanism and policy:

a) Enhance the revision, supplementation and completion of mechanisms, policies and laws on cleaner industrial production;

b) Include the content of cleaner production in strategies and plans on development of industries; strategies and plans on socio-economic development; programs and plans on environment protection of ministries, sectors and localities;

c) Establish a network of agencies in charge of licensing the certificates on cleaner industrial production for industrial production establishments on a voluntary principle;

d) Develop a network of organizations supporting cleaner industrial production within the Ministry of Industry and Trade and in provinces and cities housing many industrial production establishments.

3. Technical support, human resource training, and international cooperation:

- a) Speed up the design and application of technical instructions on cleaner industrial production; assist the application of cleaner production in industrial production establishments;
- b) Consolidate linkages between research institutes, universities and industrial production establishments in researching, transferring and applying technologies of cleaner industrial production;
- c) Further train, nurture and raise capacity of managers, specialists, and consultants involved in cleaner industrial production;
- d) Mobilize resources from foreign organizations and individuals in order to accelerate the application of cleaner industrial production.

4. Investment and financial solutions:

- a) Expenses for realizing the Strategy shall be mobilized from different sources: State budget, aid, donations and investments of domestic and foreign organizations and individuals, and other legal sources;
- b) Approve in principle five projects listed in the enclosure Appendix in order to implement targets and missions of the Strategy. Relevant ministries and sectors shall be responsible for designing projects and submitting them to competent agencies for approval. Expenses for realizing these projects shall be allocated from the State budget;
- c) The State shall provide state credits to cleaner industrial production projects; encourage domestical and foreign organizations and individuals to invest in research, transfer and application of environmentally-friendly technologies for cleaner industrial production;
- d) Investment projects applying cleaner production conducted by production establishments shall receive financial incentives. The Governing Board in charge of the implementation of the Strategy shall be responsible for designing supportive mechanisms and incentives and submitting them to the Prime Minister for approval.

## **V. IMPLEMENTATION**

1. The Ministry of Industry and Trade shall act as the main implementer, in collaboration with the Ministry of Natural Resources and Environment, relevant ministries, sectors and localities, in fruitfully realizing the Strategy on schedule and periodically making reports to the Prime Minister on results.

The Minister of Industry and Trade shall establish a Governing Board, headed by the Minister, which is in charge of implementing the Strategy. The membership and operation of the Governing Board and its Office shall be decided by the Minister of Industry and Trade.

2. The Ministry of Planning and Investment and the Ministry of Finance shall allocate funds from the State budget annually and every five years and guide the use of these funds in order to realize component projects of the Strategy.

3. The Ministry of Natural Resources and Environment, Ministry of Finance, other ministries, sectors and provincial-level People's Committees, within their competence, shall be responsible for working with the Ministry of Industry and Trade to fruitfully realize missions listed in the Strategy; make annual reports to the Ministry of Industry and Trade for summary which must be presented to the Prime Minister./.

## **Appendix**

### **LIST OF COMPONENT PROJECTS TO REALIZE THE STRATEGY**

1. Improve awareness and capacity of applying cleaner production in industry

- Main implementer: Ministry of Industry and Trade
- Coordinating agencies: Ministry of Natural Resources and Environment, Ministry of Information and Communications, and relevant ministries
- Period of implementation: 2010-2020
- 2. Build up and operate the database and website on cleaner industrial production
- Main implementer: Ministry of Industry and Trade
- Coordinating agencies: Ministry of Natural Resources and Environment, and relevant ministries
- Period of implementation: 2009-2020
- 3. Provide technical assistance to the application of cleaner production in industrial production establishments
- Main implementer: Ministry of Industry and Trade
- Coordinating agencies: Ministry of Natural Resources and Environment, relevant ministries and localities
- Period of implementation: 2009-2020
- 4. Perfect the network of supportive organizations for cleaner industrial production
- Main implementer: Ministry of Industry and Trade
- Coordinating agencies: Provincial-level People's Committees
- Period of implementation: 2009-2015
- 5. Perfect financial mechanisms and policies for stronger application of cleaner industrial production
- Main implementer: Ministry of Finance
- Coordinating agencies: Ministry of Industry and Trade, relevant ministries and localities
- Period of implementation: 2010-2012./.