The predicament and realization path of China's eco-civilization construction

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Abstract: The communist party of China and the Chinese government have attached great importance to the construction of ecological civilization and have put forward a series of new ideas and measures for the construction of ecological civilization, which have further enriched and improved the socialist ecological theory system with Chinese characteristics. Based on the problems existing in the construction of ecological civilization and the causes of existing problems, this paper has a deeper understanding of the problems in practice and theory, such as the great rejuvenation of the Chinese nation, the coordination between economic development and environment, and the unification of building a moderately prosperous society in all respects and building a beautiful China.

1. Introduction
The eighteenth National Congress of the CPC put the construction of ecological civilization into the overall layout of the five-in-one cause of socialism with Chinese characteristics, and clearly put forward the strategic task of building a beautiful China and striving to move towards a new era of socialist ecological civilization. Since the 18th National Congress of the Communist Party of China, the Party Central Committee, with Comrade Xi Jinping as its core, has taken the construction of ecological civilization as an important part of realizing the great rejuvenation of the Chinese nation. It has put forward many paths for the realization of ecological civilization, which has greatly promoted the development of ecological civilization in China.

2. Problems in the construction of ecological civilization in China

2.1 The concept of ecological civilization needs to be firmly established, and the pattern of co-construction and co-governance has not yet been formed

2.1.1 Insufficient understanding of ecological civilization
Some local governments do not really implement the responsibility of ecological environment protection, do not fully understand the construction of ecological civilization, and lack of initiative and creativity. Some departments attach importance to arranging and disregarding the implementation of supervision. Some environmental governance and rehabilitation projects are slow. Some enterprises fail to fulfill the main responsibility of environmental protection, and some even exist illegal sewage.

2.1.2 Environmental protection mechanism is inefficient
The restriction mechanism of developing economy must take protecting environment as the premise is not perfect. Some enterprises have weak awareness of environmental supervision and management,
inadequate scientific and technological support for environmental protection, inefficient enforcement of environmental protection laws, and inadequate capacity for environmental protection supervision and management.

2.1.3 The joint action mechanism for environmental protection is not sound
The mechanism for the coordination and joint action between environmental protection departments and enterprises is not yet sound, and weak links exist in the construction and operation of regional joint action mechanisms, such as air, water and solid waste.

2.2 The problem of ecological environment is serious, and the situation of environmental governance is serious too.

2.2.1 Atmospheric environmental quality is difficult to achieve in 2020
The situation of fine particulate and inhalable particulate pollution is still grim. Ozone pollution is becoming increasingly prominent. The control of VOCs pollution in key industries and enterprises is lagging behind. The pollution from motor vehicles and non-road mobile sources is prominent. The level of urban fine management is not high.

2.2.2 The problem of water pollution in rivers, lakes and seas has not been fundamentally solved
In some local watersheds, the degradation of ecological function is still serious. A large number of diversion-type and dam-type power stations make the river flow velocity and water quality decrease, and the eutrophication pollution of water body aggravate.

2.2.3 Soil pollution is heavier in some areas
In a fairly long period of time, industrial "waste gas, waste water, waste residue discharge" and the application of agricultural chemicals have led to a significant increase in toxic and harmful substances in some areas of the soil, and some areas exceed the standard seriously.

2.3 Green development needs to be optimized and industrial structure needs to be upgraded

2.3.1 Urban construction land needs further optimization
In some urban centers, there are still industrial and warehousing land which is not suitable for the function of the central city. This situation has a certain negative impact on the comprehensive utilization of land, urban environment and security. These cities are easy to be surrounded by pollution.

2.3.2 The industrial structure needs further optimization
There are still some problems such as heavy industrial structure, unreasonable energy structure and extensive development model, and there is great pressure to promote China's industrial transformation and upgrading.

2.3.3 The concept of green environmental protection needs to be further rooted in the hearts of the people
The construction of green industrial chain and breakthrough of green key technology are relatively slow, and the scale of energy-saving and environmental protection industry is generally small. The concept of green consumption, green travel and green living of the public has not yet been fully established, and a low-carbon, environmentally friendly, thrifty and healthy lifestyle needs to be further popularized.

3. Causes of problems in ecological civilization construction

3.1 Insufficient understanding of severe environmental situation
The severe environmental situation has a great impact on the economic and social development of our country. Environmental problems affect the improvement of people's quality of life. Air pollution and water pollution are very serious in China. People's working and living in such an environment will seriously affect their health. Environmental problems affect the effective development and utilization of China's resources. Excessive discharge of waste gas, waste water and waste residue not only destroys the environment, but also wastes resources. At the same time, environmental problems affect the development and utilization of resources. Such phenomena as illegal exploitation, chaotic development and arbitrary fishing have added to the damage to the environment.

Influence the expansion of China's foreign trade. Due to the increasing awareness of environmental protection in developed countries and the increasingly stringent environmental standards for imported goods, a considerable number of Chinese goods have been excluded.

China's fragile ecosystems, such as improper exploitation and utilization, are easily damaged and difficult to recover. Therefore, we can not take the old road of pollution first and then governance in developed countries. China should stick to the road of sustainable development. [1]

3.2 The environmental protection system is relatively backward
An important reason why the environmental problem has become a prominent problem in China's economic and social development is that China's environmental protection system is relatively backward. In 1992, Deng Xiaoping pointed out that it would take about 30 years for China to develop a more comprehensive environmental protection system. [2] Most of the environmental protection systems in China were formed in the 1980s, some of which were not specific or strictly implemented, thus rendering some environmental protection systems virtually non-existent. [3] After the 18th national congress of the communist party of China (CPC), xi pointed out: " China will implement the most stringent system... China should establish a system of accountability. Those who blindly make decisions regardless of the ecological environment, and cause serious consequences, must be investigated for life. [4]

3.3 Ecological environment affects people's livelihood
At present, China's environmental pollution, resource depletion and ecological degradation have seriously affected people's livelihood. Some serious ecological pollution even lead to group malignant diseases, causing people to die. In contemporary China, the problem of ecological livelihood has attracted much public attention, but ecological thinking has not yet been effectively formed. Xi Jinping pointed out that compared with the past people's pursuit of food and clothing and survival, people are more concerned about environmental protection and ecology.

The best basic livelihood demands of the public are to enjoy high-quality ecological environment. Air, water and land are the foundation of the people's survival and development. We should strive to control the atmosphere, purify water, increase green and protect blue, so that the people can have a basic living environment of blue sky, green land and clean water. This is the greatest fact of people's livelihood. [5]

3.4 Measures to implement ecological civilization are not effective
In the face of serious environmental pollution, gradual reduction of energy resources and degradation of ecosystems, China needs to take further effective measures. The per capita occupancy of many natural resources in China is lower than the world average and energy resources are relatively insufficient. For a long time, the extensive mode of growth has made the resource problem more prominent and urgent.

With the development of industrialization, serious air pollution, water pollution, soil harmful substances exceeding the standard and other ecological problems are increasingly threatening the health of the broad masses of people and social development. To solve the serious problems of environmental pollution and resource shortage, we must change the mode of economic development.
The key to solving the contradiction between economic development and resources and environment is to change the mode of economic development, adjust the economic structure and improve the quality and efficiency of economic development. The problem of "high pollution, high consumption and low production capacity" has long existed in China's economic growth mode, resulting in waste of resources and environmental pollution. These problems have not yet been fundamentally solved.

4. The way out of the predicament of China's ecological civilization construction

The relationship between man and nature has been throughout the development of human civilization. "Ecological prosperity is civilization and prosperity, ecological decline is civilization decline." [6] Ecological civilization is the inevitable trend and new form of human civilization. The socialist system with public ownership as the main body laid the foundation for the harmonious coexistence of human beings and nature [7]. Therefore, the 18th National Congress of the Communist Party of China proposed that we should cherish nature more consciously, protect ecology more actively, and strive to move towards a new era of socialist ecological civilization. [8]

4.1 We should strengthen publicity and education so that the government and people can fully understand the severe environmental protection situation

In the construction of ecological civilization, propaganda and education, as the leading edge in environmental protection work, has always been accompanied by the construction of ecological civilization. Strengthening the propaganda and education of ecological civilization is a top priority for our current work. Xi Jinping stressed: "We should strengthen the propaganda and education of ecological civilization, enhance the consciousness of saving, environmental protection and ecological awareness of the whole people, and create a good atmosphere of protecting the ecological environment".

Through further study and propaganda of ecological civilization, we have made the broad masses of people realize the importance of respecting, conforming to and protecting nature. We should let the whole society have a clear understanding of the necessity of environmental protection and governance and the importance of ecological civilization construction. We should consciously put this understanding into action. Each of us should be the communicator, promoter and builder of ecological civilization.

4.2 Establishing a strict ecological and environmental protection system

"We need to improve the strict farmland protection system, water resource management system and environmental protection system," the report to the 18th national congress of the CPC pointed out. As for improving the assessment system for economic and social development and establishing the accountability system, xi pointed out that "only by implementing the most rigorous system and the most rigorous rule of law can we provide a reliable guarantee for the construction of ecological civilization". [9]

The Third Plenary Session of the Eighteenth Central Committee of the CPC put forward from the point of view of the whole process of ecological environmental protection: "To build ecological civilization, we must establish a complete system of ecological civilization, implement the most stringent system of source protection, compensation for damage, accountability system, and improve the system of environmental governance and ecological restoration." It was put forward in the fourth Plenary Session of the 18th CPC Central Committee: "we must protect the ecological environment with strict legal system". [11] The fifth plenary session of the 18th CPC central committee once again stressed that "we must implement the strictest water resource management system", "adhere to the strictest land conservation system" and "implement the strictest environmental protection system".
4.3 Popularizing and publicizing ecological livelihood thoughts
The core of ecological livelihood thinking is to emphasize ecological livelihood and promote harmonious social development. Xi Jinping pointed out that: "building an ecological civilization is related to the well-being of the people and the future of the nation." [12] The purpose of all our work is to maintain, achieve and develop the interests of the people. The construction of ecological civilization is also aimed at the fundamental interests of the masses. A good ecological environment is the most equitable public product and the most.

Therefore, the people's demand for a good ecological environment is getting higher and higher, ecological environment problems are becoming more and more prominent livelihood issues. Xi Jinping has repeatedly stressed that we must integrate the protection of the ecological environment with the realization of social and economic benefits to create a good ecological environment for the people.

4.4 We will address several important issues in building an ecological civilization

4.4.1 We will improve the quality of the environment and resolutely achieve victory in preventing and controlling pollution
We should take solving outstanding environmental problems as a priority area for the people's livelihood, give priority to ecological protection and restoration, and win the battles of defending the blue sky, water and land.

4.4.2 Accelerating the green development mode
"One of the most serious problems facing the planet is inappropriate consumption and production patterns, which lead to environmental degradation, increased poverty and imbalances in the development of countries," said at Agenda 21 adopted by the United Nations Conference on Environment and Development. Therefore, we should make great efforts to adjust the economic structure and energy structure, adjust the industrial layout of the regional watershed, promote the comprehensive conservation and recycling of resources, and build a green production mode with high quality development.

4.4.3 We will strengthen comprehensive environmental management and fight the battle of protecting and repairing the rivers and lakes
We should adhere to the scientific nature concept of human and nature as a community of life, carry out major projects to protect and restore important ecosystems, build ecological corridors and biodiversity conservation networks, and further build regional ecological security patterns.

4.4.4 Highlighting the living environment and building a beautiful countryside with beautiful mountains and rivers
We must deepen the improvement of the rural living environment, fight agro-rural pollution control battle, and achieve ecological livable; We need to accelerate the establishment of a modern agricultural system. We must vigorously carry out the rural culture prosperity action, promote the rural culture prosperity, enhance the spirit of farmers in the new era, and raise the level of rural social civilization.

4.4.5 We should establish a green and low-carbon philosophy and accelerate the building of a green lifestyle
We should cultivate the concept of green low-carbon, vigorously promote the concept of environmental protection, environmental protection; we should vigorously promote green travel, advocate energy conservation, improve energy efficiency, reduce pollution, but also conducive to health and efficiency of the way of travel; We should optimize the green consumption environment and use marketization to form a good consumption environment.
5. Conclusion
Since the 18th National Congress of the CPC, the CPC Central Committee, with Xi Jinping as its core, has put forward a series of new ideas, new ideas and new strategies on the construction of ecological civilization in the practice of governing the country and governing politics. These thoughts closely link human civilization with ecological construction, scientifically answer the relationship between ecology and human civilization, highlight the Chinese Communists’ profound understanding of the law of human civilization development, natural law and economic and social development, and enrich and develop the Marxist ecological concept. This important thought will certainly promote the development of ecological civilization in China and the world, and will certainly promote China and the world to move towards a new era of ecological civilization.

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