

2018 BROCHURE

PROSPECTS FOR SPACE EXPLORATION

FORECASTS TO 2027

1st Edition | A Euroconsult **Executive Report**

An economic & strategic assessment of the space exploration sector

Analysis & benchmarks of government & commercial space exploration programs worldwide - existing & upcoming new entrants - global trends - analysis of collaborative undertakings

- ✓ **Numerous graphs & tables**
- ✓ **Thousands of data points**
- ✓ **Comprehensive digital files**
- ✓ **Priced at 4,500 euros**

Global government investment in space exploration totaled \$14.6 billion in 2017, a 6% increase compared to 2016. Fifteen leading space programs worldwide are estimated to contribute to this global investment, with the U.S. accounting for 74% of the total. Global expenditures have grown in the past five years driven by programs in leading countries and new countries investing in space exploration. In a still constrained budgetary environment, global space budgets for space exploration are expected to grow to over \$20 billion by 2027.

Future funding for space exploration is expected to grow to support the ambitious plans of the next decade. Nonetheless, national investments will remain constrained by their public finance environments that should dictate realistic and pragmatic investment strategies. Space exploration is attracting not only the interest of an increasing number of governments but also the private sector; start-ups to large companies seek to exploit the commercial potential of exploration activities. Space agencies are increasingly seeking to leverage partnerships with the private sector to achieve their goals more cost-effectively while fostering sustainable space exploration.

Over the past ten years, 19 planetary exploration missions were launched by six countries/agencies (the U.S., ESA, Russia, Japan, China, and India). Over the next decade nearly 80 missions are expected to be launched, of which 63% will correspond to government missions. The next decade will also see the rise of commercial exploration initiatives, with close to 30 commercial missions forecasted by 2027, primarily driven by lunar initiatives. In terms of applications, Moon exploration is expected to account for the majority of missions to be launched by 2027, as lunar exploration becomes the focus in the strategy of private and public stakeholders. A total of 18 missions are anticipated to be launched for other deep space exploration, while the remaining missions will be dedicated to Mars exploration.

ABOUT PROSPECTS FOR SPACE EXPLORATION

ABOUT

Prospects for Space Exploration is an economic and strategic assessment of the space exploration sector, including an analysis and benchmark of government and commercial space exploration programs worldwide. The report identifies existing and upcoming new entrants in space exploration, global trends related to space exploration, and analyzes collaborative undertakings for exploration.

NOT IN THIS REPORT:

This report provides an assessment and benchmark of space exploration programs. It does not assess the market value of the commercial exploitation of space resources.

The report concentrates on programs in LEO orbital programs and beyond LEO, excluding suborbital programs.

INCLUDED IN THE REPORT:

- Government funding in space exploration of leading space agencies. Two periods of reference are considered: 2013-2017 for historical trends and 2018-2027 for forecasts
- Government and commercial space exploration missions launched and to be launched over 2008-2027
- Five applications analyzed in detail, including: Transportation, Orbital Infrastructure, Moon Exploration, Mars Exploration, and Other Deep Space Exploration
- Profiles of key commercial and government organizations involved in space exploration

WHO WILL BENEFIT FROM THIS REPORT?

- Satellite & launch vehicle integrators
- Satellite & launch vehicle parts manufacturers
- Launch & service providers
- Banks, investors & insurers
- Satellite operators
- Space & other government agencies

TRUSTED BY KEY SPACE & SATELLITE PLAYERS, REPRESENTING OVER 80% OF THE INDUSTRY

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Governments: EUMETSAT, GCHQ, IctQATAR, Industry Canada, Ministère de Commerce Extérieur de la Russie, Azerbaijan Republic...

Space Agencies: ASI, CSA, CAST, CNES, ESA, ISRO, JAXA, Center of Space Communications in Kazakhstan, Electronic Telecommunications Research Institute, SK Telecom, Ericsson, Cyfrowy Polsat S.A...

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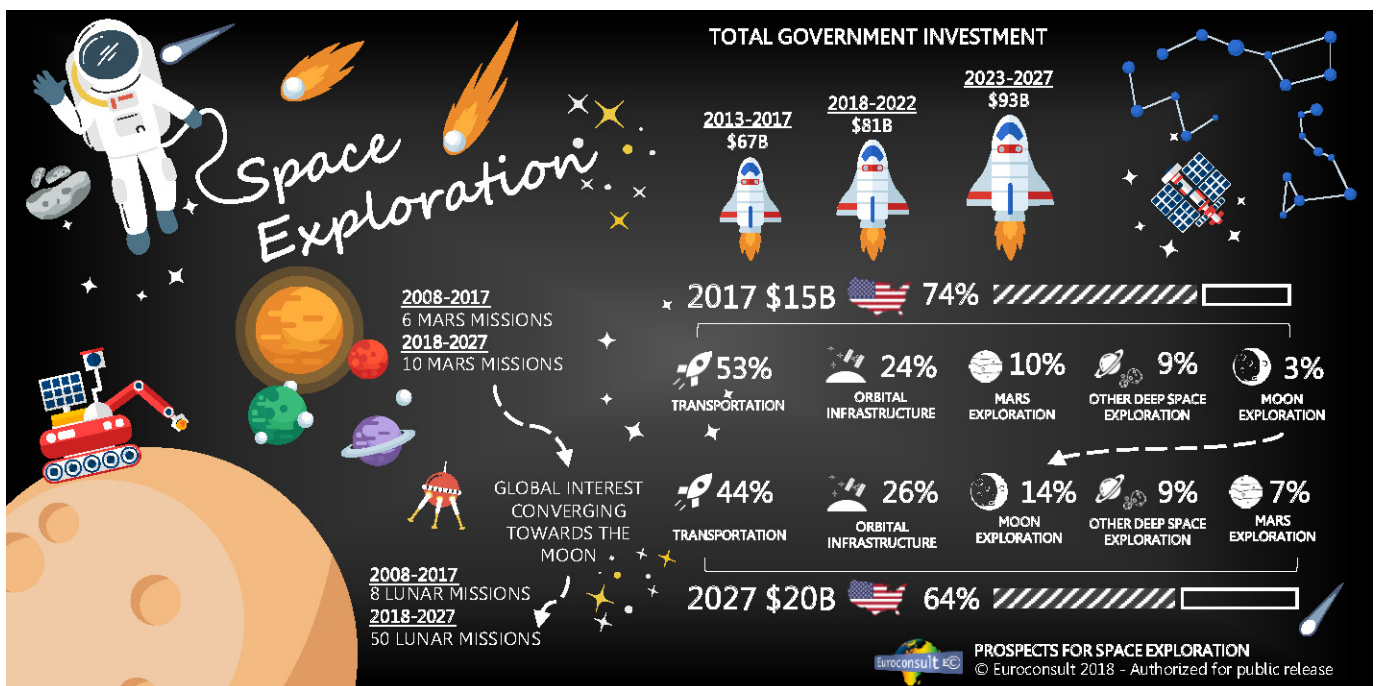
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