

IAF BUSINESSES AND INNOVATION SYMPOSIUM (E6)
Entrepreneurship Around the World (5-GTS.1)Author: Mrs. Ksenia Ozkok
TürkiyeMr. Aleksei Poryvaev
United StatesSPACE WITHOUT BOUNDARIES: FOSTERING MASS SPACE ENTREPRENEURSHIP THROUGH
A STARTUP STUDIO**Abstract**

This paper presents an innovative approach to catalyze mass entrepreneurship within the space sector: the establishment of the world's first planetary-scale Space Startup Studio. This initiative, cultivated through four years of development and 14 iterations of a crowdsourcing model, aims to transform nascent ideas into robust, market-ready startups, thus accelerating the journey from conception to realization. By systematically lowering barriers to entry, this model invites a broad spectrum of global participants, including both industry professionals and novices previously unaffiliated with the space industry, thereby democratizing access to space entrepreneurship. The Space Startup Studio model is premised on universal accessibility, encouraging contributions from individuals across all demographics—regardless of age, race, religion, technical skill, knowledge, or experience. This approach not only fosters product development and the realization of visionary ideas but also cultivates a diverse community of space entrepreneurs. Our multidisciplinary team, possessing extensive expertise in architectural and operational design across various sectors, has honed this model to efficiency. Through 14 significant data-driven iterations, we have refined our processes, methodologies, and solutions, evidenced by the successful creation and operation of three Startup Studios in different industries. These studios have continuously attracted new participants, resulting in the creation of compelling, market-viable products. Our model's efficacy is demonstrated by the participation of over 16,000 individuals globally, contributing to the formation of more than 150 startups and the emergence of over 200 founders. This paper outlines our readiness to deploy our expertise and experience towards the development of a Space Startup Studio. We propose leveraging this model to tackle the unique challenges of the space sector, aiming to integrate and customize essential processes for space industry needs. By fostering a collaborative ecosystem, this initiative seeks to significantly amplify the sector's appeal and accessibility. Ultimately, the proposed Space Startup Studio represents a transformative approach to stimulating mass entrepreneurship in space, promising not only to accelerate the commercialization of space technologies but also to inspire a new generation of space innovators.