

The City Planning Cadastre System of Moscow as a tool for sustainable urban development

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1 ABSTRACT

The Moscow city planning cadastre system (CPCS) enables to provide all the stakeholders with relevant, trustworthy and legally valid information for decision-making, planning of investments, designing and supervision over the urban development from the city authorities and society.

The information furnished by the System includes the data about current state and utilization of the city territory, city planning regulations, construction and architectural projects under way, worth of separate urban areas, etc.

Input, verification, storage and delivery of the data is carried out by means of up-to-date information technologies on the base of high-duty computer system.

8-year practice of CPCS application in Moscow allowed avoiding serious errors in the city territory layout that contributed to rational utilization of the budgetary funds, optimization of urban infrastructure and in the whole – to improvement of the environment in Moscow. Application of CPCS determined, in many respects, positive changes in the architectural and historical image of the city, helped to preserve many objects of cultural heritage.

Apart from ensuring systematic and sustainable development of the city CPCS plays important role in improving administration efficiency, coordination of activity of different institutions on the metropolitan territory. The experience of creation and operation of CPCS has been successfully applied in a number of Russian cities.

CPCS has gained international acknowledgement from the UN Human Settlements Programme (UN-HABITAT) having won the title of “good practice”.

The System is unique and has no counterpart in the world. From the other hand CPCS is universal and can be adapted both to big and little cities worldwide.