

IAF BUSINESS INNOVATION SYMPOSIUM (E6)
Finance and Investment: The Practitioners' Perspectives (2)

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SIGNIFICANT CONTRIBUTION OF PRIVATE INVESTMENT IN THE HYBRID NATURE OF
BOOMING GLOBAL SPACE ECONOMY (2011 - 2021 Q1)

Abstract

The space industry has always been the spotlight of disruptive innovations which captured the attention of many investors. Since the beginning of the 20th century, there has been so much excitement in the space race and private investments accelerated the space ambitions of many entrepreneurs to create a successful business in the space industry which demands a high cost of entry to the sector.

In the last decade, the space economy witnessed around \$177.7 B of equity investment in more than 1300 companies across the globe. A major chunk of the total investment was covered by the U.S. and China. Taking pandemic into account, 2020 has been a turbulent year for several industries across the globe. Earlier when the Covid-19 breakout, several industry leaders forecasted a wave of bankruptcies and turned tail from private investors considering the high costs and risks to sustain in the sector. In spite of the coronavirus outburst, the space industry has received \$25.6 B total equity investment out of which 35% goes to build the space infrastructure, 3% in distribution while the major 62% in the application domain.

This paper contains the detailed classification of investment in various domains of the space industry (upstream, downstream and end-users). Some anomalies in the investment sector have been seen in the last couple of years especially in the space industry. This paper also consists of the details of the companies that have received major Government contracts between 2019-2020. We have also shown the broadened version of the investment in technological companies who are developing propulsion systems, launching capabilities, satellites for earth imaging and also for the companies who are especially the end-users in this field. Based on these results, we have outlined the most demanded and invested space segment in the last decade and shown a projection of the area where the space industry will see the rise of investment. Not only about the global market, the market trends and investment records in different continents also have been described here.