

U. Parshin

*Candidate of Technical Sciences, Associate Professor,
Associate Professor at the Department of Economic Cybernetics,
Ukrainian State University of Chemical Technology*

FORMATION OF STRATEGIC DECISIONS ON PROVIDING SUSTAINABLE DEVELOPMENT OF NATIONAL ECONOMY

The providing of sustainable development of national economy requires elaboration of the analytical decision-making systems.

The purpose of the article is development of the system of strategic decisions on providing sustainable development of the national economy.

The analysis of the most used judgmental methods has been conducted. It is considered that the use of the known judgmental methods is difficult process which has certain inconveniences.

In the article the combined examination method of strategic decisions has been offered. The positive aspects of the known methods of Delphi and SEER (System for Event Evaluation and Review) are the basis of the proposed method.

The complex verification of the method of expert estimations of strategic decisions has been developed. The method consists of five stages. At the first stage the determination of consensus of "Expert"

forecasts has been carried by the calculation of results of variation coefficient and goodness-of-fit test.

The second stage of method provides the verification of statistical significance of goodness-of-fit test by the Pearson's test.

The estimation of expert activity by the proper coefficient at the third stage of the offered complex method has been carried out.

The account of expert competence by the coefficient of competence at the fourth stage of method has been executed.

The fifth stage of complex method provides the forecast of strategic decision realization.

All procedures of experts examination have been formalized, thus the basis for the automation of analytical procedures has been created.

The use of the offered forming system of strategic decisions and complex methods allows increasing the efficiency of strategic decisions making on the questions of steady national economic development.