

# THE IMPACT OF INFORMATIONAL ORDER OF SOCIAL – ECONOMIC SYSTEM ON ITS EFFICACIOUS FUNCTIONING AND DEVELOPMENT

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The problem of informational order of social - economic systems is the main on modern stage of the development of mankind because this notion is generalizing in progress and operating of the system. It includes the results of all innovations and new decisions in the system, shows their effect by means of efficient functioning of the system.

We will touch theoretical aspect of notion of information in the view of synergetic approach to this question. I.e. we will consider information as a reason of the origin of energy flow in a system and as an effect of its efficient work and the main – its efficient development.

Existence and development of any system is connected with mechanisms of negative and positive feedback.

Mechanisms of negative feedback support in a system a stationary condition - homeostasis, and mechanisms of positive feedback ensure a system transformation - a transition from one level of homeostasis to another. The incitement to such turning of a system serves a sufficient accumulation of free energy, when system moves to the new qualitative level of its development. As accumulated free energy becomes available to the system it occurs also a separation of energy of the system, more exactly its uncontrolled diffusing that causes a discord inwardly systems and can prevent its further progressive development or bring about its full destruction. So it comes up a problem of efficient using the systems resources to reduce the losses of energy.

The prime cause of the efficient formation and development of the system is its informational supply.

The economy of any country represents an opened system i.e. it occurs an energy, material and information exchange with other social - economic systems. So any social - economic system has a possibility to develop because of the influx of energy and information. The last one has a special importance because systems have an internal spare of energy (useful fossil fuels, labor facility etc.).

But not every system manages to use its potential with maximum profit. There are several reasons for this but the general sense is reduced to insufficient informational order of the systems.

First of all, system may have enough energy, but its use is connected with big uncontrolled diffusing of energy (increase of entropy). At a rate of enterprises it is great production costs, of the state it is stealing of money, international migration etc. So all this leads to the inconvertible losses for society and have as a result the falling of the living standard of the population, increasing criminality, falling the interest of people in the society development. Inefficient use of system's resources leads to its gradual destruction. The decision is to raise system's informativity - a degree of its informational order.

The second reason - an attempt consciously to close the system i.e. to disturb the natural exchange of information, energy and material between systems. The problem consists in expenses of enormous amount of energy and resources to produce economically ungrounded goods. This is because energy has differentiated structure from the point of view of its informational essence: it is divided into energy of high quality and low quality; and the problem is connected with use of these types of energy.

Also if touch the prospect of the society development in the nearest future with existing rate of the resource use, that less than in 100 years will run short reserves of main energy sources. There remains only one resource – the information, after all by means of information it is possible to obtain the use of completely renewed energy, minimize the wastes i.e. to minimize the entropy of not separated social - economic system, but global community, which will soon become the Earth...