

Lazio Region renews its support to the local enterprises taking part in the 2016 edition of Farnborough International Airshow, with great conviction.

FIA remains one of the most important sectoral events worldwide, with the participation of the major players of aerospace and security. Businesses, institutions and the world of research and technology meet here every two years to exchange information, to envisage opportunities and to start collaborations.

Lazio is here in Farnborough with its distinctive excellences, that constitute a complete aerospace industrial chain, from research at the frontiers of knowledge, to a production system made of small and big enterprises, taking part in many civil and military, European and global programmes.

Aerospace and security are two of the Areas of the Smart Specialization Strategy that constitutes the basis on which our action to support economic and productive development is built. They have a long-established tradition, and they are characterized by the presence of real "goldmines" of advanced technologies, and by the concentration of extraordinary skills in big, medium and small enterprises. All this makes the aerospace system of Lazio a key-driver for innovative technologies, that can find applications in other sectors and that can act as a driving force for the competitiveness of the whole regional industry.

From health and wellness to food safety, from sustainable farming to efficient use of natural resources and raw materials, from climate and environment protection to integrated transports and security: these are some of the application areas for aerospace technologies that can contribute to the rising of quality and capacity of our entire production system.

Aerospace industry is one of the priority levers to count on for integrating Lazio in the global value chains. This is the main goal of the Regional Government led by Nicola Zingaretti, that concretely supports - with almost 300 million euros - the competitive repositioning of Lazio production system, with actions fostering innovation and internalisation of businesses.

18 small, medium and big businesses are hosted in the Lazio Region space at FIA 2016. You will find all of them described in this catalogue. As further evidence of the will and the capability to combine great innovation and presence in the global arena.

## **Guido Fabian**

Regional Councillor for Economic Development and Production, Lazio Region



## LAZIO AEROSPACE SYSTEM

Aerospace & Security in Lazio has a global competitive advantage, both in terms of industrial and research expertise and in technical-scientific competences. In 2004 DTA (Lazio Aerospace Technology District), the first Italian aerospace technology district, was established in the Framework Agreement (APQ) signed by Lazio Region, the Ministry of Economy and Finance and the Ministry of Education, University and Research.

Lazio Innova, the regional agency dedicated to innovation, finance and economic development, manages the DTA in accordance with Lazio Region Smart Specialization Strategy.

## A complete value chain, from research to services:

- Advanced materials
- Air, maritime and airport traffic management world-class systems
- Aviation MRO&U Services
- Nano and Microsatellite Systems
- Satellite electro-optical instruments, flight sensors and equipment for payloads
- Satellite ground segments, terminals and applications (EO, SAT-COM, SAT-NAV)
- Space launch services
- Stratospheric platforms
- Unmanned Air Vehicle



## **DTA KEY NUMBERS**

More than 5 billion euros turnover

30.000 Employees

250 Companies

**10** Research Centres

**5** Universities

6 Among Incubators, Accelerators and Technology Parks

4 Faculties of Engineering

**12** Engineering University Departments

**30** Higher Education University Programs

**3.000** University Professors, Researchers and other Specialists involved in Aerospace R&D

www.regione.lazio.it www.lazio-aerospazio.it www.lazioinnova.it





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CELAB is a testing laboratory operating in Military, Avionics and Aerospace. It's member of RTCA and EUROCAE, working groups for DO-160 & ED-14. CELAB is specialized in: Environmental Qualifications; Mechanical Simulations; Biological Tests on customer specifications; Laboratory tests: DO160, ED14, MIL STD 810, MIL STD 461, STANAG, EMC, LVD, R&TTE/RED and many more Notified Body for the CE marking Assessment for EMC, LVD and R&TTE/RED Directives.





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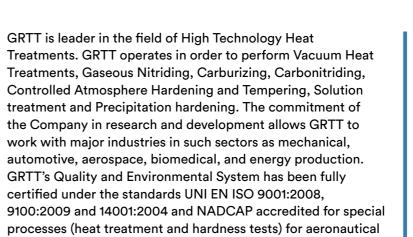
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IDS is an independent engineering and systems technologies company providing research, innovation and products in the electromagnetic and air navigation fields for both civil and defense applications. Since 1980 IDS has specialized in providing consulting services for high-tech engineering projects and in developing integrated electromagnetic design solutions and measurement systems for aerospace and naval applications. IDS also produces a range of fixed and rotary wing unmanned aerial systems.

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The Company, established in 1958, started its activity producing precision mechanical parts and assemblies aimed mainly to the military market. To respond to the new demands of the market MES gradually expanded its activities and today with 120 employees and an Engineering department strong of 10 mechanics and electronics engineers (hardware and software) it is in the position to satisfy customers demands, always in full compliance with most stringent quality requirements, with its production and engineering capabilities that today can be divided in three main areas: Mechanics engineering and production; Electronics engineering and production.

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Microlab, established in 1981, is involved in Design/
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Progetti Speciali Italiani Srl (PSI) operates mainly in the following areas: Aerospace; Defence; Homeland Security. The industrial base turnover is about 20 MEuro with about 200 employees. At the date PSI received contracts to perform the following activities for a set of National and International customers: In Orbit Large Infrastructure configuration; Nano/Microsatellites for Dual Use application; Small GEO TLC Satellite Phase B study UAV system and application; Consultancy on the Ground Segment of Large TLC constellation; Large Space Thermal Vacuum Simulator.

PROGETTI SPECIALI ITALIANI Srl Address: Via Monte Santo 2, 00195 Roma ITALY Ph: +39 06 3215001 E-mail: info@psi-space.eu Web site: www.psi-space.eu Contact person: Armando Orlandi E-mail: aorlandi@intese.com SATEC is an independent and privately owned insurance underwriting agency, which operates at national and international level in specialty classes of business since 1993. We offer a full set of insurance products relating to aerospace technology: Satellite and Equipment Pre Launch; Launch and In Orbit; Life Launch Vehicle Flight and Satellite Commissioning Aircraft Hull; War and Liabilities; Personal Accident; Loss of License Airports; Products, Manufacturers Liabilities; Drone Hull and Liab.

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Space Engineering is an Italian space industry leader with more than 27 years of experience in space technologies, now part of the world leading Airbus Defence and Space, Space Systems. The Company has outstanding expertise in research, development, engineering, simulation, prototyping, integration, testing, validation, smallscale production for Space & Ground system and components, owning a significant number of international patents.

Thales Alenia Space, a joint venture between Thales (67%) and Leonardo (33%), is a key European player in space telecommunications, navigation, Earth observation, and exploration and orbital infrastructures. With Telespazio forms the two parent companies' "Space Alliance", which offers a complete range of services and solutions. Because of its unrivaled expertise in dual missions, constellations, flexible payloads, altimetry, meteorology and high-res optical and radar instruments, it is the natural partner to countries that want to expand their space program.

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