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Leonardo-Finmeccanica in the space sector

Having supplied the first instruments in the 60s, Leonardo-Finmeccanica plays a leading role in the international space market.

Leonardo provides a complete offering ranging from satellite manufacturing and orbiting infrastructures, up to the management of satellite services and the production of a wide range of high-tech instruments, subsystems, sensors, including star trackers, sun and earth sensors, electro-optical instruments, radio frequency equipment, the PHM MASER atomic clock, photovoltaic panels and power regulation and distribution units, drilling, extraction and sampling systems designed for planetary exploration, robotic systems, gyroscopes and infra-red sensors. Applications span from Earth observation to remote sensing of atmospheric phenomena and ecosystems, from planetary exploration to navigation missions, telecommunications, and in orbit experiments.

Leonardo operates in the space sector through the activities of the Airborne and Space Systems division and through two joint ventures created with Thales, which form the "Space Alliance": Telespazio (Leonardo 67% and Thales 33%) and Thales Alenia Space (Thales 67% and Leonardo 33%). Leonardo's space expertise also includes a minority shareholding in AVIO, leader in the space launcher sector and in spacecraft propulsion and space travel.

The excellent skills match assures Finmeccanica is able to comprehensively address any market need, covering the space industry's entire value chain and assuring an end-to-end offering for all users' requirements.

Leonardo has a presence in the main international space programmes, including Copernicus, Galileo, COSMO-SkyMed, MetOp Second Generation, Meteosat Third Generation, Rosetta, BepiColombo, Venus Express, ExoMars, Dawn, Juno, JUICE, Cassini, New Horizons, Euclid and LISA Pathfinder.