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NEW INSTITUTIONAL DEVELOPMENTS IN THE RUSSIAN SPACE PROGRAM OF TODAY AND
PROSPECTS FOR THE INTERSECTORAL PARTNERSHIP

Abstract

The paper discusses methodological problems of the rocket and space industry interaction with the Russian national economy providing the examples of the potentially influential institutional developments. An overview is provided of the current national space program management system and the major trends in its restructuring towards more intersectoral and demand-driven system. Differently to current Western situation, the institutional basis of the Russian space program is considered as something that might be purposely changed in course of the large-scale restructuring project, as so far most of the space enterprises are state-owned and major part of the space program funding comes from the state budget. The transitional process in the overall Russian economy still continues, the newest elements are state corporations and public private partnerships. Therefore, there is a waste field of application for the space industry/program institutional design. The most illustrative examples provided in the paper are strategic development and restructuring of the national space industry as such and building the incentive structure for the public private partnerships in the space field. The most systematic and multidisciplinary effort in the institutional development field is now underway for creating a national-wide system of the space services and application delivery to the country's regions, corporations and private citizens. The dedicated enterprise is incorporated within the Russian space industry to act as a major 'marketing agent' for that purpose. Also, the significant elements of the new institutional design are the space service providers and the regional pilot space application projects.

The public private partnerships in the space field are now considered to be the promising institutional mechanism of the further development of the space applications and markets. There are some primarily fields with the significant PPP potential, the major being GLONASS space navigation system commercialization and space remote sensing data dissemination.

The paper summarizes the current institutional efforts within the Russian space program and provides a brief overview of the applicable methodology.