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Author: Mr. Vugar Bayramov
Azercosmos, Space Agency of Republic of Azerbaijan, Azerbaijan

INTEGRATING SPACE INDUSTRY: THE 5TH ELEMENT

Abstract

This entrepreneurship approach is based on platform that unites scientific associations/communities/unions/NGOs, and governmental organizations. The goal is to integrate space industry into institutional model of development, meaning create a collaboration between space industry and scientific association, communities, NGOs etc. Associations are built on a model that offers progress as they are research and development driven. In Azerbaijan, like in many countries, scientific associations are registered under state organizations. There are local associations and communities that are members of international organizations, hence as members they have an obligation to develop and grow their communities. From the previous experience of working with various communities, we have created a platform (www.elmings.com – in draft version) of over 100 associations and communities spread across various industries such as agriculture, finance and management, social sciences, medicine, information and technology, telecommunication and transport, construction, tourism, education, pharmaceutical and others. This means we can cooperate with associations and communities by providing them our services, while they can use those satellite services for the scientific development. For example, we have partnered with the Azerbaijan Gastroenterology Invasive Endoscopy Society (AGIES) who contributed to the field by article The Study of Space Medicine on Earth in Conditions Close to Space written by Chairman Dr Farid Guliyev, and data analyst Professor Ruslan Guliyev. Then we worked with the Chairman of Azerbaijan Military Surgery Society Dr. Kenan Yusif-zade, who partnered with the Professor of Case Western Reserve University, United States, Dr. Elshad Allahyarov on Autonomous Robotics Powered by Flexible Nanocomposite Batteries with High Energy Density; other works included partnership with the AZGREEN, the community under the Ministry of Ecology, and they provided a study on the research of droughts from 2009-2020 in Azerbaijan; Azerbaijan Tourism Board who used satellite services to provide a study on Alpinists Pathways, Touristic Path and other studies on tourism industry. There are dozens of successful examples displaying the cooperation between space agencies and scientific communities. And those associations are members of various international organizations, hence they stand a chance not only to develop their fields but also show an example for productive use of satellite services. I suggest on developing such a platform that will interlink space agency with the associations, communities and governmental organizations. We have successfully implemented this in Azerbaijan. This also means a promotion of our (space) services and activities locally and internationally, especially in different economic areas.