

LAZIO INTO SPACE

LAZIO AEROSPACE
ECOSYSTEM,
THE DRIVING FORCE
OF SPACE INNOVATION

REGIONE LAZIO

COESIONE
ITALIA 2014-2020

LAZIO



Cofinanziato
dall'Unione europea



REGIONE
LAZIO



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Once again Lazio Region renews its support to the participation of local enterprises to the International Paris Air Show - Le Bourget, one of the most important events for Aerospace and Security worldwide. Bringing together space agencies, international users and investors, start-ups and incubators, research centres and universities as well as small and large companies in the aerospace sector is an important opportunity for international debate and a great chance to enhance one of the strong points of a region such as Lazio. Lazio is home to the heart of the Italian space industry: it is the only region with industrial and research skills capable of operating along all stages of the supply chain. In its capacity as a planning and steering body, the Region has thus chosen to give tangible support to the growth of this extremely important pillar of our economy.

Thanks to the funds of the new 2021-27 programming period, which have almost doubled compared to the previous seven-year period, we will support the research and innovation activities of enterprises, technology transfer from research to enterprise, and the development of innovative startups and research spinoffs in the areas of our Smart Specialisation Strategy (RIS3), among which Aerospace is a priority sector. To these must be added the equally important national plans, which have found even greater impetus thanks to the PNRR funds earmarked for space and the resources of the European Commission's new space programme envisaged in the multiannual financial framework 2021-27. This is the playing field of a fundamental game for the competitiveness and technological autonomy of Italian and European industry. In the following pages you will find the descriptions of the 17 small and medium businesses and 4 start-ups, showing here, at Le Bourget 2023, peaks of excellence of Lazio's Space Industry and its capability to combine great innovation and presence in the global arena.

LAZIO COMPANIES

HALL 1 - ITALIAN PAVILION - STAND F 321



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Aero Sekur provides design, manufacturing and maintenance for a suite of systems and services for the Aerospace & Defence (Emergency Flotation, Liferrafts and Fuel Systems). Its certifications include EN9100:2018, EASA Part21.J, Part21.J, Part145. Engineering capabilities leverage advanced design and simulation tools to optimize performances and reduce certification risks. Our manufacturing evolves through new technologies aimed at improving existing products and promoting innovative solutions.



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Arescosmo was founded in 1987 in Aprilia with the aim of creating a highly specialised industrial reality. From the design, qualification and construction of personal parachutes, it acquired specific knowledge in the production of NBCR personal protection kits. To date, the flagship product is Ground Support Equipment for the F-35 multi-role fighter aircraft.





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Ars Electronics design, develops and manufactures highly reliable Relays, Timers & Sensors. Our main ability is to replace OBSOLETE devices with alternatives that are 100% equivalent in fit, form & function and to develop & manufacture any kind of product according to customers' specifications. Assembly and test are carried out in our Italian factory. Ars Electronics is proud to offer an extensive line of products which comply with MIL-STD-810G & DO160.



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Celab has been active in the Testing and Certification sector since 1997.

In particular, we deliver the following services: EMC, LVD and RED laboratory testing and Environmental Qualification. Celab is a Notify Body for CE Marking.





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Cloud for Defence is a Network of Enterprises that can promote the evolution of the Defence and Aerospace industry's Information Environment towards a safer "Cloud Centric" world.

It is composed by LA Consulting, a management consulting company, Logica Informatica, a system integrator and VATES, an open source virtualization company.



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Hypatia is a research consortium that promotes technology transfer by stimulating the meeting between research laboratories and industries in the fields of energy, innovative materials, life sciences, EO and telecommunications with expertise in R&D and production of high-efficiency solar cells for space, stratospheric and terrestrial applications; business analysis, commercial guidance and access to EU funds and partner network and dissemination, communication and exploitation support.





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33 years of experience in manufacturing high performance electromechanical relays, solid state relays, timers and various electronic sensors such as voltage, frequency, current and phase sequence sensors for the Aerospace and Defense industries.

The Company has the knowledge and the ability to reproduce obsolete electronic or electrical components with the same fit, form & function of the original device, using new design or reverse engineering. A smart MRO solution!



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EuroLink Systems was born as a company for design, integration and distribution of COTS solutions for data and signal processing in the Defence, Aerospace and Industry markets. It is a pioneer in the robotics sector, with the development and distribution of electric-powered mini-UxVs to meet the needs of Italian and foreign Armed Forces. Since 2019, it has been developing smart application solutions for charging electric vehicles and launches the same year the Beluga tm program, a “tactical” UAV quad rotor <20 kg.





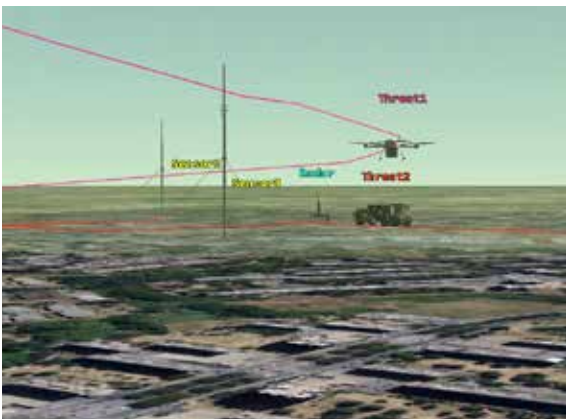
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GMSpazio has been operating in the Aerospace, Defense, and Homeland Security sectors since 2005, with solutions focused on 4Ds (Space + Time) Synthetic Scenarios Management to help manage: Complex Simulation Scenarios, SST and SSA issues, Border Patrol Control, Missile Defense Network Modeling, Satellite Remote Sensing, and UAVs Surveillance. GMSpazio provides products, services, and training to develop integrated and customized Information Systems, software applications and services.



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HTT focuses on design, manufacture and value-added services for HiRel and VHiRel Custom MAGNETIC DEVICES and POWER ELECTRONIC EQUIPMENTS for Aerospace and Defense. With over 30 years of extensive hardware/software design and manufacturing experience, we offer t-key solutions and problem solving in collaboration with main research institutes and universities for industry players across Europe. HTT supports customers and partners from the first design stages with a cooperative approach and long term heritage in design, manufacture projects, innovative products and solutions.





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Interconsulting Engineering (ICE) has been part of the RINA group since 2021. It is a System Engineering Company that provides high value-added solutions and services for the Aerospace market. Since 2001, ICE has been involved in several projects with the most important Italian Aeronautics and Avionic System Integrator Companies, mainly belonging to Leonardo Group. ICE has developed safety critical certifiable HW and SW components for modular ground and onboard platforms, to be installed on manned and unmanned aircrafts.



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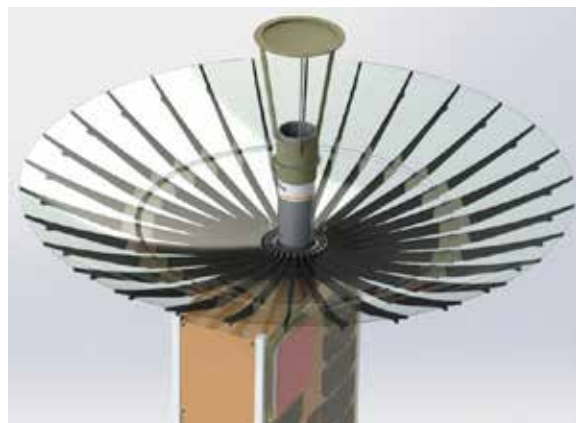
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Italspazio is an ISO-certified Italian company, together with its sister company Antech Space, specialized in satellite and space technologies. Our team is specialized in various segments of space technology: RF & Ground Segment, Satellite, EO Services, Payload development for Cubesat and Propulsion Systems. Italspazio and Antech Space provide expertise in new advanced technologies to project & design, test and install any kind of satellite antenna system and related accessories.





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Med Technology operates in the Aeronautical, Railway, Space, Military and Naval sectors as distributor and Service Provider especially of Chemicals and Raw Materials of High Technology products. The Management has over 30 years of experience and with passion, from day one, implements the working standards thanks to a professional, dynamic and efficient technical and administrative staff, ensuring solid and reliable partnerships.



BLADDER FUEL TANKS

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Since 1994 M.E.R.I.N team has been designing, manufacturing and testing customized flexible, crashworthy and self-sealing fuel tanks in house, to maintain total control of the quality and safety of each product prior to delivery. At M.E.R.I.N, our mission is to produce high quality customized fuel safety systems based on a true spirit of partnership with our clients. This forms the basis of our culture of innovation. Merin's Quality System complies with ISO 9001 and AS/EN 9100 certifications.





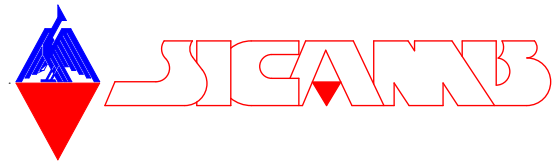
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Progetti Speciali Italiani Srl (PSI) is a SME, 100% owned by Italian shareholders, specialized in the development of High Performances Cubesat, Microsatellites and UAV with their relevant payloads for Dual Use Application for EO, SAR, ELINT and METEO. PSI, with its Group partners, expresses a total turnover of about 20 M Euro, with about 200 employees.



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SICAMB was founded in 1975 and, in addition to the production and maintenance of Martin-Baker ejection seats, is specialized in the design, development and manufacturing of helicopter fuselages, aircraft Cargo conversion kits and large aerostructure assemblies such as passenger and cargo doors, floor grids, thrust reverser, wings and composite component for various civil aircraft. The company is fully qualified for AN/EN, PART 21, PART 145, NADCAP, BAC and AIPS specification.





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Since 1998 Superelectric focused its activities in the development of multispectral georeferenced EO Sensors. Superelectric designs and develops multispectral and Hyperspectral imaging systems for aircrafts, drones and turret-based observation devices.

Superelectric is exhibiting at SIAE 2023 with:

- **systemONE M4T** - AI based Imaging Spectrometer
- **T360** Thermal Antidrone Radar with AI Tracking
- **DCS** Thermal-Visible High resolution dual camera system



LAZIO STARTUPS

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Cosmic is the first space-derived, innovative startup incubated by ESA Startup Competition in 2020. The core business focuses on detecting water leaks in the soils and subsoils through secondary cosmic ray analysis. The use of cosmic rays enables unprecedented accuracy, efficiency and reliability of detection. The engineered device made it possible to increase 10 times the kilometres checked per day for water leakage recovery and cuts costs significantly.



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Contact person:
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GO-OZ develops new sensory devices for Virtual/Real 3D Reality. We hold a patent for a device that enables movement within virtual space through the use of feet, leaving your hands free. It allows you not only to walk in the VR space, but also to interact with the proprioceptive system and it's a universal and plug and play system for all VR devices, just like the mouse for computers, and a remote control for robots and drones.



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Contact person:
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Studio Sano Europe operates in the field of Advanced Air Mobility with the Innov drone project. Our activity stems from more than 40 years of professional experience in Industrial Design for top Italian, European and Japanese companies. We are developing a new concept of UAV (Unmanned Air Vehicle) to be used in different working sectors, such as agriculture, rescue and safety, logistics.

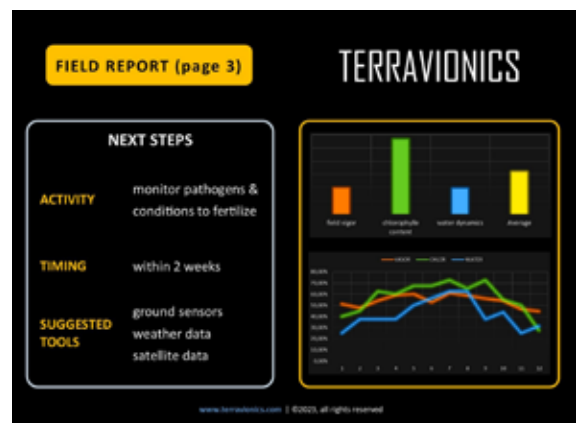


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Data-driven integration of satellite, sensor and drone data with A.I. and digital modeling, designed to manage criticalities, namely Climate Change-related: productivity, profitability, complexity. The focus is on Agritech (viticulture), but scalable. We improve vineyard value via performance, by enhancing plant health and enabling proactive decisions while dropping costs and environmental footprint via resource optimization. Our mission is to take care of the analytics. So that farmers can focus on creating their “unique” product, at their best.



FOR MORE INFORMATION ABOUT THE DTA - AEROSPACE TECHNOLOGY DISTRICT OF LAZIO

Download the White Paper “Lazio
Aerospace Innovation Ecosystem”:



Explore the geo-referenced map
of DTA’s more than 250 companies:



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COMMUNITY OF INNOVATORS 

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