

Resource-Saving Society and Civic Saving-Awareness Construction

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Abstract—With the advent of a new period of building a moderately prosperous society, the deterioration of the ecological environment, high consumption of energy, irrational industrial structure, such problems above are still the potential factors of restricting social development. To build a resource-saving society (BARSS) and to achieve a sustainable development is a major decision from China's national conditions. In order to build a resource-saving society and try to do one's duty, the social citizen should establish his honor to frugality perception, we should perfect the relevant laws and regulations, and strengthen the power of science and technology.

Index Terms—sustainable development, resource-saving society, citizen's saving consciousness, law, science and technology

I. BARSS IS THE ONLY WAY FOR SUSTAINABLE DEVELOPMENT

In order to build resource-saving society we should improve the mechanism to provide scientific and technical support. To carry out social education means, to mobilize the whole society to save resources and make more efficient use of our resources, and this is the most convenient to support the Chinese economic and social sustainable development.

A. Barss is Desirability for Sustainable Development

The development of the world economic shows two major trends named the knowledge economy and the circular economy since the beginning of the new century. In the process of economic operation, material resources are replaced with intellectual resources, that is a knowledge-based economy and has to achieve economic activity change of knowledge. The circular economy is the use of natural resources in accordance with the laws of ecology and environmental capacity which is to realize the economic activities of the ecological steering. In Western countries, the development of circular economy and building a resource-saving society has become a tide or a trend [1]. Savings for building a resource-saving society is relative to waste, we must clearly recognize that China's economic development will continue to be based on the mass consumption of natural resources for quite a long period of time, and thus improving the efficiency of resources utilization, the reduction of low

efficiency of waste and dealing well with the relationship between resource utilization and ecological environment are the an only good development way. For a long time, China attaches great importance to saving social construction, and achieves positive results. National Bureau of Statistics released the data, and the country's total energy consumption reached 3.25 billion tons of standard coal, up 5.9%. 10,000 GDP energy consumption fell 4.01% in 2010. However, China's total energy consumption in 2011 reached 3.48 billion tons of standard coal, which had an increase of 7.0% over the previous year, and the National's 10,000 GDP energy consumption fell 2.01%. The total energy consumption in 2011 grew faster than the 1.1 percent in 2010, and 10,000 yuan of gross domestic product (GDP) energy consumption decline was slower than in 2010, two percentage points. It shows that China is currently in the rapid advance stage of industrialization and urbanization, energy, resource demand is growing at an unprecedented rate. Especially in recent years, China's high economic growth built in high energy consumption, the sources of energy, fresh water, land, mineral and other resources to further highlight: on the one hand the sources of energy, resource supply and demand tensions already very apparent, most of the mineral resources per capita is less than half the world average level; energy resources supply and demand tension trend has very obvious, most of the mineral resources per capita is less than half of the world average; On the other hand, in our energy, resource constraints, while the waste are becoming increasingly serious. With the further expansion of China's economy, residents' consumption structure escalation, resource supply and demand in China and growing environmental pressures. Therefore building a resource-saving society is to ensure that the objective need of sustainable development of China's economic and social health.

B. Barss is A Long-Term and Comprehensive Work.

According to the country "1025" energy plan, the "1025" period in China's energy consumption controls in 41 billion tons Biao Mei left and right sides and the power consumption controls in 6.4 trillion KWH. Despite the plan is strictly able to control the various local government's total energy consumption increased, but we should also see the construction of a resource-saving, pro-environmental society is not only related to the economic

and social fields, but also related to people's life, it still has a lot of work to do and also need many system, measures keep up with for building a resource-saving, pro-environmental society. Our country is necessary to take effective measures to achieve the transformation of economic growth mode from extensive to intensive; should also increase the economic structural adjustment efforts, promote the optimization and upgrading of industrial structure, promoting national economic and social information; necessary to vigorously develop the circular economy, from resource extraction, production and consumption, waste utilization and social consumption sectors, accelerate the comprehensive utilization of resources and recycling; should pay close attention to the development of the coordination of national resources rational development and utilization planning and sound policy system to achieve economic and social resources and environment development; necessary to strengthen the macro-planning and guidance mechanisms to conserve resources, the formulation of policies and laws, should do a good job in the organs, enterprises, business groups, households to save a drop of water, once electricity saving propaganda and guidance work, saving is regard as a strategic work related to China's economic and social development, as well as one of China's each citizen's behavior. It's not an easy thing to build a resource-saving society, the apparent effectiveness of saving society perhaps need many years' efforts, therefore we must firmly establish this kind of thought and consciousness from now on, let the conscious of building a resource saving society ideas into each person's action, so that saving becomes a habit.

II. CULTIVATING OF CITIZENS' WARENESS OF CONSERVE RESOURCES AND PROTECT THE ENVIRONMENT

A. *Improvement People's Resource-Saving Awareness*

Citizen is the main body of building a resource-saving society, the citizen has the rational rights and sense of responsibility through the cultivation of citizen consciousness, that will fundamentally promote the process of saving society. Civic consciousness is a kind of modern consciousness which includes the sense of responsibility of the citizens of the state and society. To construct a economical society, involves the content is closely linked with everyone, it is through the whole society of different classes of people trying to achieve. As a citizen, he is in the economical society and participates in the social production and living activities, in a sense, it can be said that when everyone cares about, participation, promote economy, that is a resource-conserving society built date. In order to create the good environment of the premise, we must enhance the whole nation's resources suffering consciousness and environmental protection consciousness and set up the concept of resource conservation in the whole society. The environmental crisis has been involved in each individual life on Earth. The phenomenon happened all over the world such as the

Green House effect, ozone holes and acid rain is over the force of nature warning line through the research by Herman Wear in 2001. It is an inherent balance between the production and creative process of the human society and the substance of the environment and the energy conversion process, if it exceeds the environmental carrying capacity, this balance will be broken, not even repeat [2]. It's everyone's duty to protect the environment, start from me, start from now and start from the things nearby to overcome the bad habits of damage the environment, thus achieve the harmony and unity of man and nature. At present, it doesn't have a strong awareness of the environment, and the society is also lacking of civic awareness for promoting pro-environmental society. The environmental pollution is an urgent requirement to adjust and standardize the behavior, the mentality of people in the environmental aspects of new environmental ethics.

B. *Carry forward the Chinese National Thrifty Virtue*

The traditional virtues of China has always advocated diligence and frugality, national revitalization like a needle pole, ruining watery push sand. Both Confucius and Confucianism have the level of consumption, or Lao-tze and Taoist proposed without consumption, both tend to dismisses extravagantly honors thriftily, which reflects the ancient Chinese social and economic development level of social consumption restriction. Consistent philosophy of the ancients thrift Heaven, emphasizing the harmony of man and nature, so as to protect and conserve natural resources, promote ecological health, harmonious and sustainable development of the purpose of this wisdom for us to build a saving social ethics resources and moral support. Confucianism emphasizes the relationships should be treated differently in spite of the thrift of Chinese traditional culture, the negative effect is pomp in the consumption process, even if the economy isn't good ,the human consumption is not neglect. This excessive consumption will have a hotbed, so that the austerity thinking will encounter obstacles at sometimes. Our energy saving consciousness is still very weak, there are many not scientific, not healthy, not civilized consumption patterns, resulting in waste of resources is quite amazing. Today's saving is to develop a more scientific and reasonable consumer attitudes and habits, thus saving the glorious, shameful waste of social morality. It can be used only let the savings become a tradition, habit, put the saving ideas into the social cultural. It's a part of the advanced national culture and the fine national tradition to advocate the saving way of life, and regard it as an important part of the conservation-oriented society [3]. Set up the saving glory, waste shameful culture idea set the sacrifice descendants living conditions of shame for social fashion, is the current activities to protect the ecological environment of the important moral impetus.

C. *Advocate Economical Way of Life*

Life consumer is not a small figure. Most western are very saving in their daily lives, Such as the British use the paper and mail to the presentation data, used to

accumulate up never discarded stay to do the next thing with the print on the back. Another case in primary school textbooks, younger students often took the high-grade, until it should not be reused till. Many Swedes work does not drive a car, because they think a person driving a car trip is too wasted under special circumstances. Germany is the green one of the leading countries in the world today. Leading mainly reflected in two aspects: First, the strong development of environmental technologies and applications, second, the public environmental concern and participation. German household in front of the trash can reflect the German environmental awareness. The first arrived in Germany, will inevitably have a trash can in front of colorful curiosity. The residential front of generally have four bright yellow blue black green trash, are affixed to the straightforward waste classification pattern. Stated on the yellow barrels loaded scrap metal, collect waste paper box and plastic blue barrel, black barrel, ordinary garbage, trash a new family of green barrels collect new classification from ordinary garbage out tea and shells bio waste. German provisions are very complex in the trash in fact, but most Germans work in accordance with the provisions to be strict in their demands. Waste separation and recovery is conducive to waste recycling and reduce waste pollution, while it can increase economic efficiency. Implementation of garbage separation and recovery is just a microcosm of the importance of environmental protection in Germany. It can urge the whole society to save resources from the conservation awareness of developed countries. It's a kind of reference for our country which is ravaged by resources.

III. PERFECT LEGAL SYSTEM FOR RESOURCE-SAVING SOCIETY

Currently, China has initially formed a multi-field, multi-level resource conservation regulations system which involves several system such as regulation system, market system and regulatory system, in which national resources sector regard the national basic law as the core, and matching up with state administrative regulations, departmental regulations, normative documents and business rules. China has promulgated "Land Law", "Water Law", "Forest Law", "Marine Environmental Protection Law", "Water Pollution Prevention Law", "Grassland Law", "Mineral Resources Law", "Environmental Protection Law", "Environmental Impact Assessment Law" and other basic legal. Despite the country has introduced a number of laws and regulations in terms of resources and conservation, most of them still have limitation, cannot to resolve the prominent contradiction between supply and demand, the issues of energy security and the tremendous pressure from environmental protection. In view of the current difficult task, reducing energy consumption, it is necessary to establish a comprehensive adaptation resource-saving society's legal system in China.

A. *Building Economical Government and Controlling of Administrative Cost*

The purpose of government administrative cost control is reducing administrative costs, and preferentially considers using the limited financial resources on the livelihood of the people and the other major issues, and using of limited resources to provide the public products for the society as much as possible. For a long time, People are more concerned about the honesty and efficiency of government, but little attention to the problem of the government's thrift. Government organization increasingly huge, people paid more and more to maintain the government. Particularly, a large number of administrative costs of Chinese local governments have occupied most of the finance. On priorities of public finances, the priority of the people's livelihood, employment, environment, public utilities and so on has not been reflected. Although Chinese economic development has got remarkable achievements, China's fiscal revenue and expenditure contradictions show that finance income still can't meet the basic needs of the public, such as in public education, health and social security and other aspects exist of a serious shortage of funds. Under the condition of the revenue and expenditure contradictions increasingly prominent, administrative costs more should be reduced to make the limited financial resources used in the most appropriate place and beneficial to the people. Therefore, to build a conservation-oriented government must control administrative costs [4].

B. *Strengthening the Supervision of Financial Expenditure.*

The supervision of financial expenditure needs to strengthen, and needs to build a diversified public financial supervision mechanism. To improve the supervision of financial expenditure from the National People's Congress (NPC), NPC at all levels should be monitored all levels of government budget implementation, they should conducting regular supervision to the administrative department through investigations and hearings, etc., turn the key to the daily supervision, to achieve all-round, multi-level and multi-link supervision, so that the daily supervision throughout all areas of the financial activities. Strengthen the audit supervision and discipline inspection supervision, strengthen budget implementation audit of the department and leading cadres outgoing audit. Improve the level of auditing and monitoring standard. Strengthen the supervision of the media and the public, established the Government agencies public spending of disclosure mechanism, make the government agencies spending under the supervision of subjected to media and the public. The financial accounts of local governments should be truly open to the public, to accept all aspects supervision, to create a society and the masses supervision mechanisms and atmosphere.

C. *Enhanced Transparency of Public Finances*

Transparency of public finances should be enhanced, and the rigid constraints of budget should be strengthened.

So government needs to refine budgeting at first, and to implement departmental budgets and refine the general budget fully, solve the rough draft of the budget, the project rough, budget statements less account level and transparent low problem effectively. Budget categories subjects should be set by department, the following set up subsidiary project, under the categories of subjects preparing detailed budget according to the expenditure items by funds, items, projects. In terms of administrative funding, budgetary funds should be assigned to specific company, projects, should strive to achieve each primary budget company of each expense item can be reflected in the budget, each payment well-founded. So that the supervision of administrative expenditures could be strengthen from the source. Reasonable budget need more rigid constraint mechanism. Generally, once the budget is approved by the legislature, it has the force of law, must be strictly enforced. Special circumstances require supplementary budget must be in accordance with statutory procedure approved by national people's congress and changes in the annual budget to be controlled within a certain range in order to maintain the seriousness of the budget.

D. Improving Budget Management System

Our government budget management should be strengthened, the performance budgeting system needs to implement. Performance budgeting is based on the department budget system of budget management process, Performance budget make the performance indicators, cost accounting and budget execution results are included in the budget system and conducting system management, performance budget for the public sector in the provision of public goods and services in the process of human, financial and material resources to plan, measure and control, so that the limited resources to achieve the maximum effect. At present, the Chinese government budget management has a problem that ignored the performance and result, scientific budget of the allocation needs to be further improved, the seriousness of budget implementation should be improved. Therefore, strengthening budget management of our government is the fundamental way to promote the performance of public budget. Performance budget combine the performance evaluation and budget, help make government departments in accordance with the cost benefit principle of optimal allocation of resources, improve the effective use of financial funds.

IV. IMPROVE THE RESOURCE CONSERVATION SOCIETY AND TECHNOLOGY SUPPORT SYSTEM

A. Strengthen Processing Ability of Resource Conservation Society

The information exchange platform should be established, the development of conservation -minded society must be based on the developed information system. Such as the achievement of enterprise energy comprehensive utilization technology, link between enterprises and enterprises of industry, the integration of

resources, the mutual transfer of renewable resources and so on, all of these need to by means of advanced information network. In modern market, the intermediary system is imperfect. Government should assist to establish the information service system for promoting conservation-minded society, and integrates that information of the nature and source of waste, conservation-minded enterprise and conservation-minded technologies, and regulate information collection, synthesis, transmission and feedback mechanism. Regarded the e-government and enterprises information resources sharing as the key and breakthrough point, Government should establish resource-saving information exchange platform, to realize the resources sharing, providing information support to realize waste and energy exchange between enterprises.

B. Establish Society Scientific Index System of Resource-Saving

The essence of resource-saving society is to improve the ecological efficiency of economic resources, to establish an optimal coordination mechanism between the target goal of economic development and ecological environment. In order to evaluate the development of the resource conservation society, for guide the Policy and practice of resource saving society, it is necessary to establish a resource-saving society evaluation index system. Establishing the index system can full measure of regional economic and social development, ecological environment benefits and cycle characteristics, resources and energy use efficiency, establish organic connection between economic development and ecological environment, to realize the win-win for economic development, social progress and environmental protection. The indicator system should start from the principle of sustainable development and the manpower resource conserving society, reflecting the level and potential of economic development, savings resources utilization and environmental pollution governance in the comprehensive aspects. The establishment principle of the indicator system is policy relevance, good scalability and comparability, analyze, science system and so on.

C. Strengthen Developing High-Tech Resource-Saving Industries

Full development and utilization of renewable resources are the world economic development trends and the Organization for Economic Co-operation and Development (OECD) study shows that based on the concept of circular economy is the environmental industry, it will as a new economic growth points and information technology, biotechnology, which As one of the three major areas of contemporary the most development potential and is one of the leading industries in twenty-first century [5]. Through the development of the environmental industry, strengthen the comprehensive utilization of "three wastes", the full development and utilization of renewable resources, new energy and

renewable energy, extend the industrial chain, open up new areas of production, increase employment opportunities, and assume the functions of decomposer, harmlessly to dispose the can't recycling pollutants. The progress of science and technology is an important driving force for economic growth, but also an effective means to promote resource conservation, to actively promote the development of resource conservation technology, set up to promote industrial technology innovation system for sustainable use of resources and environmental protection, break through the bottleneck of resource conservation technology, accelerate the transformation of scientific and technological achievements. Organize and implement major technology demonstration resource conservation, popularization and application of advanced and efficient energy-saving, water-saving equipment and appliances. Traditional industries should be transformed by high technology and advanced applicable technology. Promote high technology and the tertiary industry development and upgrading, from the overall comprehensive to enhance resource conservation technology. Through scientific and technological innovation promote extensive, promote the progress from the extensive and low efficiency to the intensive and high efficiency technology, and improve the level of management, fully tap the potential efficiency that the formation of resource-saving way to manage growth.

V. CONCLUSION

In short, we must enhance the sense of hardship under the growing situation what the development of economic depend on the energy, and build a huge network of building a resource-saving society by our will, action, laws, science and technology. Guide the consumption patters of change by the consumption concept of conserve resources and gradually form a civilization and saving patterns of behavior, form a good habit that everyone has a sense of responsibility and put forth our strength for building a resource-saving society.

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