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## **STRATEGIC DIRECTIONS OF TRANSFORMATION FUEL AND ENERGY COMPLEX ON THE REGIONAL LEVEL**

*The article considers the current aspects of function fuel and energy complex (FEC) in Ukraine. Shows the main directions of transformation FEC to ecology-oriented economy.*

**Keywords:** *fuel and energy complex, ecology-oriented economy, transformation, strategic direction.*

*Рассмотрены современные аспекты функционирования топливно-энергетического комплекса (ТЭК) в Украине. Выявлены основные направления трансформации ТЭК в направлении эколого-ориентированной экономики.*

**Ключевые слова:** *топливно-энергетический комплекс, экологически ориентированная экономика, трансформация, стратегические направления.*

Nowadays sustainable growth of any country is based on knowledge, information, innovations and can be achieved with the help of regional support. In the present conditions economy depends on technological developments and costs. Numerous crises faced by the countries stimulate their activity to ecology-oriented economy. So, successful transformation to such economy is the main task for the whole global society.

It is well known, that any transformation refers to a long-term change, driven by continuous improvement in sector productivity growth rate. In this context, nearly half of the national industry is waiting for significant transformation. It's the main indicator of radical industrial changes.

Fuel and energy complex is the basis of functioning Ukraine's economy. This is due to energy resources used in the production of all kinds of goods and services. It is well known that FEC provides extraction, transportation, storage, production and distribution of all types of energy resources: gas, oil and its derivatives, solid fuels, electrical and heat energy.

Stable and efficient operation of FEC is the key to economic, political, and social security. But, at the same time it deals with harmful effects on the environment. Accordingly, it is an urgent problem of minimization of eco-destructive impact on the environment and creation an economic mechanism for sustainable transformation of fuel and energy complex on the regional level [1].

The most significant problems of FEC transformation in Ukraine is the need of huge investments and effective development capacity for resource-saving technologies. Therefore, the main task is to improve ecological situation and environmental safety by means of [2]:

- FEC management structure optimization;
- introduction of environmentally safe technologies;
- modernization;
- waste minimization and etc.

Effective transformation is possible only when it is based on the use of a complex set of directions. The main strategic directions of FEC transformation to ecology-oriented economy on the region level are [3] (fig. 1):

1. Adaptation is aimed at transition FEC to ecology-oriented economy. This direction requires properties of flexibility, stability and maneuverability, allows not only change from internal and external conditions, but also based on appropriate organizational and managerial aspects. In this way FEC enterprises adapt to ecological and economic conditions and become easy to perform.

2. Compensation is a direction for FEC enterprises for compensation ecological and economic failures and aimed at return to its initial state. It is a direction by which counterbalances or makes up for an undesirable or unwelcome state of affairs.

3. Bifurcation is change in FEC structure for execution one block or other of commands depending on the result of a condition. It means splitting into smaller units, subdivision. Bifurcation can occur when FEC enterprises divides into separate divisions, thereby creating new conditions for development.

4. Interaction is distribution of innovations, achievement of advanced ideas and scientific research use.

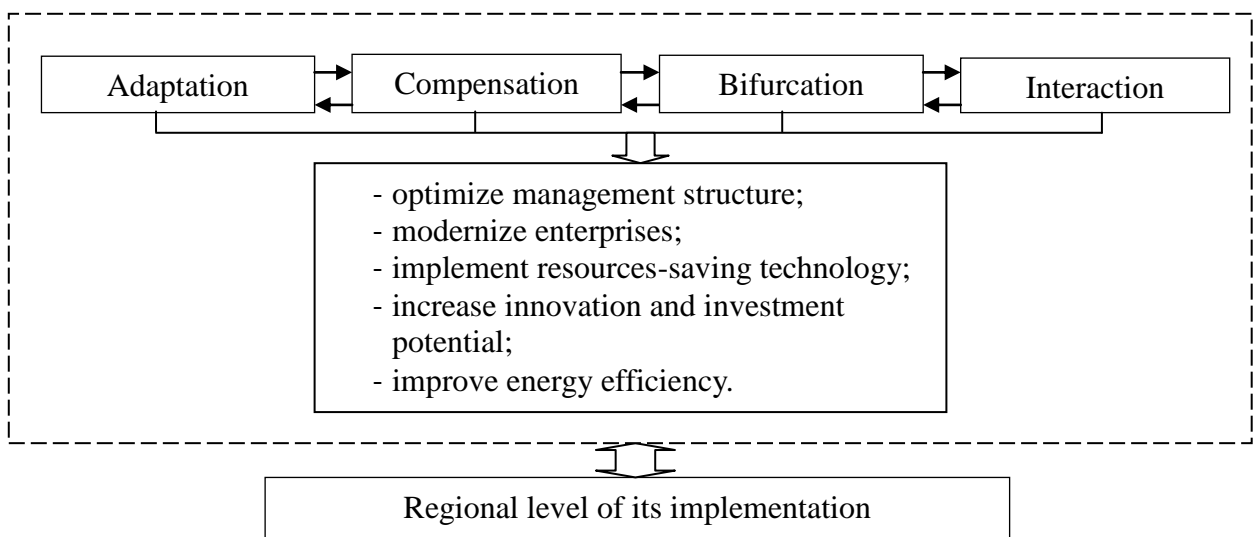


Figure 1. The main strategic direction of transformation fuel and energy complex to ecology-oriented economy under current conditions

So, in our opinion, adoption of those directions should be accompanied by revision of each and all current national target programs and regional strategies for transformation fuel and energy complex to ecology-oriented economy.

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