



***Filas strategy to enhance DTA impact in the global dual scenario”***

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Regione Lazio  
Assessorato allo Sviluppo  
Economico, Ricerca,  
Innovazione e Turismo



Finanziaria laziale  
di sviluppo

## Regione Lazio's Aerospace sector: key facts and figures

Filas

- **250 prominent sized companies** concentrate in different areas of industrial expertise
- **30,000** employees
- **5 Billion** Euro turnover
- **10 Research centres** (ASI, CNR, CSM, ENEA, ESA/ESRIN, INFN, INAF, CAA, RSV, Centro Atena, ecc.)
- **5 Universities** (La Sapienza, Tor Vergata, RomaTre, Cassino, Viterbo)
- **4 Technological Centres** (Tecnopolo Tiburtino, Tecnopolo di Castel Romano, Pa.L.Mer., Campus biomedico)
- **4 Engineering Faculties, 12 Departments, 30 Postgraduate and Graduate courses** and many research projects managed by ASI, ESA, CNR, ENEA, INFN.
- **3000 professors, researchers and specialists** involved in R&D activities in aerospace fields.
- **Support services for the technology transfer and start-up creation:** Incubators centres i.e. ESA incubation centre, Bic Lazio, E2bLab Tor vergata, Sapienza Innovazione, ILO Roma 3, ecc)



## The constitution of the Aerospace Technology District in Lazio (DTA)

Filas

- On **June 2004** the **Regione Lazio** signed the **APQ6** (Framework Agreement) with **MEF** (Ministry for Economy and Finance) and **MUR** (Ministry for University and Research) for the constitution of the DTA
- Regione Lazio entrusted **Filas** to realise and coordinate DTA's activities

### Resources

**62 M€** (30 M€ MUR + 32 M€ Regione Lazio) on the following activities:

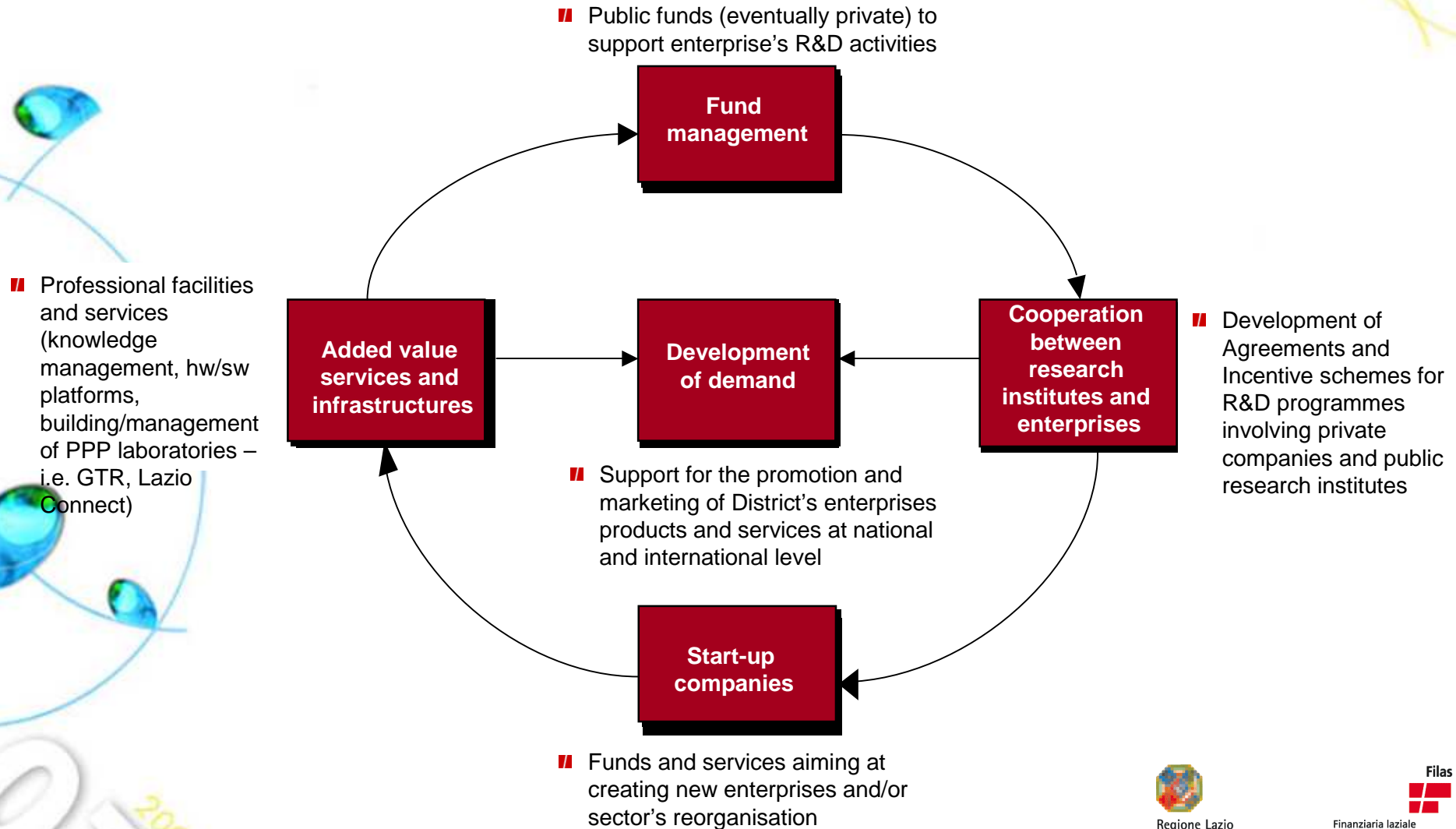
1. Industrial Research
2. Education & Training
3. Technology Transfer
4. Support to Innovative Projects
5. Start-up creation
6. Seed and Venture capital for SMEs
7. Development and management of Infrastructure and laboratories
8. Large scale demonstration projects

### Areas of interventions

- New planning and design methodologies, innovative materials, new production technologies
- New technologies and methodologies for telecommunication and remote sensing space system and apparatus
- New technologies and methodologies for avionics apparatus and systems
- New technologies and methodologies for avionics and land communication apparatus and systems
- New technologies for air traffic and airport traffic management



# FILAS' 5 main areas of action for the management of DTA



## Tools for supporting the DTA *Fund management for R&D and Tech. Transfer*

Filas

- **First Call for proposal DTA 2005 MUR 14,05 M€ (closed)**  
Industrial Research, Education & Training in the aerospace sector in Lazio.
  - *35 proposals evaluated equalling 99 M€.*
  - *Selected and launched 9 projects with 14,05M€ public funding*
- **PITT Technology transfer**  
€100.000 grant for TT between universities/R&D centres and regional enterprises
  - *11 TT projects approved in 2006 and 4 in the first semester of 2007*
- **Innovalazio prize (now open!)**  
A regional annual contest awarding the 3 best performing innovative companies with a €100.000 prize
  - *closing date for the 2007 edition : 10 October 2007*



# Tools for supporting the DTA *Fund management for R&D and Tech. Transfer (under development)*

Filas

- **Second call for proposals MUR (14,6 M€)**  
aimed to support Industrial research projects and training in the aerospace sector to be implemented in the Regione Lazio.  
Beneficiaries: Universities, Research Centres, Enterprises.
- **Regional call for proposal for SMEs in the satellite navigation sector (2,35 M€)**  
Regional Call for proposals aimed to support the development of new products/services and applications based on SATNAV technologies and the future Galileo system.  
Beneficiaries: SMEs, consortia of SMEs.



## “ Tools for supporting the DTA Start-up creation

Filas

- **Seed and venture capital** (grants awarded on a rolling basis)  
Grants for SMEs as per L.R. 2/85 for innovative initiatives in hi-tech sectors. Filas' participation in companies' equity together with private investors (i.e. VC)
  - *in 2006, 3 participations for a total value of € 1.480.000,*
  - *2 Newco dedicated to the development of innovative products for satellite applications.*
- **Business Lab Filas** (grants awarded on a rolling basis)  
Grants for high-tech start-ups to finance feasibility studies, business planning, legal and financial assistance.
  - *2004-Present: 15 start-up in the Aerospace sector (success rate: 42%).*



## Tools for supporting the DTA *Added value services and infrastructures*

Filas

- **The Galileo Test Range**

The Lazio aerospace industry is going to become a European cluster of excellence, specialising in products and laboratories – i.e. Galileo Test Range- that will serve the GALILEO system, offering optimal conditions for the development of European enterprises in global markets

*The development of the First Stage of the GTR infrastructure is completed and the testing is about to start.*

*Signed the Agreement ASI-Regione for the launch of the Second Stage, infrastructure upgrading and the opening of the laboratories (in an experimental phase) to enterprises and research centres for their research projects.*

- **Completed Application of Regione Lazio as premises of Galileo Supervisory Authority**

*Rome/Regione Lazio's application is currently highly ranked and well positioned despite the high competition. Still in the evaluation process*

- **The ENEIDE Mission**

*since 2005, 17 experimental research projects have been carried out on the International Space Station (ISS)*

## Tools for supporting the DTA *Cooperation schemes, Enterprises' and innovation networks*

Filas

Designed and launched 2 horizontal instruments to foster the cooperation and aggregation processes in the Regional Industrial System:

- **Lazio CONNECT**  
Collaborative platform + legal and technical schemes for the DTA in order to support the creation of a *virtual enterprise network* for the district.
- **DTAwebDB – the web portal for the DTA business community**  
Interactive Portal aimed to map the expertises, technologies, products/services of the DTA in Lazio  
*100+ companies registered up to now. Beta version will be on-line soon.*
- **Space2Land Initiative – from space technologies to civil industrial applications**  
aimed at supporting the transfer of space technologies into commercial civil services involving representatives of the Public Demand.  
*- 14 projects in Infomobility and Transport, Territorial Management and structure monitoring (Civil engineering, Cartography), Safety & Environment.*  
*- round tables involving industry, R&D and Demand/Users - ATAC, Trenitalia, ANAS, Ares 118, Protezione civile, Regional and Municipal Assessorships.*



## Tools for supporting the DTA *Support for the national and international demand*

Filas

- **Growing GALILEO Initiative**  
Filas will facilitate and stimulate the participation of regional SMEs in the foreseen initiative **Growing Galileo** promoted by GSA. Next event: 14-15 November in Bruxelles
- **“NEREUS”- European network of regions using space technologies**  
Regione Lazio participates in the constitution of a European Body that will represent EU Regions interested in space technologies aiming at fostering the development of space technologies for civil applications. **Main partners:** Midi-Pyrénées (France), Baden-Württemberg, Bavaria, ...
- **Network Distretti aerospaziali europei (“ENCADRE”)**  
Coordinated by EU DG Enterprise, the DTA participates in the network of European Aerospace districts. **Main Partners:** Cluster Stuttgart (Germany), Cluster Prague (Czech Rep.), Cluster Baviera (Germany), ..
- **Match-making events with international delegation**  
Participation in Business *match-making events* (in cooperation with Industry Associations) with delegation of international countries: Malaysia, Netherlands, Mexico, Canada, Australia..
- **Sidereus project with The Republic of China (EU projects - Asia Invest)**  
Business match-making between DTA enterprises and Chinese aerospace enterprises, foreseen event in Beijing in 2008.
- **Other EU FP7 projects, Industria 2015**  
Filas/Centro Atena supports and facilitates the creation of partnerships for EU FP7 and for Industria 2015 (i.e. space technologies for infomobility applications - October 2007)