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THE SPACEST MODEL: AN INNOVATIVE FRAMEWORK FOR MATCHMAKING REGIONAL
INDUSTRIAL COMPETENCIES WITH SPACE TRENDS USING THE TWELVE (12) PILLARS OF
THE GLOBAL COMPETITIVE INDEX OF THE WORLD ECONOMIC FORUM

Abstract

The development of the right approach towards entrance into the space industry has been a major challenge for different countries in the world and there are constantly questions as to how non-active space regions of the world can develop competencies in the space industry. This study focused on how any region or state in the world can develop industrial space competitiveness finding the best fit for entrance. The model is a unique framework with a matchmaking process developed to compare industrial competencies with global space trends all in correlation with the twelve (12) pillars of the World Economic Forum's Global Competitive Index. This framework was developed by the SpacEst Team at the Space Studies Program 2019 organized by the International Space University, Strasbourg, France. To affirm the framework, a case study of the Grand Est Region, France was used to test the model for the best fit towards industrial space competitiveness enhancement. The result of this unique framework will enable any region in the world to develop space industry and the best focus for policy implementation and governance.