

International Cooperation for Space Exploration (1)  
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COOPERATION FOR SPACE EXPLORATION

**Abstract**

Intro A short introduction dedicated to the topic of international cooperation, highlights for the priority topics. Opportunities that international cooperation in space offers National approach to developing international cooperation in space exploration. Russia's capacities and expertise to assist to those seriously interested in developing their own space programs, starting from building ground infrastructure and training personnel to helping develop their own rocket technologies. Legislative opportunities for the international community: Peaceful use of outer space Groundwork that to be used for a broad international discussion on the legislation for space related activities. Space as a domain for cooperation and peaceful competition. Turning it into a zone of military preparations or a battlefield contradicts to the goals of human space exploration. Roles of private sector, scientific community and society are growing and international cooperation and awareness is capable of keeping the humanity from short-sighted solutions. Space resources and space junk: Challenges and opportunities Despite keen interest in mining on asteroids and other celestial bodies, business solitons yet to prove profitability due to many reasons. International cooperation can contribute to resolving the problem of the growing need of the humanity in natural resources. Space junk has been amassing since the very beginning of the space exploration. Elaborating a working solution for removing the space debris and cleaning up Earth's orbit is a real technical challenge for the humanity, and this problem can and should be resolved jointly. Space tourism/Commercial space traveling Development of commercial space traveling on the international level can lead to: - increasing involvement of nations that send their citizens on a journey to the ISS, in scientific, experimental and technical activities, internationally; - long-term scientific collaboration, scientific and technical exchanges between countries and regions; - multiple scientific interdisciplinary achievements for the developing countries; - humanitarian and cultural aspects. Involving countries and regions into cooperation Cooperation with countries and regions, perspectives on the interstate, public and private levels. Asia (China, India and South-East Asian countries), the Middle East, Africa and Latin America offer not only promising markets but also opportunities for synergistic cooperation for developing countries. Outro Brief summary and conclusions before the possible discussion.