

The Synergies with Research and Innovation Funds: Stairway to Excellence

«Science Parks as
innovation drivers»



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@ AREA Science Park

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Friuli Venezia Giulia (FVG) in figures



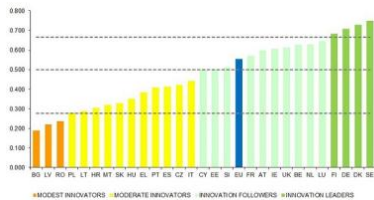
Geographic area (sq. km)
Resident population

7.840,13
1.221.860



Employment rate
Unemployment rate

63,6%
6,8%



EU Innovation capacity
(as much as Emilia Romagna and Piemonte Regions)

Follower-high



GDP pro-capite (Euro)

29.200

THE FVG KNOWLEDGE ECOSYSTEM



Regional context: many researchers of international level

	USA	Japan	Europe	Italy	Friuli Venezia Giulia	Trieste
Researchers, technicians, staff	14	12,9	9,5	6,2	14,1	49,3
Researchers only	8,1	9,1	5,7	2,9	8,8	37,1

per 1000 labour force units

Over 50 national and international



Research centres

AREA Science Park (in brief AREA) was established in 1978 and it is managed by the Consorzio per l'AREA di Ricerca Scientifica e Tecnologica di Trieste, a **national public research body**.

AREA is one of the leading Italian **multisector science and technology park** for companies and public institution active in research, innovation and qualified services.



AREA Science Park Trieste
Padriciano Campus

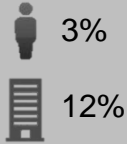


AREA Science Park Trieste
Basovizza Campus



TechnoAREA Gorizia
Autoporto S. Andrea

AREA clusters



ENERGY &
ENVIRONMENT

100% SMEs - 69% start-ups



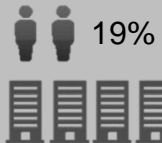
PHYSICS, MATERIALS &
NANOTECHNOLOGIES

54% SMEs - 50% start-ups



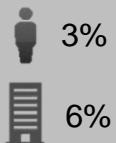
LIFE SCIENCES

65% SMEs - 20% start-ups



INFORMATICS,
ELECTRONICS,
TELECOMMUNICATIONS

95% SMEs - 31% start-ups



QUALIFIED SERVICES

100% SMEs

AREA in a nutshell



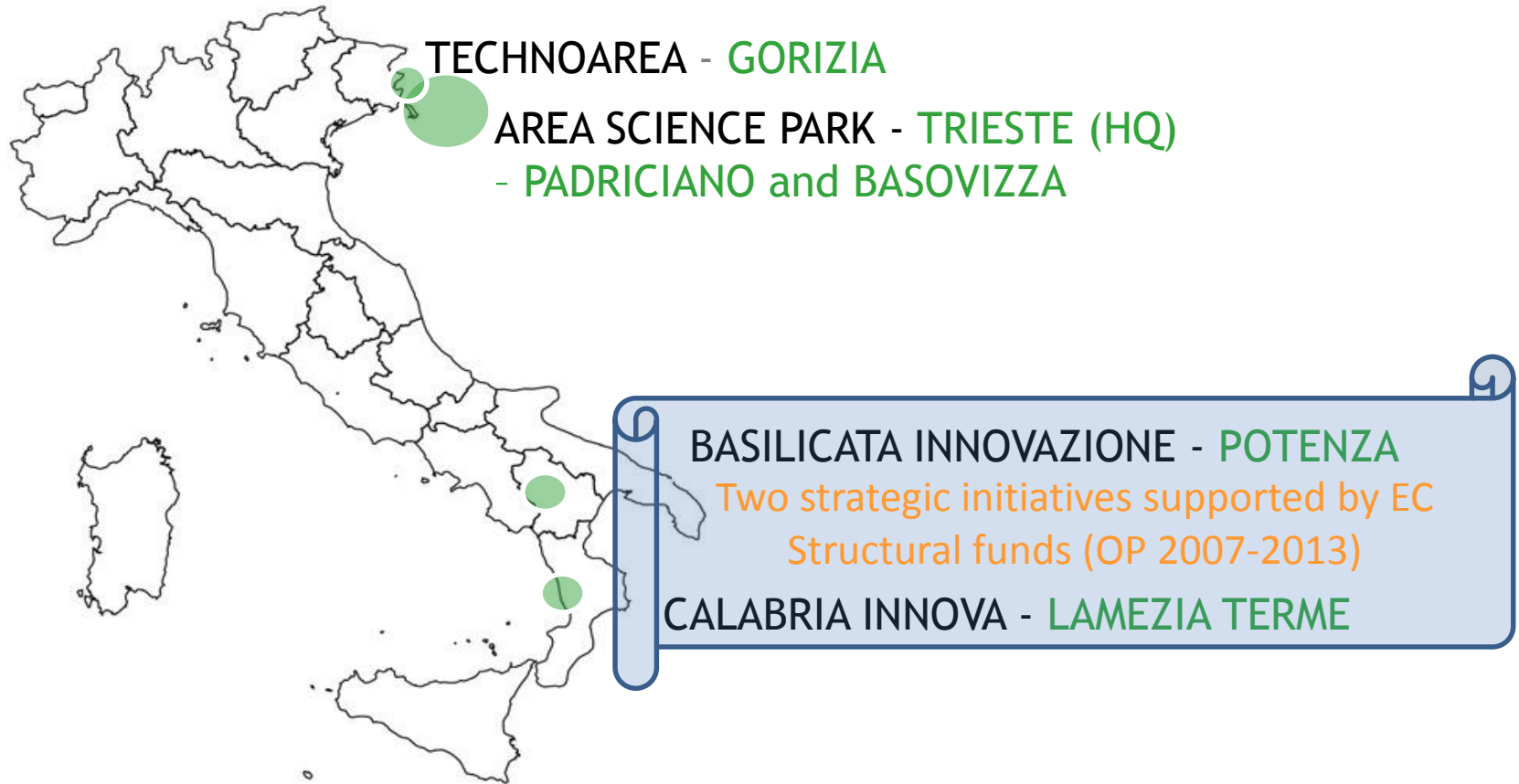
94.000	Sqm total surface area
3	Campuses
94	Research centres and hi-tech companies located in AREA Science Park
+190	M. Euro total annual revenue
+2.500	Employees (134 the Consortium)

Data as of date 31.12.2013

AREA SYSTEM



AREA NATIONAL SYSTEM



AREA's STRATEGY

new



- Consolidation, development and attraction in AREA Science Park of innovative and fast growing business (i.e. spin off, start up)
- Inception and development of European projects focused on innovative materials (inorganic, organic and bio-nano)
- Enlargement, enrichment and improvement of technology services (i.e. Technology and Business Foresight);
- Creation of a HUB for excellence scientific collaboration with European and Non EU Neighboring Organizations
- Development of Technical Assistance programme to ease capacity building process for EU funds fast absorption

RAFVG S3 Strategy* - 4 Pillars



P1 - Excellence in R&D (FESR: approx 30 MEURO)

P2 - Innovation growth and business support (FESR: approx 75 MEURO)

P3 - Niche market exploitation and new business support (FESR: approx 20 MEURO)

P4 - Business consolidation and crisis area resolutions (FESR: approx 25 MEURO)

* Rooted on a Regional innovation policy survey carried out on 3.000 business, R&D centers and assessing 3.323 R&S&I projects results (period : 2000-2012)

AREA's initiatives



Open Lab Support Structure (OL) / P1 & P2

➤ Why

Limited capability of SMEs to invest in qualified personnel for R&D and in expensive dedicated laboratories

Low capacity to compete and win H2020 calls for proposals

➤ What

equipped spaces reserved for individual projects, which can be used by the project leader, with access to research services, for the duration of the project

direct access to the expertise of the research groups and the site's excellent technical-scientific instrumentation and related assistance services

consolidated coaching services to support industrial competitiveness (fund raising, project management, transnational networking, technology commercialisation)

➤ Partners

AREA (Co-ordinator), ELETTRA Synchrotron radiation source Laboratory, IOM-CNR

AREA's initiatives



Proof of Concept Network (POCN) / P1 & P2

➤ Why

Often the inventions discovered by the universities are in a stage of development that still requires the direct involvement of the inventors/university researchers that need an industrial partner for the subsequent phases of testing

➤ What

Support the activities of validation and industrial development in collaboration with industry (TLR3-TLR7)

➤ Partners

AREA (Co-ordinator), a network of Research Public Bodies, Universities, NETVAL, School of Management, Industrialist Association

Project website: www.pocn.it



AREA's initiatives



Model for Technical Assistance (MAT) / P2 & P3

➤ Why

to accelerate European integration / EU accession by supporting the Balkan areas policy makers and economic actors in implementing the systematic reforms needed to meet the Copenhagen criteria.

➤ What

capacity building actions in the following macro-areas:

a) technology development and transfer to marketable product/services;

b) financial and economic development, new enterprise & micro-loans deals.

➤ Partners

AREA (Co-ordinator), National Agency of Micro-Credit with the support of the Autonomous Region Friuli Venezia Giulia.

THANK YOU!



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