

# MANAGEMENT OF COST-EFFECTIVE USAGE OF RESOURCES IN A STEADY ECONOMIC DEVELOPMENT

**Sergey Shevtsov**

*Sumy State University, Sumy, Ukraine*

Economic and social development of the country and resolving of environmental problems is impossible without transition to more effective model of social production and consumption as well as without facelift of the usage of resources. Expanding and extension of cost effective usage of resources promotes the transition of Ukraine to more balanced model of development and accelerates the process of integration into the global world economy.

Recourse saving is one of the most effective ways to develop the economy. It brings together the key elements of production: energy, materials and technology.

In a process of shifting to the cost-effective usage of resources of an enterprise will go through the following steps:

1. development and implementation of recourse saving technologies;
2. creation and further usage of brand new highly efficient materials, that can substitute their natural alternative;
3. reduction of material consumption in a social production by creating the best possible structure of raw-material base and fuel and energy sector;
4. improvement of the product quality that leads to an increase of its operational period or reduction of its consumption volumes;
5. reducing wastage of raw-material and energy resources at all stages of their production, processing and usage;
6. waste processing at all stages of the production;
7. all-in material usage for waste minimization.

The most efficient recourse-saving activities are achieved at the micro level. They can be accomplished not solely through production efficiency, but as well through the management processes.

Efficiency of the resource-saving management depends on the system of the governance. It can be observed through the principle of the system functional completeness, i.e. separation of functions that can ensure an efficient implementation of the recourse-saving management.

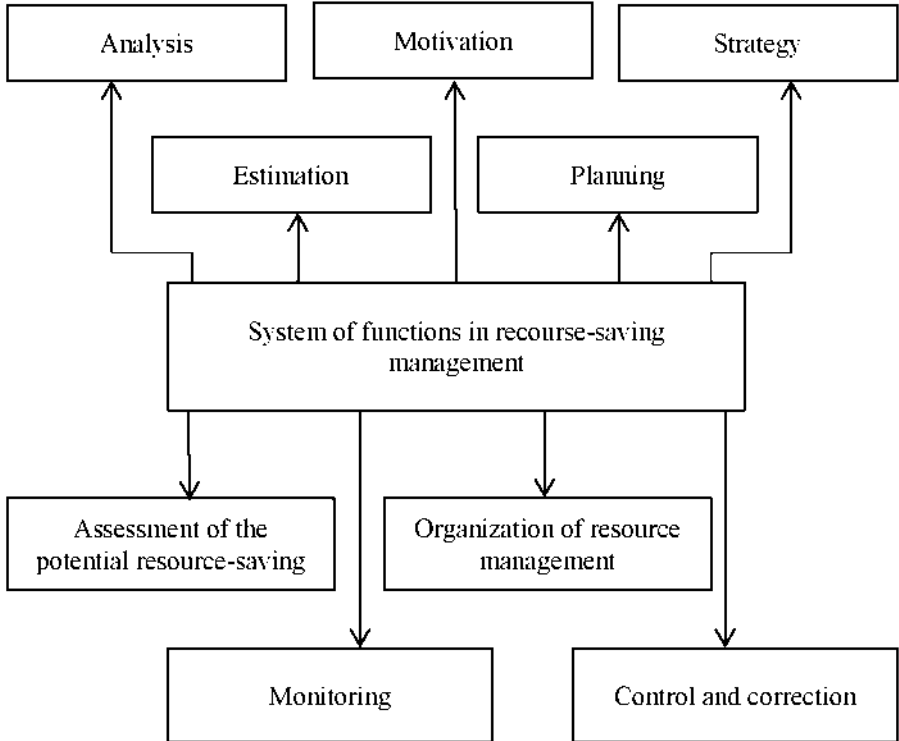
These functions will form a strategy for the further development of resource-saving management system, thus they should meet the following requirements:

1. Recognition of the importance of resource-saving processes and its subsequent reflection in objectives and strategic plans of the enterprise
2. Understanding the potential economic, social and environmental benefits for an

enterprise of implementing the recourse-saving policy.

3. Calculations of estimated total costs related to the resource-saving measures and prevented economic damage resulting from their implementation.

4. Control of resource-saving system to secure its suitability to the set goals in order to improve the efficiency of financial and economic activity of the enterprise and the environment.



Pic. 1: System of functions in recourse-saving management at the enterprise

1. Ensuring an effective motivation, implementation of demonstrational and training programs on cos-effective usage of recourses.

2. Development of a waste management system by favoring recycling aspect and reducing dependence on non-renewable energy sources.