

ESA BIC Lazio incubation programme



REGIONE
LAZIO
SPAZIO**ATTIVO**

*Lazio Pulse Community Building Event
Wed 7 December 2016, ESA-ESRIN*

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Powered by:



BIC LAZIO SpA

Regione Lazio Governmental Agency, controlled by the holding company **Lazio Innova** (next merger by the end of 2016), has been supporting **territorial economic development** since 1990.

The experience, the widespread presence in the region and the synergy with local institutions are the factors that **BIC Lazio offers to help business creation, promote the upgrading of existing ones and ensure real opportunities for aspiring entrepreneurs.**



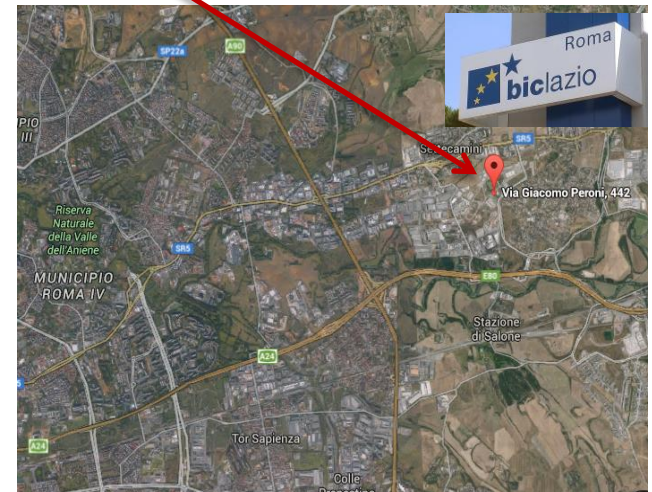
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INCUBATORS NETWORK

Where we act

Tiburtino Technology Park



Spazio Attivo framework

In the frame of regional policy on Technology Clusters **SPAZIO ATTIVO** acts as an **operational tool for managing relationships with the local innovation ecosystem**, providing the conditions for the **creation and launching start-ups and spin-off from research** and for a greater international competitiveness.

The **creation of new innovative and creative enterprises** is one of Regione Lazio's strategies to support the **economic development**, also for specific industrial and cultural characteristics that put regional innovation and creative industries in a leadership role at national level.





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esa business incubation centre
Lazio



INSPIRED FROM SPACE TECHNOLOGY



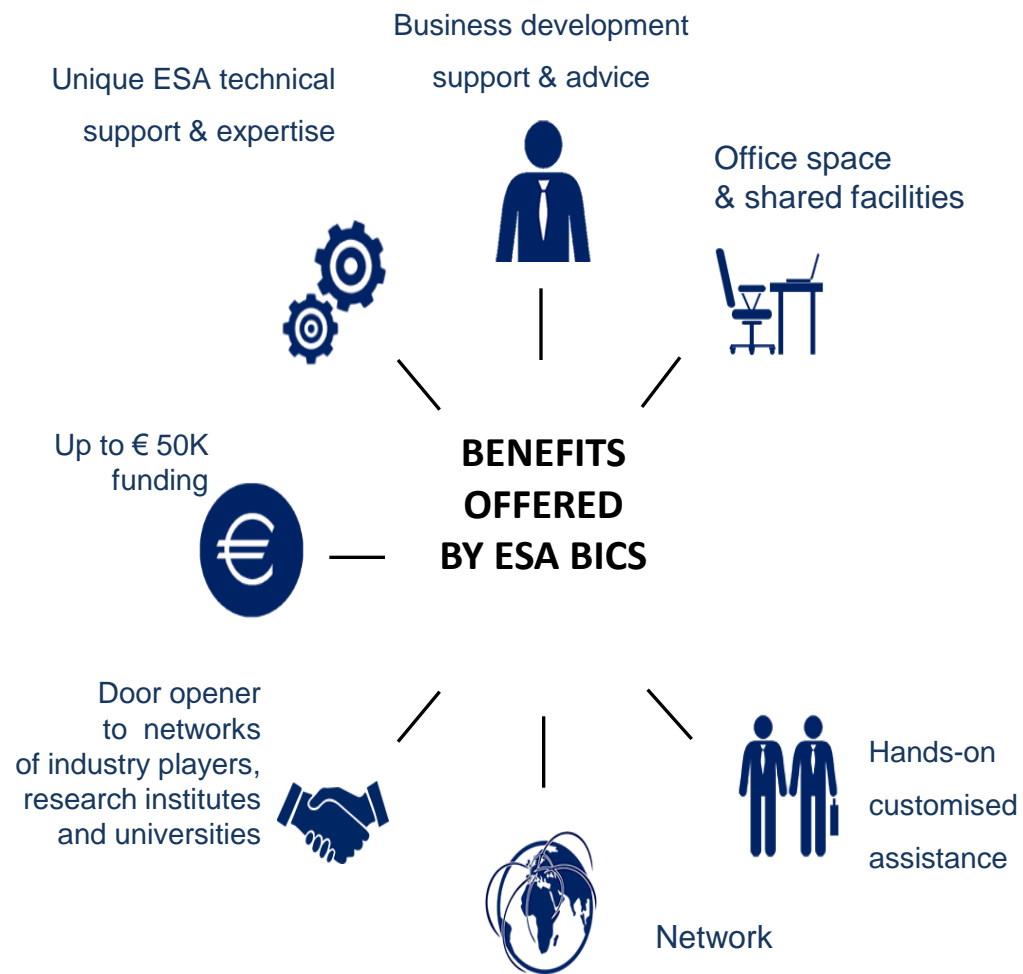
**business
incubation
centre**

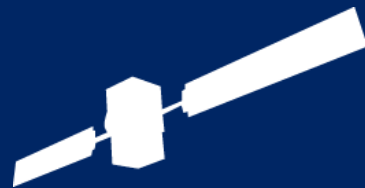
Lazio



A common approach established to Business Incubation

Lazio





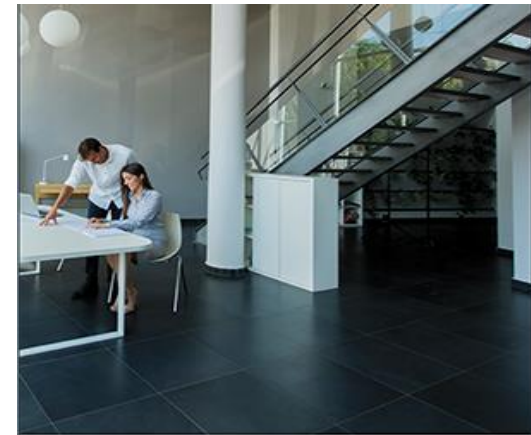
SPACE TECHNOLOGIES

In different sectors domains



TECHNOLOGIES FOR SMART BUILDING

An innovative smart sensor for **Indoor Air Quality Keeper** (volatile organic compounds, CO2, Carbon Monoxide) from technology developed for an electronic nose, participating in NASA-Shuttle Mission STS-134



TECHNOLOGIES FOR SMART UTILITIES MANAGEMENT



Innovative solution for research and pre-localization of aqueduct water leaks through the analysis of satellite images.

NEPTUNE

The map provided to the customer shows the water leaks with a color according to their own size, allowing a remarkable speed and saving of resources, compared to the traditional techniques of search and localization.



TECHNOLOGIES FOR SMART GOVERNMENT

Nome	Cognome	Data Nascita	Comune Nascita	Stato Nascita	Sesso	Vivo	Residente	Codice Fiscale	Via Residenza
ANDREOLI	ASPINI	07/07/1947		IT	M	True	True	1745873371072144	VIA SANTIPIETRO
ANTONI	AAPOSTOLI	22/09/1958		IT	M	True	True	4747798242321259	VIA RUGGIERO BATTIARDI
ARIELA	ARANTE	24/11/1969		IT	F	True	True	8744464666421254	VIA ARANTE
ARNA	ARASPI	14/08/1973		IT	F	True	True	8846472884212500	VIA APPLICAZIONE D
ARZIA	ARAGI	09/05/1979		IT	F	True	True	974013703011140	VIA BRINDISI
ARZUFFI	ARAZZI	09/06/1972	Raposa	ITA	F	True	True	9744604794341222	VIA GIULIA DIAMANTI
ARZUFFI	ARAZZI	19/11/2012	Raposa	ITA	M	True	True	8047871881841021	VIA LUCA DIAMANTI
ASARI	ARAZZI	14/03/1974		IT	M	True	True	9046474003234444	VIA GIULIA DIAMANTI
ASCHERBA	ARAZZI	05/09/1969		IT	F	True	True	9744604794341222	VIA VERGASIS
ASERF	ARFI ABDELRAHMAN	10/11/1981		SDI	M	True	True	888084101023440	VIA LEGGIO M
ASPIA	ARASOJA	10/01/1942		ALB	F	True	True	8744604794341222	VIA BRINDISI
ASPIA	ARANTE	04/11/1947	Ardea	ITA	M	True	True	8744604794341222	VIA BRINDISI
ASPIA	ARANTE	04/11/1947	Ardea	ITA	M	True	True	8744604794341222	VIA BRINDISI
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ASPIA	ARANTE	04/11/1947	Ardea	ITA	M	True	True	8744604794341222	VIA BRINDISI
ANTONINO	ARANTE	04/11/1947	Ardea	ITA	M	True	True	8744604794341222	VIA BRINDISI
ANTONINO	ARANTE	04/11/1947	Ardea	ITA	M	True	True	8744604794341222	VIA BRINDISI



Urban Management System is a platform to exploit the information assets of local public administrations.

It enables cross-checks and change detection to the recovery tax evasion and illegal building with the support of satellite observation, facilitating the direct and more constructive relationship with the citizen.

Material for applications



Source: Space in Images - ESA



The sentinel serie makes observations of a wide number of items, for instance:

Land management (use, water, agriculture, desertification, forest, deformation...)

Ocean (Marine safety, marine resources, coastal environments & pollution...)

Atmosphere (Air quality, greenhouse gases, Ozone...)

Climate (climate projections, carbon cycle...)

Emergency management (floods, forest fires, earthquakes & volcanic eruptions)

Security (early warning, in-crisis support)

FabSpace 2.0 is

- An open-innovation network for geodata-based innovation - by leveraging Space data in particular, in Universities 2.0
- A one-stop shop-access to Space data and a wide range of other data as well as free software and data processing tools to develop new digital applications
- Complying with the specific challenge and scope set out in the topic INSO-4-2015: Innovative schemes for open innovation and science 2.0
b) Academia - Business/ Public/ CSO knowledge co-creation”



The FabSpace 2.0 project received funding from European Union's Horizon 2020 research and innovation programme under the grant agreement n° 693210.



The FabSpace 2.0 model



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Objective: Set up and operate at University a free-access place & service where students, researchers and external entrepreneurs can make use of a data platform and design and test their own applications.

Specific Objectives

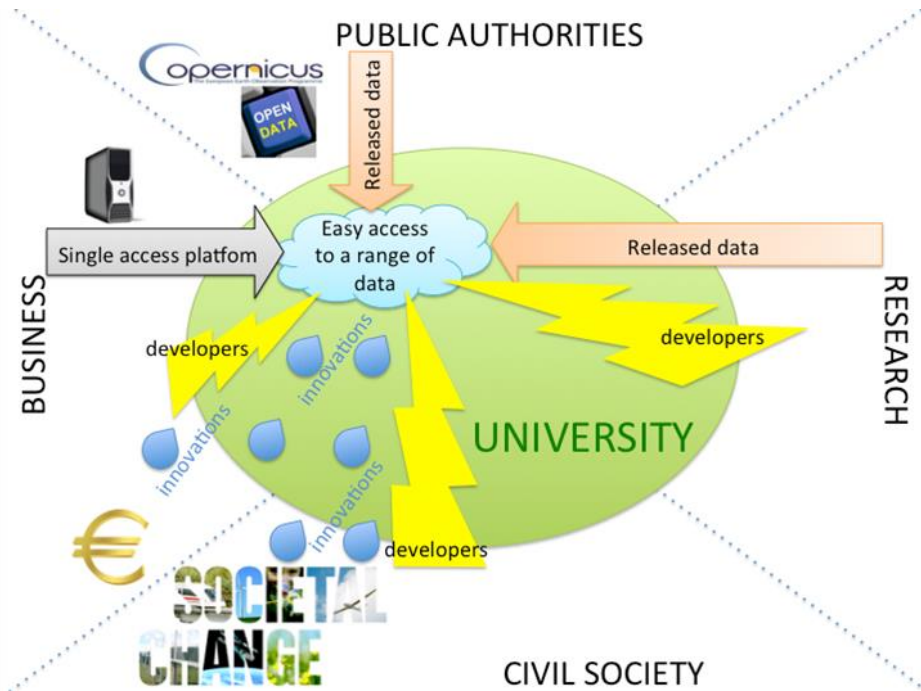
Train users to improve their capacity to process data and develop new applications

Network users and consolidate their needs and industry requirements

Foster the co-creation of new innovative solutions

Support further business development

Exploit, sustain and disseminate the FabSpace concept at European as well as worldwide level



WHAT'S NEXT

- **Università degli Studi di Roma Tor Vergata** and **BIC Lazio** are the partners operating at local level.
- Setting up and operating a **regional FabSpace services** (HW, SW, data management, daily technical support brought by FabSpace 2.0 staff).
- Two **Open Days** (scientific community and industrial applications) will be organized on first Q2017, in order to show and to explain the infrastructure and the operations linked to EO and navigation satellite data acquisition and management.
- **Space Science Shop** to define social and community needs in close cooperation with Civil Society Organisations, Public Authorities and Companies (i.e. external stakeholders).
- **Incubation centre** to provide valid support to mature EO application business projects in order to drive to the creation of start-ups, basically focuses on the capacity of **ESA BIC partners** in the consortium.



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SPAZIO ATTIVO ROMA TECNOPOLO Incubatore certificato



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agenzia spaziale
italiana



L'Europa alla portata della vostra impresa

Thanks!

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