



Investigation of Relationship between Economy and Environment

Hua Liu

Maoming University

Maoming 525200, China

Tel: 86-668-292-3175 E-mail: liuhua-5@163.com

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Abstract

The economic activity is based on the necessary of human development. The environment changes when the society develops. The relationship between society and environment is always an important topic which people pay much attention to. The period change of human social economy development will inevitable cause corresponding huge change of environment, which embodies the change of the relationship between economy and environment. It's very important of this topic for promoting sustainable development of society, economy and environment.

Keywords: Traditional economy, Global economy, Environment industry

The traditional industries set the high-speed economic growth as a goal, and never dreamed that we had paid a heavy environmental cost in the process of agriculture and industrialization development. In the fight for the realization of economic and social sustainable development, the relationship between economic and environmental issues is clearly on the table. It's very essential to have an in-depth research about these. Economic development and environmental protection are not the conflicting sides. We want to improve the situations that the traditional economic had damaged the environment and the subversive effects of the destroyed environment to the economic development. Then it is necessary to make economic, social and resources, environmental development in harmony to achieve that "Without prejudice to the needs of future generations, to meet the financial needs of contemporary people (Mao Hanying, 1995)." We know that the good economic situation should be built on the basis of the ecological sustainability, and also the environment industry may become a new economic growth point. The emerging knowledge economy and environment are closely related, as well as the recycling economy. Economic development is important, but environmental protection can not be ignored. Only to harmonize the two can the society develops steadily. In the face of the rapid development of the world's scientific and technological revolution, and the growing trend of economic globalization, overlooking the gratifying results of the China's reform, joining the WTO and Beijing Olympic Games, the Sustainable Development that China has chosen is the right choice. To achieve the double-harvest in both economic and ecological benefits is the key to the China's social development. I will discuss the relationship issues between economic and environmental issues in three aspects issues.

1. The Destruct Effect that the Traditional Economic Development to the Environment

Since the outbreak of the famous industrial revolution in Europe, the enginery-based manufacture has gradually replaced the agriculture-based natural economy. People thought that without the industrial revolution, without its enormous productivity, our society would not have the overstepping progress of society, and the social life would not become so rich and varied. However, would somebody think of that when thousands of machines grumbling, when factories were constructed more and more, when a certain period of the railway line be opened, when new city was developing one by one, which brought what serious consequences to the natural ecological environment. Agricultural pollution combined with industrial contamination's emissions made the four circle seriously damaged. The earth just likes a drowned mouse. Agricultural pollution is mainly from the chemical fertilizers, pesticides as well as the pollution caused by industrial pollution and other factors. The decline in the quality of cultivated land includes the land salinization, soil fertility decline and land desertification, which will also have a direct impact on the city's climate, population and economic development. Industrial pollution is the main factor of environmental pollution in nearly two centuries. The "three wastes" polluted the environment seriously, even do harm to the survival of mankind (Zhou Wenzong, 2005). In 1948, the Donora town in the United States occurred smog affair. The 43% of more than 10,000 had the symptoms such as severe headaches, breathing difficulties, vomiting and so on, 17 people were killed. That was because the town is located in the valley, the two sides are covered with factories, and constantly vehicles on the road with emissions lead to air pollution and then lead to serious consequences. In recent years, the person in Russia's Volga's River Basin is depressed for without water to drink because of the largest river in Russia received half of the industrial waste water. This sewage is not only waste water, compounds and oil substance, but also the heavy metals, radioactive substances and toxic organic quality. It showed that the water pollution situation is quite serious, Such pollution cases happened in every countries. And solid waste pollution you might see everywhere. Hill's garbage occupied the land resources, polluted the environment, and left a lot of hidden dangers. The garbage heaped for a long time will diffuse diseases, pollute water, air and soil, and thus endanger human health. The toxic substances in industrial wastes will break down and do harm to others. Industrial production and research especially heavy industry will bring invisible pollution to human, including noise pollution, electromagnetic pollution, nuclear radiation pollution and so on, which hang a layer of the terrible shadow over human health and survival. To this extent that the deterioration of environment human can feel, then they know that in the pursuit of rapid economic development, at the same time, we need a more beautiful living environment. Therefore, it is abnormal to damage the ecological environment in exchange for economic benefits, to the lack of green in exchange for economic prosperity in economic and social development. The right way to develop the economy has to achieve the unification of economic and ecological benefits.

2. The Simultaneous Development of the Two New Global Economic Situation and Environment Industry

Following the agricultural economy and industrial economy, the world's two emerging economic situation is knowledge economy and circular economy. only to follow closely the new pulse can make real economic and social sustainable development.

Knowledge economy refers to that knowledge or modern science and technology as a factor plays a leading role in the process of social reproduction, which is bridge and link of knowledge that syncretizes with economic integration gradually (Wang Lei, 2007, p180-182). It includes a variety of high-tech industries as well as the use of modern science to the transformation of agriculture, industry and tertiary industry, and these do with the environment. In the context of knowledge economy, environmental technology with biotechnology and communications technology develop side by side has become one of the most promising of the three major

technical. Environmental industry as a new category of the economy will become a new growth point of the national economy. Recalling of the early 1980s, the problem of acid rain caused widespread concern in Europe. Germany enacted stringent environmental laws and regulations to urge the development and utilization of desulfurization technology quickly. To promote a large number of flue gas desulphurization technology, so that desulfurization equipment with a total investment of 14,300,000,000 marks in five years from 1983 to 1988. The move not only solved the problem of environmental protection, but also led to the development of environmental industries, and promoted the whole economic development to a new level. Environmental industries offer the provision of environmental equipment and services. More than the industry environment to reduce the losses caused by pollution, but also promoted economic system to upgrade technology. Japanese name the environmental protection as the “springboard” of the technological upgrading, and also believe that Japan should be founded on the environment in the 21st century. China's industrialization process has not yet been completed. There are of poor quality, low capacity for sustainable development in China's industry, which problems are the major factors lead to the environmental pollution. As a result, to reduce the distance between China and developed countries, we have to follow the trend of international economic integration, actively develop high-tech industries, achieve the industrial growth change from extensive to intensive type, improve the resources and energy's utilization, push the introduction of Environmental protection, and improve the quality of China's economic development. Therefore, knowledge economy and the environment industry are synchronized. Environmental industries development characterized high-tech and knowledge-intensive in knowledge economy society. All of scientific and technological achievements of the creation, expansion and the application in the environmental protection and related disciplines fields will directly lead the development of environmental industries. Environmental industries prepare a good social environment for the development of knowledge economy. They are closely and harmonious.

Recycling economy the new concept has a relationship that cannot be divided with the environmental industries. The so-called circular economy is to change the material single way of the traditional economy — “resources - products - pollution discharges, establish the material flow of the economic cycle — “resources - products - renewable resources”, which can compare with the ecosystem. The 16th CPC National Congress advanced: “the development of circular economy in China is effective means to resolve conflicts between environmental protection and economic development, implement the strategy of sustainable development, and achieve an important way for a new type of industrialization.” One of the important principle of recycling economy is the recycling, reduction and the innocuity of the wastes. From the basic characteristics of the recycling economy can illuminate that the resources recycled at the core of recycling economy. (Zhang Kun, 2003). Circular economy is a required course for the environmental industry. Circular economy's waste recycling industry is the only solution to urban sewage and garbage piles. The biggest benefit of developing the circular economy is that it can fundamentally solve the conflict between economic development and environmental protection for a long time. Currently, the main developed countries' renewable resources total value of 250,000,000,000 U.S. dollars and grow rate of 15-20% annually.

To recycled paper, for example, 1 ton of waste paper can yield 0.85 ton of good product recycled paper, saving 3 cubic meters of wood, 100 ton of water, 1.2 ton of coal, 600 degree electricity, which also can reduce a lot of water pollution Circular economy and the environment industry are also simultaneous develop. The ethos of environmental protection creates a good atmosphere for the recycling economy development and scientific research, and the recycling economy makes a big contribution for environmental industry. In accordance with the laws of ecology, the recycling economy uses the natural resources and environment capacity to achieve the ecologization from the economic activities.

To sum up, the more the social economic development, the more harmonious we should achieve with the

environment development, which can make the social productive forces and elements achieve the sustainable development at high speed, and promote the real progress in human society.

3. The Outlook of China's Economic and Environmental Harmonization

In order to fully implement the spirit of “Three Represents and the concept of scientific development” put forward by the Party Central Committee, the National People's Congress passed “the National Economic and Social Development, the 11-year plan outline”, which put resources and environmental protection at an important status, wish to achieve “persist in taking economic construction as the centre, achieve the double-win of environmental protection and economic development”. In the face of the rapid trend of economic globalization, it's essential for China to make the principle that economy and environment coordinated development (Zhu Guohong, 1995, p18-24; Xia Huanlong, 2006, p8-9).

Since acceding to the WTO, non-tariff barriers of trade barriers especially the green trade barriers has become the constraint factors that China's products could not enter the international markets. The prominent contradiction of our economic development is the structural problem. so the nation alleviated the pressure on the resources and the environmental conditions by adjusting the industrial structure. China has also actively pursued the policy of “one-controlled double standard”, that is, control the pollutant emissions, and achieve the emission standards of the industrial pollution and the urban environment domain. Some companies think that the cost and the power of pollution will reduce the economic efficiency of enterprises. This viewpoint will appears due to they went in the mental fallacies caused by analyzing the relationship between the environment and the economy without the long-term development and the dialectical unified views. The smart entrepreneurs think that “the good environment is also productivity”. Through the pollution control standards, not only will it alleviate the pressure on the country, to create a good corporate image, but also bring continuing economic benefits for the company. Reduce pollution to enable the rapid economic development, and provide an effective environment of space for developing large-scale, high-quality and high-tech industry.

Acceding to the WTO, choosing the export-oriented economic development, no matter the introduction of the project, or in the area of investment, we should give priority to environmental protection requirements. in the fight for greater trade liberalization, at the same time, we have to prevent environmental degradation. It is not only necessary to actively promote trade and economic development, but also to safeguard the interests of national resources and the environment. To join the WTO, it is necessary to understand constraints effect between economy and environment. Only to ensure the economy and environment are harmonized so that China can catch up on the pace of economic globalization.

Beijing Olympic Games and Paralympics Games were organized which made national jubilation. Since then, it is bound to bring a series of the appropriate economic measures such as urban planning, layout, construction of large facilities, , including the tourism industry the tertiary industry will also bring considerable economic benefits. If China can take full advantage of this opportunity to go on reasonable development and utilization of resources it will be beneficial; but if unreasonable to develop and utilize resources it will do harm to environmental protection. A city state of the environment, including natural and human environment, can reflect a country's civilization and national conditions, may also reflect the quality of the people. A good social environment can attract more funds, personnel, technology, equipments so that economy will grow. Therefore, in the development of urban construction, we can not just pursuit short-term economic benefits at the expense of the environment, but should be in accordance with scientific principles and systems of long-term significance of the reform and construction, elements of the natural environment as well as the history culture site must be effective protection, for the building of economic prosperity in harmony with nature as a garden city. I believe this city in the international arena will be more competitive and to bring the economic value of eco-tourism, sight-seeing value of the great economic benefits. This is so-called unification of the economy and the environment.

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