

## BUSINESS INNOVATION SYMPOSIUM (E6)

Encouragement of Government Purchasing from Commercial Providers: Models and Examples (1)

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anatoly.golovko@mail.ruA COMPARATIVE ANALYSIS OF THE INSTITUTIONAL TRAJECTORIES OF SPACE ACTIVITIES  
DEVELOPMENT IN RUSSIA AND OVERSEAS**Abstract**

The paper discusses the development of the institutional foundations of space activities in the most representative space powers as affecting the current status and prospects for the future developments. The Space 2.0 /Alt.Space phenomenon is now well known for the Western, primarily American, model of the space industry and market development, while Russian space industry follows its own way that combines continuing strong state regulation and space industry oligopoly with growing tendency towards more horizontal space application markets.

The specific national B2G and PPP models in the space industry are considered as trajectory defined. For Russia, the trend for the national level space services' providers' emerging is considered in satellite navigation, satellite communication, Earth remote sensing domains as compared with the institutional developments of the European space applications of recent. Also, the growing role of the satellite application business associations is mentioned in building the effective market infrastructure. Generally, the institutional approach is compared with the program-based development.

The phasing for the future institutional trajectories is suggested that includes growing role of the non-government sector in the Russian satellite applications and further definition of the space service operators as a separate specific business actors. The mid-term and long-term future of the institutional design of the major national space programs is considered. As a separate topic, 'boundary effects' are investigated occurring as part of the transborder interactions of the space powers with the essentially differing institutional trajectories.