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Public-Private Partnerships: Traditional and New Space Applications (2)

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PROMOTING THE INCURSION OF EXPERIMENTAL ROCKETRY INDUSTRY DEVELOPMENT AS A VENTURE IN A NASCENT AEROSPACE MARKET: A CASE OF PERU

Abstract

Today, the aerospace industry is being hailed as one of the most promising and profitable businesses for the future of mankind, as it constantly presents a scalable and novel way to explore and study the outer atmosphere, something that cannot normally be done freely from the Earth's surface. Also, the milestones that have been achieved with the latest generation of space rockets have been presented in recent years with the incursion of new technologies that allow reducing production costs and / or fuel, this has meant a greater interest for investors but also entrepreneurs who wish to enter this special and ambitious area, and in turn, It has also encouraged countries that until now have not been active in the space sector to participate and develop space rocketry technology from a business point of view, especially the so-called developing countries, such as Peru, which is still in a delayed and precarious space generation due to limited progress due to a slow and slow economic and social development. This is why the emergence of new and innovative industries in the local market is very limited. In this sense, the present proposal seeks to propose a way to promote the inclusion of space business or entrepreneurship in the market of a developing country such as Peru, precisely the incursion of the technology industry in experimental rocketry, as it offers an accessible alternative for transport and launching due to its low production cost, a key aspect in a market with limited resources, and therefore makes it an ideal option for potential customers such as universities, private research institutions or emerging laboratories that have been seeking for several years to expand national research and development in the field of aerospace technology science. As a result, it is intended to show and project the benefits that would mean for the country to develop this type of technology, as well as to demonstrate that new and innovative industries can generate a profitable and stable future not only in the local market but also with other countries in the region, thus finally managing to promote the development of space technology in the country, which has been delayed for decades.