SpaceTech Analytics

SpaceTech Industry Year 2021
Overview

About SpaceTech Analytics

SpaceTech Analytics is a specialized think tank in the area of SpaceTech innovation profiling, business intelligence, and investment analytics. The company is dedicated to producing powerful data mining and visualization systems; interactive analytics tools; and industry reports offering deep technical insights, business intelligence, and strategic guidance in the high-growth and significant opportunity areas of the SpaceTech industry, including cloud services, spacecraft development, space travel, and more.

"SpaceTech Industry Year 2021 Overview"

In this report, we have assembled information about a rapidly evolving SpaceTech ecosystem, and its development in 2021. We have assembled information about key industry trends based on our database of more than 12,000 companies, 4,000 investors, and 170+ publicly traded corporations from the SpaceTech Industry.

"SpaceTech Industry Year 2021 Overview" is an open-access, 75-page special analytical report, designed to provide tangible industry insights, market trends, companies, investors, technologies benchmarking on the Global SpaceTech Industry in 2021. A huge accent is made on the most prominent space events, top deals, and events of the year 2021, that drew a lot of attention to the sector as the final frontier.

12,000	4,000	14	50+	170+
SpaceTech Companies	Investors	Industry Sectors	Countries	Publicly Traded Companies

Key Takeaways From this Report

- Development of technologies enabling efficient return of payload back to Earth will spur the development of manufacturing in space, with its unique properties of weightlessness and cheap vacuum.
- The space economy is currently estimated to be about $4.5 trillion and we expect it to reach $10 trillion in value by 2030.
- Private and public companies are growing in strength and capabilities. The world has seen commercial space missions, all-private space crews, and civilian space tours this year. Beyond that, there are many plans for collaboration between governmental agencies and commercial companies that will impact the whole world shortly.
- The speed of research and development of space technologies is accelerating and appears to be unhindered by COVID-19. New launch vehicles are being actively tested and launched by both agencies and companies. Other spheres of intense research include: propulsion systems, communication systems, observation technologies, space assembly, and additive manufacturing. The cost of delivering a kilogram of payload to LEO is also being reduced by a range of means. It is expected to reach $100/kg or less by 2030.
- 2021 was an impressive year for innovation in the world of space technologies. Three vehicles were delivered to Mars, and one of them had the first Martian aircraft to ever fly in the Martian atmosphere. The most powerful telescope in humanity's history was launched to Sun-Earth L2. Massive satellite constellations, reusable rockets, alternative launch systems, and many more things were sent into space this year for the first time.
- Space has become an increasingly contested domain among countries, underscoring the need for "space domain awareness" by private and governmental players.

Conclusions and Future Projections

If 2021 was the year of the private space tourist, 2022 could be marked by the first steps toward a return to the moon, as NASA and the growing space industry seek to maintain the momentum that has been building over the past several years in what has amounted to a renaissance of exploration. The majority of breakthroughs in space exploration was achieved either by private companies or in collaboration with them. However, government authorities begin to pay more attention to the fast-growing industry. The rapid expansion of the commercial space industry over the last couple of years has led early-stage investors to consider very different types of companies than they did when space startups were a novelty.

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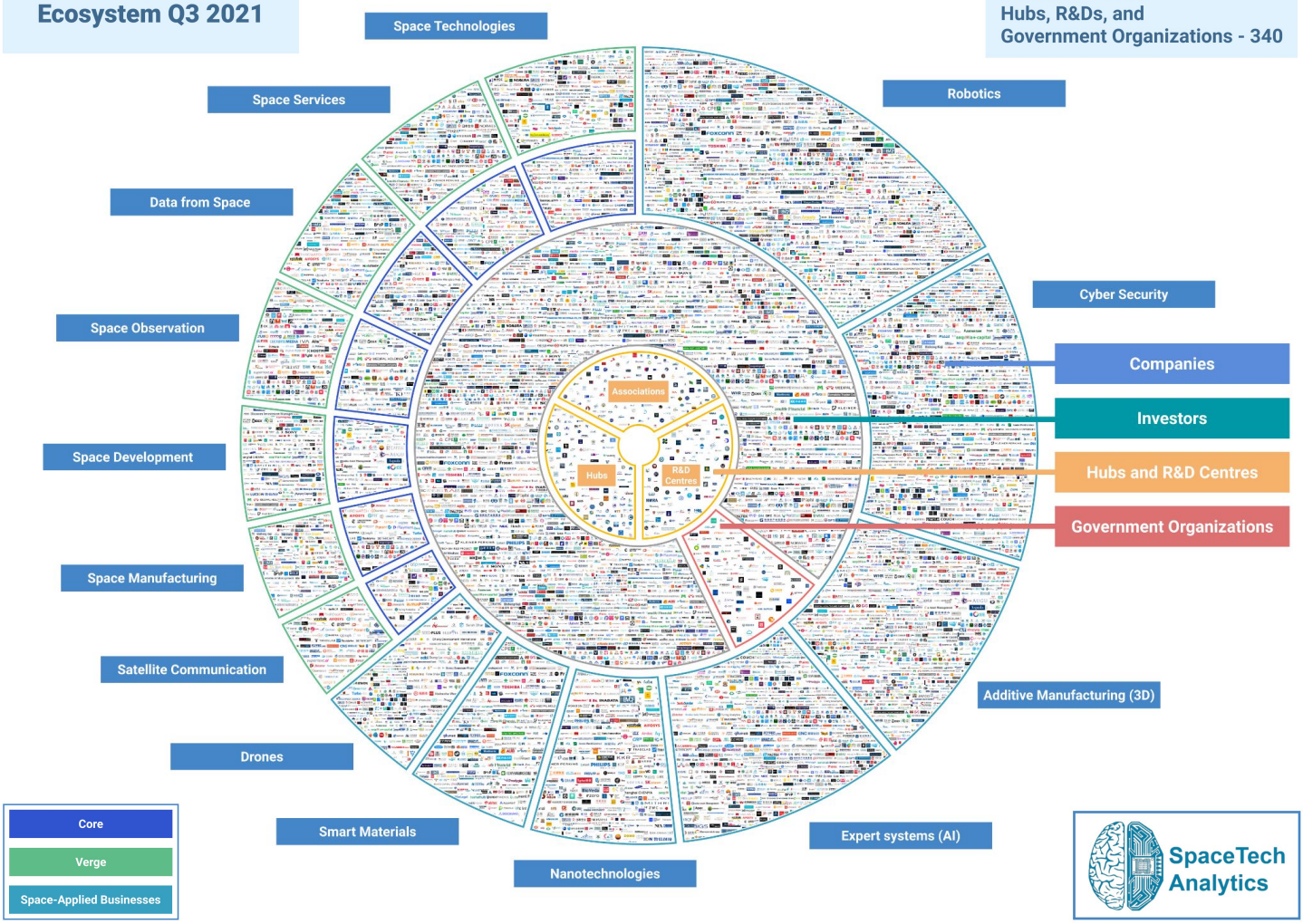
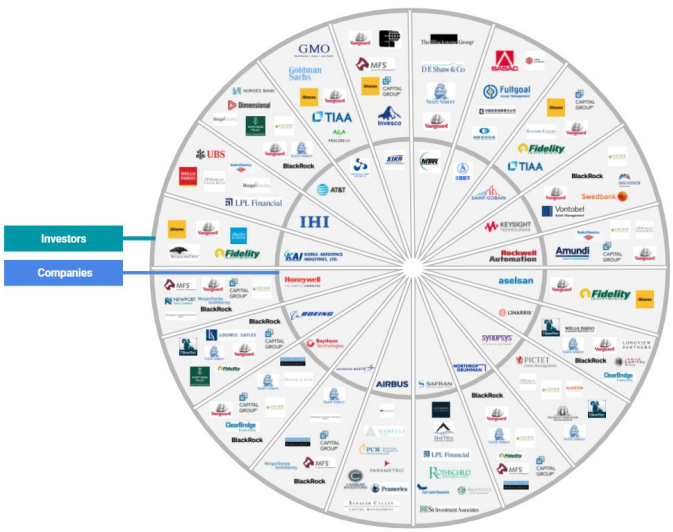
Global SpaceTech Ecosystem Q3 2021

Companies - 12 000+
Investors - 4 000+
Hubs, R&Ds, and
Government Organizations - 340



Top 20 Core Publicly Traded Companies by Capitalization in 2021



World SpaceTech Industry Capitalization Projections, $T