# MANAGEMENT AND RECONCILIATION ANTHROPOGENIC ACTIONS WITH THE REGIME OF NATURE MANAGEMENT IN THE CATTLE-BREEDING COMPLEX

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With the growing severity of environmental problems become apparent failure of development only means of preventing pollution technical nature and the need to study the bonds environmental problems of energy and economic processes taking place in the closed ecological and biotechnical systems "livestock production - processing and waste disposal - the environment" . The purpose of research - Development of information system and integrated database for the management and coordination of human actions on the modes of nature.

Materials and methods of research. Optimizing and development of livestock farms, taking into account environmental sustainability of the environment requires mandatory solve some problems, the main ones are: a) analysis of material flows in industrial energy subsystem and integrated assessment of flows coming from production in the environmental subsystems; b) development of indicators by which to assess the environmental sustainability of natural systems to koprohennyh action.

Results. Difficulty practical problems comparing production and natural potentsiapiv requires not only new principles and a new management organization, but a unified system of environmental and energy regulations and standards. This, in turn, involves the formation of innovative information processes that go beyond the traditional economic information. ZEBS based management should be entrusted with reliable information about the state and dynamics of all system elements and the relationship between them.

To maintain the ecological and energy balance and choice of options for further development of the model introduced environmental safety coefficient, which is a criterion balance pryrodoyemkosti koproyemnosti livestock production and the environment. Optimization model of ecological and energy balance is the

upper hierarchy of basic optimization models biotechnical closed eco-system.

## Conclution

The structure and composition of the coordination of information flow system of human actions on the environment of the modes of nature. A diagnosis of the environmental condition on the basis of environmental safety coefficient that represents the ratio koproyemnosti environmental nature livestock production capacity.