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THE SPACE INNOVATION PROGRAM IN THE MIDDLE EAST: THE PROSPERITY NETWORK
FROM THE EMIRATES UNITED ARAB

Abstract

The new Space includes a way to use both the low orbit for the service on the ground and the Deep Space for exploration. Each part needs an innovation strategic development to improve the capacity to build, to launch Space assets and use them to the regional economy growth. The Al Amal probe to Mars demonstrates the original innovation strategy inspiring from the House of Wisdom framework. Indeed, in working with the foreign universities pushing the young people to express itself to find solution in Space, a context of communication, coordination and above all education improve the capacity to innovate in Space from scratch. The Space Hub in the Middle East in the United Arab Emirates gets a geographic advantage to launch possibly its own rocket through the proximity of the equator. Moreover, with a Space academy able to provide an educative framework to catch the innovation with the close country and the international Institut, a prosperity network is established for Space industry : Space segment, Ground Segment, Space cyber security, private compagny. Therefore, this Space innovation program emphasizes a network of prosperity in embracing some aspects of the new Space in the technical aspects : satellite, probe, Cubesat and the services to the ground.