

The Importance of Founding Statistical System for the Comprehensive Utilization of Natural Resources

Du Huanzheng
Po Box 105 Jiaxing College,
56, Yuexiu Nan Lu, Zhejiang, China
E-MAIL: ROSE@MAIL.JXPTT.ZJ.CN

1. The necessity of founding the statistical system for the utilization of natural resources

The global economy tends to be more scientific and circulative in 21st century. Hereby we call it the scientific and circulative economy. The purpose of circulative economy is to minimize the damage caused by the waste. To make it harmless to our surroundings and furthermore to convert it into the useful material the comprehensive utilization of the natural resources (c.u.n.r.) is a sustainable social development strategy.

More and more countries in the world realize the importance of setting up a sustainable development strategy for the society, economy and environment, thus requiring a change in each country's statistical system.

The united nations statistic commission considered that sna was unable to mirror the environmental costing and the consumption of the resources. So they developed the sna into seea, i.e. the statistic for the environmental economic analysis). The c.u.n.r. plays an important role in the development of environment according to the statistical system established by the un sustainable development commission. In general, the foundation of the statistical system lays a solid foundation in perfecting the seea.

In china, the collection and analysis for statistics is distributed to several departments and each department just takes care of its own work. Problem occurs due to the lack of overall consideration and all-round arrangement because the planned economy has changed into market economy and with it the reformation of the government organizations follows. The rules for c.u.n.a. which established on the basis of the planned economy was abolished. This has brought difficulties in working for the statistical system. At the same time, the seea has lost its reliability and the operations deals with the utilization of the natural resources are unable to get the necessary information. So the establishment of the statistical system is imperative.

2. The blue-print for the comprehensive utilization of the natural resources

I. A promoted pattern for the utilization

To convert the resources into useful ones, the c.u.n.r. is a practice in which the material resources undergo a program of development subject to its composition and inborn nature, further processing, recycling and regeneration.

ii. The general outline of the statistical system

Council for national trading department, which administer the c.u.n.r., and the national statistical commission, which put the seea system into effect, the government is responsible for building up an operational statistical system and between the preceding and the following in the operational system. They are in charge of the enforcement of the utilization. The enterprise is composed of the ones which reclaim and recomposite the waste material, the ones dealing of production, and the ones which handles the reproduction of waste. The Internet will integrate the government, the associations and the enterprises into a statistical system.

iii. The key elements which involves in the statistical system

Comprehensively utilize the mineral resources in the process of mining. To retrieve the metal found in the intergrowth and associated mineral. To increase the rate of reclamation during mining. To treat equally with the waste in the process of production, including the utilization of the waste and gas. To reclaim the waste in the process of social consumption, such as waste metal paper and so on. The above mentioned activities can be measured by the criterias such as the volume of output and reclamation, the value and rate of reclamation, the generation rate of solid wastes.

iv. The running of the statistical system

Rules and regulations will be made by the national trading department and the statistical commission. The enterprises with its sales amount go beyond 5 million yuan per year are required to fill in the forms for reporting statistics and forward the information to the associations and accounting departments through internet.

Reference books

(1992) Stride forward toward the 21st century--the collection of documents made by the united nations environment and development commission. china environmental science press.

Resume

Creer un systeme statistique permettant l'utilisation integrale des ressources naturelles

L'humanite evolue de facon integrale sur les plans economique, social et ecologique. Ainsi, l'utilisation rationnelle des ressources s'avere-t-elle d'autant plus importante que les ressources sont limitees et que l'environnement ne cesse d'etre polue. La chine souffre actuellement du manque d'un systeme statistique dans le domaine de l'utilisation des ressources; ce qui cree des difficultes dans la gestion et la distribution de ses ressources. Le present article traite de l'importance et du contenu d'un tel systeme.