

## PRESS RELEASE

### **Torino Piemonte Aerospace: an organised supply chain at the Farnborough International Air Show**

July 2016 - Piemonte and its capital city Torino returns to Farnborough International Air Show (11-17 July), **Hall 1 Stand A140** with more than **30 companies** represented by **14 exhibitors**. The participation is organized by *Piemonte Agency* on behalf of *Regione Piemonte* (Regional Government) and is co-financed by the Development and Cohesion Fund within the project **Torino Piemonte Aerospace** the preferential channel for international key players to get in touch with the local top class companies specialized in aviation, space and defense and endowed with a strong vocation for **innovation**.

The Piemonte delegation offers fully integrated solutions for propulsion systems for aircraft and helicopters, high precision machining and tooling, composite and metal assemblies, retraining systems for the space cargo modules, reverse engineering, topology optimization and additive manufacturing, program management, design, engineering, parts/assemblies, including material, machining, NDT, HT, avionic/electric harnesses, MRO, QMS management, training, ILSE, composite structures, test/validation, gaskets and sealings, thermal/acoustic insulation products, interiors lightweight materials, flexible hoses and expansion joints, flight control, landing gear and actuation systems, as well as cabin comfort systems, and much more.

The participation includes **2 clusters** as a result of *Torino Piemonte Aerospace* aggregation activities: the **ALTAIR Consortium**, made up by nine companies and the **AENCOM** cluster with **11**, the latter lead by a special agreement enabling members to act as a virtual company, but enjoying the typical SMEs' flexibility and the know-how and manufacturing capacity of larger businesses.

**AENCOM** has already delivered for Avio Aero a demonstrator of the low pressure turbine for the latest generation of "green" engines, for an order worth approximately **1 million €**. At Farnborough Air Show **ALTAIR** exhibits a vertical stabilizer mock-up that is the results of pooling the expertise of all the companies of the consortium.

Moreover, on the occasion of the participation at the Air Show, **5 companies** are grouped together to provide international customers with **integrated solutions** to replicate and reengineer existing metal components, for example parts of an aircraft that need to be replaced, when spares, CAD data or original tooling are unavailable, as well as parts that were produced in a dismissed line, or whose structural designs reveal improvement opportunities. This approach exploits the outstanding performances offered by the newest hardware and software technologies of the 5 Italian SMEs cooperating to effectively meet customers' tangible needs: reverse engineering, topology optimization and additive manufacturing, not forgetting the necessary mechanical processing and finishing, up to the approval & certification process.

On the booth the **online technological platform - [www.tpaflytech.com](http://www.tpaflytech.com)** - will also be presented: it introduces possible international buyers in the Torino Piemonte Aerospace Supply Chain and facilitates the **selection of suppliers and of technological partners** by making immediately understandable companies' products, capacities, capabilities and innovative projects developed by the Technical Working Groups and by the Integrated Supply Chains.

Thanks to a methodology developed over the years, Torino Piemonte Aerospace Team was able to meet the needs of major international players combining their expectations with the SMEs capacity in Piemonte in terms of technological and integrated supply capabilities maturity. This

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gave birth to small verticalized clusters able to provide comprehensive and innovative solutions. Strong of these achievements and added value results, Torino Piemonte Aerospace is back for the 7<sup>th</sup> time to the Show: overall, the project participated in the event with **more than 60 Piedmontese exhibitors** and entrusted **orders** by international key players for approximately **8.000.000 €**.

### Piemonte delegation to Farnborough International Air Show 11-17 July 2016

1.	AENCOM	www.aencom.com 1. A.P.R. www.apr.it 2. Blue Engineering www.blue-group.it 3. Comutensili www.comutensili.it 4. Costruzioni Novicrom www.costruzioninovicrom.it 5. Lmb www.lmbsrl.it	6. Rosfer www.rosfer.it 7. S.P.I. www.spi-tech.it 8. SRS Engineering www.srsed.it 9. TTN www.ttnspa.it 10. Loson Compositi www.loson.it 11. Allinox Components www.allinoxcomponents.it
2.	ALTAIR Consortium	www.altairconsortium.com 1. Alfa Meccanica www.alfameccanicasrl.it 2. ARES www.ares-srl.com 3. Bercella www.bercella.it 4. CT Engineering Ltd www.thectengineeringgroup.com 5. Euroguarco S.p.A. www.euroguarco.com 6. L.M.A. www.lmasrl.it 7. Prestel Avio www.prestelavio.it 8. Setel www.setelgroup.it/ 9. S.I.M.E. www.simeccanica.it	
3.	AEROTECH*	www.aerotechsrl.com	
4.	ITACAE*	www.itacae.com	
5.	PROGEM*	www.progem.eu	
6.	BEAMIT*	www.beam-it.eu	
7.	LABORMET DUE *	www.labormetdue.it	
8.	Mecaer Aviation Group	www.mecaer.com	
9	Mepit	www.mepit.com	
10	Comutensili		
11	Plyform Composites	www.plyform.itwww.htf-aero.com	
12	H.T.F.		
13	Sabelt	www.sabelt.it	
14	Tubiflex	www.tubiflex.com	

### Torino Piemonte Aerospace: a managed and performing supply chain

Torino Piemonte Aerospace offers to international global players a **supply chain** managed according to a business model shared with worldwide industry and consolidated by experience.

The result of using such an approach is a supply chain that turned parts manufacturers into systems analysts, individual companies into supply chains, increasing the **value proposition of the Piemonte aerospace cluster**. This is indeed a **Piedmontese best practice** that inspires many aerospace clusters in the world.

### The aerospace sector in Piemonte

The Aerospace cluster in Piemonte boasts an average total turnover of 3.9 billion € and 14,779 employees (2012, source: Torino Chamber of Commerce, Piemonte Agency "10 years of the aerospace cluster turnovers").

At the end of 2014, Piemonte exported aircraft and spacecraft products for a value of 1,039 million €, with an increase of + 1.7% compared to 2013 and -7.4% compared to 2012.

Imports reached 578 million € (compared to 499 million € of the previous year): the trade balance is therefore positive and total +461 million €. The Province of Torino exports 95% of the Piemonte's sector industry goods, for a total value of 982 million €. Even at a provincial level, the balance between sales and purchases of aircraft and spacecraft products is positive (+629 million €). The United States are confirmed as the main

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commercial partner for aircraft and space-vehicles: the Torino Province exports there 40% of total sales (390 million €, a value that grew + 17% as compared to 2013). The United Kingdom comes second with 16% of the sales (153.2 million €), while differently from the USA, sales in 2014 dropped by 20%. In third place ranks Germany (153 million€), followed by France (105 million €). (source: ISTAT).

### The aerospace sector in Italy

The aerospace sector in Italy is seventh in the world and fourth in Europe, with a turnover of about 12,9 billion € and a highly specialized work force of 44.375 people (2012, source: Torino Chamber of Commerce, Piemonte Agency "10 years of the aerospace cluster turnovers"). The aerospace sector is recognized as one of the most important in Italy, where the development and application of new technology play a crucial role, both in terms of improvement in design capability, as well as in the potential it offers for the manufacturing and design of high-tech products. The investment in research and development, that equals to 15% of the total turnover, enabled the sector to achieve considerable targets in the winning important of orders. Former Finmeccanica Group now called Leonardo, through its Divisions, Avio Aero and Piaggio Aero are the major Italian players of the sector and act as prime contractors in the top market segments (in terms of sales volume and stated technological content) and take part in the most important European and international programs.

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