

Polices and Economics in Developing Low-carbon Economy in China

Xia Kunbao
All-China Environment Federation

Following policy measures are being implemented:

A. To adopt low-carbon production, a sustainable production pattern

Low-carbon production is a sustainable production pattern. To achieve low-carbon production, it is necessary to practice circular economy and cleaner production.

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☞ The Law of the People's Republic of China on Promotion of Cleaner Production and the Law on Promotion of Circular Economy were enacted in January 2003 and August 2008 respectively. They have been enforced with good results.

☞ Circular economy and cleaner production have been developed in China in the sectors such as power generation, iron and steel industry, chemical industry and light industry.

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The Chinese Government has made a plan to reduce energy consumption per-capita GDP by 20% , to increase renewable energy from 7% to 16% in the total energy mix, and to increase forest cover in the country by 20% by 2010 as compared with 2006. Great efforts are being made in China to develop low-carbon economy.

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B. To adopt low-carbon consumption, a sustainable consumption pattern

With the emergence of a well-off class, excess consumption is developing rapidly in China.

- ❖ The government and environment NGOs are organizing activities to advocate low-carbon sustainable consumption patterns such as electricity-saving, water-saving, and garbage classification, reduction, recycling and reuse.
- ❖ All-China Environmental Federation (ACEF) has carried out many activities and programs on sustainable consumption jointly with other CSOs .

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c. Control the development of high-carbon industries, speed up the adjustment of economic structure and improve quality of development

China is taking following measures: phase out polluting processes, equipments and enterprises; raise emission standards and criteria of various industries; raise the criteria for the approval of the construction of projects in the sectors of iron and steel, non-ferrous metallurgy, building materials, chemical industry, power generation and light industry; and formulate, improve and implement necessary economic policies and penalty measures, such as discharge fee system.

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- ❖ In the process of economic re-structuring, it is necessary to make adjustments in China's export oriented economic development strategy.
- ❖ Strategies, policies and measures must be put in place to limit the production and export of products produced under the high-carbon production, and great efforts must be made to produce and export products produced under low-carbon production mode.

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D. Carry out international cooperation and introducing to China low-carbon technologies

- ❖ **Attract the investment of foreign companies who have such technologies and encourage them to build low-carbon facilities in China.**
- ❖ **Make use of the existing international mechanism under the multi-lateral environmental agreements, such as CDM under UNFCCC.**

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