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Contribution of Moon Village to Solving Global Societal Issues (2)

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PROMOMOON INITIATIVE: CAPACITY-BUILDING ACTIVITY FOR NEW SPACE MARKET
DEVELOPMENT ON LUNAR TECHNOLOGIES

Abstract

The Moon Village Association (MVA) has been a major actor in promoting sustainable lunar exploration as well as enabling research and development, and outreach on utilizing lunar technologies. As a capacity-building project, the MVA in partnership with the leading Ukrainian space engineering company, Yuzhnoye State Design Institute, launched the PromoMoon Initiative - a project aimed to 1) facilitate capacity building for New Space market segment for the younger generation, 2) provide support in proof-of-concept development, and advancement of engineering design maturity of novel lunar technologies considering global market demand and trends, and 3) expand international cooperation towards future sustainable lunar activities. The PromoMoon Initiative attracts proposals from teams of students, young professionals, startups, spinoffs and new space companies under different categories such as transportation to and from the Moon, transportation on the Moon surface, energy and power on the Moon, and infrastructure and manufacturing on the Moon. After a series of evaluation, successful teams will be given free-of-charge B2B mentorship. This paper will present the result of the pioneer batch of the Initiative which received proposals from eleven countries all over the world.

Keywords: lunar technology, outreach, capacity building, competition