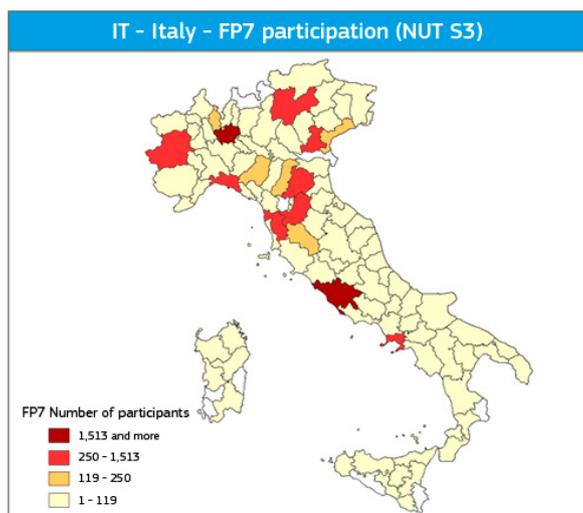




European
Commission



ITALY



Over the last decade, the Italian economy has been oriented towards non-research intensive activities and the R&D intensity increased moderately reaching 1.27% of GDP in 2012, with almost equal contribution from public and private sectors. Despite an increase in the R&D intensity of existing sectors, the levels of R&D investment remain largely under those of main industrial competitors. This indicates a trend towards a specialisation in lower technology intensive products. The relative low level of investment of the private sector in R&D and innovation is largely due to the fact that the Italian economy is characterised by a large number of SMEs and micro firms (notably in traditional sectors), as well as large regional discrepancies.

In order to face those challenges and improve the cooperation between public and private sectors, Italian authorities defined eight technological clusters in key research areas and selected 30

projects where 456 actors from both sectors will be actively collaborating. Country's competitiveness might also further gain from improving the performance of the higher education system, as well as a better response to the need for skills by the economy.

Innovation Output Indicator position	17 out of 28 (2014)
Innovation Union Scoreboard position	15 out of 28 (Moderate Innovator)
R&D intensity (% of GDP)	Current level (public and private sector, 2012): 1.27 Target: 1.53
Total number of participants, total EU financial contribution € million	11.743 participants receiving € 3.529,80 m in FP7
Total number of SME participants, total EC financial contribution € million	2.306 SMEs receiving € 547,87 m in FP7
Number of ERC Principal Investigators, total EC financial contribution € million	396 ERC grantees receiving € 575,97 m in FP7
Number of Marie Skłodowska-Curie Actions Fellows, total EC financial contribution € million	3.005 MSCA Fellows receiving € 2.423,53 m in FP7
Number of applicants	61.491 (11,83 % of EU-28)
Success rate (EU-28 = 20,5%)	18,3%
Rank in number of participants signed contracts (EU-28)	4
Rank in budget share (EU-28)	4
Top collaborative links	1. DE - Germany (20.577) 2. UK - United Kingdom (15.894) 3. FR - France (15.350) 4. ES - Spain (13.553) 5. NL - Netherlands (8.318)
Total population & EU 28 population share (source: Eurostat)	59.685.227 (11.8% of EU-28)

eCORDA DATA update as of July 2014

Top 10 beneficiaries, EC financial contribution granted in FP7

Name	Number of Participants	EC financial contribution € million
CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)	692	230,70
POLITECNICO DI MILANO (POLIMI)	246	84,57
ALMA MATER STUDIORUM-UNIVERSITA DI BOLOGNA (UNIBO)	243	80,75
UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA	202	78,67
CENTRO RICERCHE FIAT SCPA (CENTRO RICERCHE FIAT)	196	73,03
UNIVERSITA DEGLI STUDI DI PADOVA (UNIPD)	186	60,22
POLITECNICO DI TORINO (POLITO)	209	52,58
FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA (IIT)	96	49,23
ISTITUTO NAZIONALE DI FISICA NUCLEARE (INFN)	85	48,99
UNIVERSITA DEGLI STUDI DI MILANO (UMIL)	141	48,98

BIOCOPAC

Tomato skin – a natural lining for metal cans

The BIOCOPAC project developed a novel bio-lacquer for metal food packaging designed to meet current demand for sustainable production and safety.

The project team expects their innovation will increase the competitiveness of the EU's metal cans industry, cut unnecessary waste and better protect consumers.

PROJECT DETAILS	
Coordinator	Experimental Centre of Canned Food Industry, Parma, Italy
Country partner	Chiesa Virginio (Canneto sull'Oglio) Rodolfi Mansueto S.P.A. (Ozzano Taro Parma) Salchi Metalcoat S.R.L. (Burago di Molgora)
Other countries	GR, LI, ES, FR, CZ
Funding	EU funding approx. € 0.8 Million out of € 1 Million of total costs
More info	Read the story

V-MusT.net

Creating an international network for promoting Virtual Museums

Virtual Museums are an exciting development that allows 'visitors' to explore their cultural heritage in an interactive way.

The international V-MusT.net project created a network of institutions to produce sustainable tools and share know-how on establishing such virtual reality experiences.

PROJECT DETAILS	
Coordinator	National Research Council, Rome, Italy
Country partner	The City of Rome (Rome) Agency for the Promotion of European Research (Rome) Inter-university consortium Cineca (Casalecchio di Reno)
Other countries	UK, NL, DE, FR, CY, BE, EG, SE, GR, ES, IE, BA
Funding	EU funding € 4.5 Million out of € 5 Million of total costs
More info	Read the story

PEPMIDAS

The gold standard for cancer treatment

Platinum-based drugs effectively target rapidly dividing and cancerous cells, but the side effects for patients can be traumatic.

At the University of Padua, Professor Dolores Fregona's EU-funded research on gold compounds shows a higher success rate and less organ damage.

PROJECT DETAILS	
Coordinator	University of Padova, Padova, Italy
Country partner	-
Other countries	-
Funding	EU funding corresponds to the total cost of the project: € 45.000
More info	Read the story

Nu-Wave

Five innovative products to help revitalise Europe's textile sector

An EU-funded project, Nu-Wave, has produced new tools to help Europe's textile industry restore its position on the world market.

The project team developed five innovative products that could revive the sector: a crochet knitting machine made with new composite materials; an online calculator to help companies measure their environmental impact; a new yarn dyeing machine; a testing desk for wear resistance of metal parts; and an online tool to help exchange ideas. The results mean less energy and water use, lighter and stronger machines, and fewer chemicals wasted.

PROJECT DETAILS	
Coordinator	D'Appolonia S.P.A., Genova, Italy
Country partner	ACIMIT – Italian Textile Machinery (Milano) Comez Gestioni S.P.A. (Cilavegna) Giussani S.R.L. (Albese con Cassano)
Other countries	CZ, DE, BE
Funding	EU funding € 1.7 Million out of € 2.5 Million of total costs
More info	Read the story