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CREATION OF SPACE HUBS: THE CASE OF BRASILIA

Abstract

Technological innovation centers have a triple innovation helix that guides the socioeconomic development of a region, and always has an axis between government-academy-industry that pulls this innovation link further. In the case of Brazil, which is an emerging country, the government has traditionally guided these centers, and when the country's political power is concentrated in Brasília, the government is very strong. But Brasília, in addition to having this support from the government, has an innovative and pioneering academic production in the space sector on the national scene: such as the use of hybrid propulsion, electric propulsion and the construction of the first cubesat 3U in the country. Brasília has the capacity to be a new aerospace hub guided by the academy, which has been producing technologies with the capacity to generate new businesses. The University of Brasilia still has a large scale of international cooperation, and the largest number of professors with different nationalities in its faculty, creating an environment rich in different specialties and with several possibilities for action within the space sector. This training in conjunction with some complementary programs is generating entrepreneurship engagement within the sector in the region, still training specialized labor. A hub of the segment in the center of the country generates with the capacity to supply quickly to the other regions of the Brazil, and still attracting investment to the region, being able to contribute significantly to the local economy and the technological development of the country. In this work, it will be addressed: the competitive advantages of Brasilia to install this hub, mapping of technologies produced in the region, the impact of this technological hub at national and regional level and a plan for the formation of an aerospace innovation ecosystem.