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SPACE IN POCKETS, A COMPETITION TO LEAD THE NEW SPACE RACE FOR A COMMON MARKET

Abstract

New Space has changed many things in the Space Industry and Economy around the whole world. Space Emerging Countries are not that much far from the world trend and it can be seen that innovation-based activities are going to fill the technological gaps, however, there are still inefficient. The main reason can be seen in parallel act with the similar outputs. This paper presents a plan to lead such acts in New Space to collaborate in stead of any race. Satellite Industry showed as the best choice for investment, globally. It is why in many Space Emerging countries, New Space has formed on this part of Space Industry, mainly based on the Cubesat technology. This case is the same, where different startups launched on System Design and Manufacturing of Cubesats. Proposed plan is going to change the mindset of the teams to provide solutions instead of products. In this way, 3 steps have been considered to make it happen, the first to shape an ecosystem dedicated to such technology through First Iranian International Cubesat Event, the second to train for better business performance through Space-based Seasonal Business School, and the third to bring them along for better performance system to a financially justified business solution by space technology and applications through Pocketqube Development Competition. This paper covers details about these three steps, with a focus on the third one which will be a competition on a special type of picosatellites, called Pocketqubes, which are going to be placed in an orbit to form a constellation for IoT services. The competition is going to be announced so there will be the option to report the results of it in the presentation time.