

29th IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS (B4)
Access to Space for Small Satellite Missions (5)

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PROSPECTS FOR THE SMALL SATELLITE MARKET

Abstract

Over the next ten years, the small satellite market (i.e. satellites below 500 kg) is expected to significantly expand in terms of capabilities, funding raised, as well as supply and demand. Smallsats cover a range of applications including telecommunications, technology testbeds, Earth observation, security, space logistics, navigation, and much more. Euroconsult anticipates the smallsat launch market to grow by +253 percent from USD 5.4 billion to USD 19.1 billion over 2021-2030. With an increasing number of companies developing satellite solutions based on constellation projects, a four-fold increase in the number of smallsats to be launched is expected by 2030. Further driving demand are technological advances enabling systems miniaturization, which expands smallsat operational capabilities while reducing capex, and the constellation architecture. This presentation will provide a strategic and economic overview of the small satellite market involving government and commercial smallsats, diving into the various factors that drive/inhibit demand in the smallsat market, and will provide figures with a focus on the launch sector, micro-launchers, rideshare, propulsive dispensers, launch brokers and space logistics. The presentation will build on Euroconsult's Prospects for the Small Satellite Market 8th Edition market intelligence report, to be published in May 2022, and on Euroconsult's 1st edition of its Space Logistics Market, to be published in March/April. All figures within the abstract will be updated by IAC22 and the future decade will cover 2022-2031.