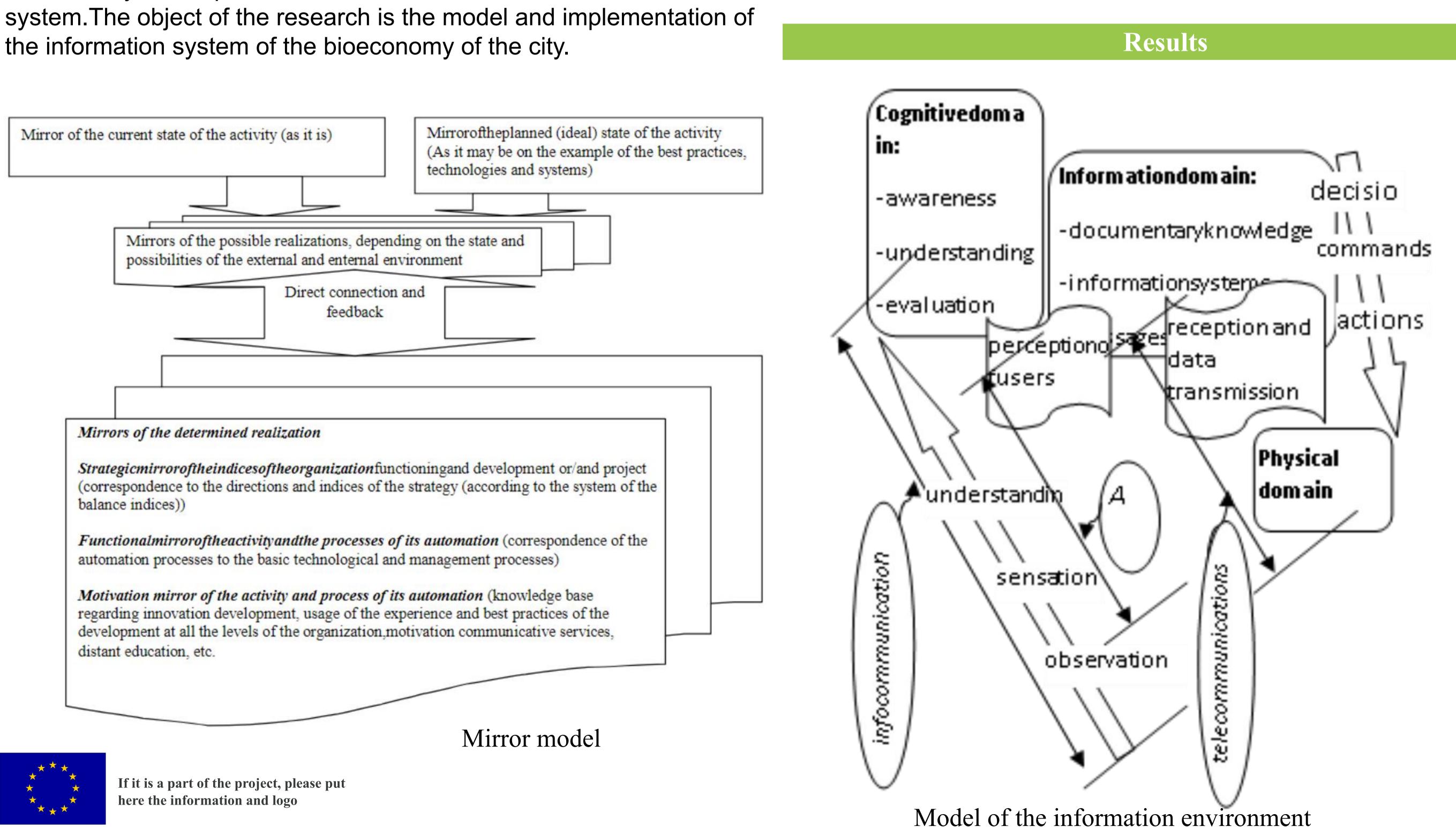




Introduction

The information system for the development of the bioec city corresponds to the directions of the development of circular economy, partnership with enterprises, environm management, representatives of the authorities and the Therefore, the Macrosystem should be formed as a web has separate subsystems for:stimulation of territorial bioeconomy;preserving the security of resources;reduction emissions; development of industrial symbiosis; resolution between production and land use change; improvement of management. The best practices of implementing the bio development strategy in Europe, creating a symbiosis of in Lithuanian cities, and initiatives in Ukrainian cities mal to justify the feasibility of developing the concept of bioed development in the city and to determine the directions o development of the information system in the city. The put research is to develop the general principles of creating information environment for the development of the city's bioeconomy. The subject of the study is the processes of bioeconomy development and their automation in the info





O. Dodon, O. Kovalenko Information system of knowledge of bioeconomy of the city

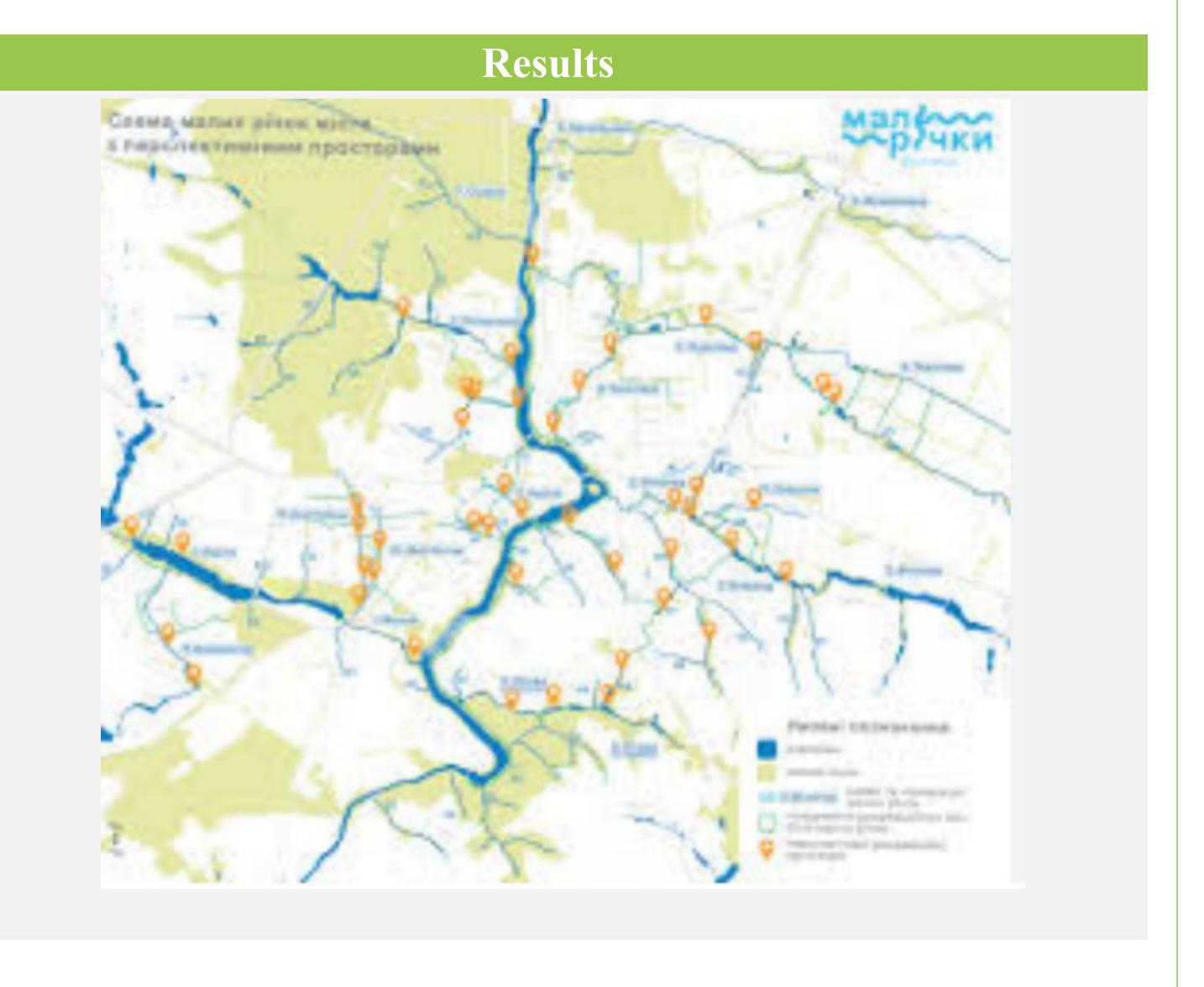
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Methodology

ne development of the bioeconomy information system is sed on the following concepts: ne theory and model of mirrors - the reflection of planned, ctual information and the formation of models for achieving als.

ne results of the functioning of the information system of the ty's bioeconomy - actual data on the development of the oeconomy in the city for its residents; development of oeconomy at the enterprise level; bioeconomy projects.

evelopment of multi-layered visual maps for all levels of the oeconomy of the city - macro, meso, micro. An example of a ap - small rivers of Vinnytsia



Main conclusions

The city's bioeconomy is a complex system of intelligent use of the city's resources and its enterprises. The information system supporting the bioeconomy of the city should include a development strategy territorially forming enterprises of the bioeconomy, educational and public organizations for the development of a culture of reasonable land use, waste management, quality control of common resources, etc. The information system should be built on the basis of multi-layer scenario maps. Such maps allow monitoring of water and air resources; monitor the development of enterprises of the bioeconomy cluster; form markers of public organizations and events. Special attention needs to be paid to the development policy, preservation of existing and creation of new green areas in the city. The diversity of bioeconomy development directions requires the cooperation of various social institutions, businesses, public organizations, and educational institutions. An open information system in the form of a portal will enable public-private partnership to be activated and the level of life support in the city to be increased.

