



the Filas international newsletter



Finanziaria laziale
di sviluppo

to innovation

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Welcome

An Eye to Innovation turns its glance back on the pivotal issue of innovation through various projects and activities managed by the Lazio Region and Filas to promote the internationalisation of Lazio SMEs and support regional and transregional clusters.

As indicated by the Commission in its *Putting Knowledge into Practice: A broad-based innovation strategy for the EU* Communication, the European Commission indicates innovation as the only possible route to development.

All forms of innovation need to be promoted, for innovation comes in many forms other than technological innovation, including organisational innovation and innovation in services. In this context, while increased competition constitutes the most efficient instrument to stimulate innovation, policy measures and innovation support mechanisms may also have an important role to play.

Another fundamental step that is necessary in order to attain this objective is internationalisation and the creation, particularly in Asia, of market conditions that are favourable to the enterprises of the European Union.

On behalf of the Lazio Region, Filas promotes a culture of innovation, strives to bring research, education and enterprise to collaborate more closely and supports the internationalisation of SMEs. In this context, Filas is participating in two new "Pro INNO Europe" Projects on innovation support policy.

PRO INNO Europe is a new innovation policy initiative intended to become the focal point of innovation policy analysis and development throughout Europe. It aims to improve policy learning based on sharing experiences with

examples of best practice throughout the EU and to increase and improve trans-national innovation policy cooperation. PRO INNO stands for "promotion of the innovation in Europe" and it is in particular addressing the innovation policy initiatives funded with public funds and with public-privat partnership. Project INNODEAL, which is coordinated by Filas, promotes the sharing of information, good practices and transregional exchanges on currently operating regional programmes to support innovation and the development of SMEs. Project CLUNET, in which Filas participates as a partner, aims at sharing experiences amongst European and North American partners, on cluster innovation and development policies targeting internationalisation and industrial incubators.

In terms of innovation analysis and assessment, this issue presents the findings of the 2006 Lazio Regional Innovation Scoreboard that illustrates the dynamics and evolution of regional and national innovation as well as an interesting article on new tech-based firms, the so-called gazelles, which play a fundamental role in all modern industrial economies.

Together with this issue of An Eye to Innovation, you will also find the second issue of the OMEN UPDATE, a newsletter totally dedicated to the activities and results of Project OMEN in the field of benchmarking and policy impact assessment on regional innovation.

A Strategy for Innovation

The Seventh Framework Programme for Research and Development of the European Commission (2007-2013) ushers in a new phase in support of innovation and cooperation in Europe; a new horizon that is based on the success of the Sixth Framework Programme and, in particular, the European Research Area, a sector that is crucial to guarantee the economic and competitive future of Europe.

The Seventh Framework Programmes, amongst many other objectives, promotes the development of initiatives favouring the development of clusters, innovation and regional finance. In this context, various initiatives have been devised to favour regional support strategies for SMEs.

In particular, in its *Putting Knowledge into Practice: a broad-based innovation strategy for the EU*, the European Commission drafted - a ten-point programme on promoting innovation at the national and European levels through industry-led innovation. Indeed, industrial innovation supported by the necessary policies lies at the heart of the renewed Lisbon Agenda.

The Europe INNOVA initiative aims to provide information and assistance as well as strengthening collaboration amongst the main actors involved in entrepreneurial innovation (enterprise managers, political leaders, cluster managers and investors). The sectorial approach employed by Europe INNOVA favours cooperation amongst European business clusters through the creation of networks and platforms for the exchange of experiences, information, good practices and knowledge.

Clusters strengthen their individual components and bring the worlds of research, enterprise and finance closer together, increasing both cooperation and their competitive advantage.

The technological development witnessed in the past years demonstrates that clusters allow a greater agility on the market and, thanks to an improved production, the ability to attract investments and the best researchers as well as to support research and increase the production of goods and services. Thus, the best international clusters, such as the Silicon Valley in California, produce the most important innovations.

The new generation of European programmes centres on innovative clusters in the context of regional policy. In fact, it is at the regional level that there is the greatest interaction amongst enterprises, and particularly SMEs, and the training and research sectors that detain and create a vast percentage of the existing know-how and technological innovation. The geographical proximity of actors favours their economic aggregation.

It is in this framework that the new framework programme for research in the European Union promotes the development of innovative regional clusters. At the same time, the European objectives aim to promote transnational cooperation more intensely and efficiently in order to generate European clusters capable of competing on a global scale. In economic terms, this is referred to as the *competitive advantage theory*: in an era of liberalized markets, territories tend to specialize in fields that will allow them to excel dynamically on a global level.

As the reference agency for the European Research and Development Programmes, Filas presents proposals and projects to encourage SMEs in Lazio to innovate, advances new models for international cooperation and promotes strategic partnerships between university and industry.

Within these thematic, under the Pro INNO Europe umbrella, Filas participates with Project CLUNET, which in representation of sixty-two world-level clusters, will adopt common transregional programs to promote cluster innovation and development policy through the exchange of experiences amongst consortium partners.

Project INNODEAL, another PRO INNO Europe project that is coordinated by Filas, aims to develop the necessary conditions to promote a systematic exchange of information and good practices on programmes supporting innovation and the development of SMEs and, in particular, the creation of spin-offs and start-ups.

In terms of international cooperation, Filas has recently signed a Memorandum of Understanding with the Media Development Authority of Singapore (MDA) for a partnership in a series of sectors including digital technology and applications, multimedia, cinematographic production and post-production, animation, photography, music and publishing (*see section 0.4*).

These are the issues on which Filas concentrates its attention, in line with the policies and initiatives promoted by the European Commission, to implement its programmes and manage the relative financial tools.

Michela Michilli

Head of Eu programmes and initiatives Unit

Project Next Media

The Next Media Project allots two million euro to projects in the radio, cinema and television sector through a call prepared by the Instruction Councilorship of the Lazio Region, with the technical assistance of Filas.

Next Media aims to support sector professionals, young unemployed peoples and workers at risk of employment, besides promoting new enterprises and the consolidation of existing SMEs.

Next Media is an inter-regional project lead by the Lazio Region and that involves five major Italian regions (Piedmont, Tuscany, Umbria, Campania and Bolzano).

The public call reserves one million euro from POR Objective 3 FSE 2000-2006 European Funds and has been structured according to guidelines provided by an in-depth research that analysed the training requirements of the sector at a regional level with particular attention to new market openings, including international ones. Moreover, a screening that was carried out in all the involved regions lead to the development of innovation indicators that will be used to evaluate call applications.

"The inter-regional nature of this initiative," Lazio Region Education Councilor Silvia Costa declared, "gives it a particular strength and efficacy that derives from the importance of the activated synergies, the value of the alliances amongst different realities with a common national identity, a shared vision and the important objective of re-establishing our region on the international markets by exploiting the complementary character of different territories.

In this context, the councillor explained, "Lazio plays a central role in the Media and Communications sector and hosts some of the most important Italian companies working in the field (cinema, television, radio, but also information, telecommunications, Internet, and other related activities).

Moreover, the importance of the region is not only given by large enterprises, but also all the small and medium sized enterprises that constitute an extraordinary resource on account of their strong innovative nature. In terms of organisation, technology, product research and market, SMEs often represent the innovative spirit of the sector.

The strong and vital production in the area of culture, entertainment, and the full exploitation of the musical and archaeological heritage, typical of Rome, has been increasingly integrated with the new routes of technology and communication and takes on particular value in the 'made in Italy' framework of Next Media."

Stefano Turi, Filas General Manager, emphasised the innovative effects of Next Media: "The project unites three aspects that have been at the centre of Filas' activities on the behalf of the Lazio Region. In the first place, it emphasises innovation and new technologies and, in particular, supports SMEs so that they may utilise these tools. Secondly, it stresses the importance of lifelong learning as a means of personal and enterprise growth, as well as a bridge among the supply and demand of work. Finally, Filas supports the audiovisual sector. These are the reasons for which we backed up Next Media with our technical know-how. Next Media is a precious and necessary initiative as well as a unique one in many regards."

Next Media objectives include financing training activities addressed to a rapid and efficient reinforcement of the competencies necessary to undertake or pursue professional activities in the radio, cinema and television sectors and compare them with other regional realities.

Information on the Next Media Call is available on the Filas portal.

INNODEAL and CLUNET

Filas has embarked on two new European "Europe INNOVA" projects that will allow it to acquire and exchange new knowledge in terms of innovation policy and continue to assist the Lazio Region in programming regional innovation policy.

Projects Innodeal and Clunet are part of a new initiative of DG Enterprise and Industry PRO-INNO Europe, a programme that aims to promote the analysis and development of the best policies in favour of innovation.

In particular, project Innodeal and Clunet, are part of the INNO-Nets area conceived to stimulate transregional cooperation among various national and regional programmes promoting innovation.



INNODEAL Analysis, Diagnosis, Evaluation, Pilot Actions and Learning processes for Joint Innovation Programmes

Project INNODEAL, coordinated by Filas, aims to develop the necessary conditions to promote a systematic exchange of information and good practices on programmes supporting innovation and the development of SMEs and, in particular, the creation of spin-offs and start-ups.

INNODEAL will operate to identify and analyse the common strategic issues in support of innovation and the develop a mutual learning



cycle among regional programme managers to serve as a basis for creating a common ground for cooperation and the implementation of joint programmes of trans-regional innovation activities.

These activities have been conceived as a cycle of actions that will be individually replicable through the IDEA Mutual Learning Cycle. The five phases of this cycle are identification, diagnosis, engineering, pilot actions and monitoring processes. All of these processes take place simultaneously, creating an independent and self-sustainable system that will last beyond the end of the project.

INNODEAL brings together the organisms that are responsible for the management of regional innovation programmes for the transferral and implementation of the solutions identified with the eight participating Innov 4 Strand 2 projects that will exchange the results of their benchmarking analyses and the identified good practices.

In the framework of INNO-DEAL, Filas has also organized a conference on Clusters and Innovation Policies in Enterprises that witnessed the participation of over 150 delegates from various European regions.

Filas will present its most successful tools as regional level best practices in terms of innovation: venture capital operations (that as of November 2005 totalled resources for 14 million euro invested in 26 companies) and the Business Lab.

Project INNODEAL has been officially presented in the 12 European partner regions through conferences and seminars that have involved the main regional innovation policy actors. The main topic of discussion centred on the creation of start ups and spin offs. INNODEAL is presently analysing the quality of regional funds for innovation and utilising benchmarking tools from previous EU experiences such as Gate to Growth and Paxis.

CLUNET Cluster Network

Project CLUNET will adopt common transregional programs on cluster innovation and development policy through the exchange of experiences amongst consortium partners.

The consortium includes sixteen European and North American partners in representation of over sixty-two world level clusters. European partners include the main organisms in charge of innovation.

The project will start with a series of cooperation, learning and networking activities between leading policy and programme managers based on their own experience but also the best practices developed in Paxis and G2G .

The objective of CLUNET is not limited to the simple sharing of policies and cooperation initiatives, but aims to produce a true impact on programmes supporting clusters as well as developing new transnational pilot projects. Moreover, particular attention will be paid to identifying the support policies behind rapidly growing clusters through issues such as SME cluster innovation and incubation.

At present, all the consortium partners are mapping policies and tools dedicated to cluster development.

Memorandum of understanding between Filas and the Media Development Authority of Singapore

Filas, in line with the strategic orientation of the Lazio Region and the European Union, is working to facilitate the participation of Lazio region SMEs in international cooperation projects, often acting as project coordinator. In particular, Filas continues to develop a profitable collaboration with the main Asian countries in order to promote the necessary conditions for the creation of strategic alliances between Asian and Lazio Region SMEs.

On November 29, 2006, Filas and the Media Development Authority of Singapore (MDA) signed a Memorandum of Understanding to provide for both parties to cooperate in the fields of digital technologies and applications, multimedia, cinema production & post-production, animation, photography, music and publishing.

The Memorandum of Understanding provides an operative framework that will promote the creation of coproductions and joint industrial projects between Italy and Singapore in the areas of cinematography, audiovisuals and media. Moreover, the agreement will create new opportunities for the Singapore industry to find partners in Italy and access European Union international funding in the cinema, television and digital and interactive media projects sectors.

Stefano Turi, Director General of FILAS pointed out that, "Rome is a city that has been active in the movie industry since the Cinecittà Studios were built in the 1930s. Today, Lazio, the Rome region, is one of the most active Italian regions in the audiovisual (AV) sector: 2.500 enterprises employ over 54.0000 workers and account for 33% of the Italian audiovisual sector. The signing of this MOU with MDA is another major step in the direction of fostering innovation for the AV sector. It provides a basis for future collaboration amongst countries of the European Union and Asia".



Dr. Chia of MDA declared: "One of the key industry successes we have seen between Singapore and Italy is *The Missing Star* a co-production deal between Italian film companies Cattleya and Rai Cinema, French company Babe, Swiss company Carac Films, Singapore production company Oak3 Films and MDA. In September this year, "The Missing Star" competed for the prestigious Golden Lion at the 63rd Venice International Film Festival and was featured in the Masters programme at the 31st Toronto International Film Festival, which exhibits new works by the world's most established and renowned filmmakers. We hope that the MOU with FILAS will spur more of such successful international partnerships between our companies".

In particular, FILAS is also working closely with Digital Video S.p.A., an Italian animation company, funded by expansion capital through participation in order to support its development programs. Digital Video S.p.A has a local office in Singapore, Digital Animation Asia (DAA), and would like to transfer the IP of their "Tab" software (animation software) from Italy to Singapore. FILAS' participation in Digital Video S.p.A will also fund this R&D project which aims to advance the development of "Tab" to eventually expand from current consumer users to Digital Video S.p.A is also famous for its software "Toonz" for professional animators, which has been used for major animation films such as *Balto* (Universal), *Anastasia* (Fox Animation Studios), *Princess Mononoke*, *Spirited Away* (Studio Ghibli).

The Lazio Region and India sign an agreement on Cinema and Audiovisuals

From Cinecittà to Bollywood, from the Rome Cinema Festival to the Frames Convention of Mumbai: East and West form an alliance on cinema and TV to broaden their industries and contrast the American monopoly.

A memorandum of agreement for the development of the audiovisual industry amongst the two parties was signed on March 26, 2007 in Mumbai by Filas General Manager Stefano Turi and Amit Mitra, the General Secretary of FICCI (The Indian Federation of Commerce Chambers).

The memorandum was signed at the presence of Italian Communications Minister Paolo Gentiloni, the Culture, Entertainment and Sports Councillor of the Lazio Region, Giulia Rodano, the Indian Information Minister Priyaranjan Dasmunsi and Yash Chopra, Chairman FICCI Entertainment Committee.

The bilateral agreement will promote the Italian and Indian audiovisual industries for a period of three years by creating new trade opportunities as well as promoting shared development of advanced technologies for cinema and TV, creation of coproductions, identification of public and private financial resources and co-participation in important events such as the Rome Cinema Festival and the Frames Convention of Mumbai.

This agreement is unprecedented in the entertainment sector. On the one hand, in the last five years, India has become the top movie producer in the world (877 movies only in 2004) and can rely on a daily audience of more than 15 million spectators; on the other hand, the cinematographic tradition of Rome and Lazio continues to represent a third of the total national audiovisual market. The agreement will allow Lazio to expand its trade activities in this sector, which, today, in Lazio, represent 2500 enterprises with 54000 employees. Moreover, international analysts forecast a 70% increase in this market over the next five years. Councillor Giulia Rodano expressed satisfaction: "The Lazio Region bolsters its aspiration to become the main audiovisual communication channel between Asia and Europe. This collaboration agreement, which follows that signed in Singapore and the participation in the



Hong Kong FILMART, ranges from research on new digital technology to content and will be supported by the funds available for international coproductions and the fast reimbursement of VAT for non-EU audiovisual productions. We therefore invite all Indian and Asian producers to the next edition of the television Fiction Festival, promoted by the Lazio Region, that will be held in July 2007 in Rome."

Filas General Manager Stefano Turi added that "the Lazio audiovisual industry is formed by hundreds of SMEs that need to form alliances and act through coproductions in order to expand. This makes India and other Asian countries with a vast and dynamic internal market ideal partners."

The Italian delegation, organized by Confindustria and ANICA together with Filmlitalia, ICE and the Lazio Region, will participate in the Mumbai festival ending on March 28. The programme includes an Italian cultural evening featuring a concert by Nicola Piovani and specific initiatives dedicated to bilateral collaboration with one-to-one business meetings and conferences on the Italian cinematographic industry.

FICCI is a federation that has over 3000 members and 500 associated organisms. It federates about 250 thousand Indian SMEs and has been directly involved in the development of the media and entertainment sectors for many years. Cooperation with FICCI will open up new routes for exchange and dialogue with Bollywood, the global protagonist of the movie industry.

FICCI-Frames is the main global Asian convention dedicated to the entertainment industry. Italy will participate as a partner country in the eighth edition of the event. that will see the participation of no less than 1000 Indian and 500 foreign delegates from 20 different countries.

ENCADRE European Network of Satnav/Space Clusters for Applications Development

In recent decades, a large number of countries around the globe have been developing their space industry. European states, either through their national agencies or as members of the European Space Agency (ESA), play a vital role in developing European space technology and know-how. Now, a new player is emerging on the horizon of this vital sector: the region.

Regions make significant contributions to the development of clusters and competitiveness areas that bring together manufacturers, higher education and scientific research. Moreover, regions play a fundamental role in promoting innovation and transferring technology to bring new life to enterprises and, especially, SMEs. Thus, regions are fully involved at both ends of the space chain: operating from the development of infrastructures to the creation of applications.

We are entering a new era in which the aim is to develop operational systems and understand how to apply them for the benefit of citizens. In this context, the importance of setting up a network for cross-fertilizing satellite navigation and space-based applications across European regions is recognised by both policy-makers and clusters. Regional clusters have been created in these sectors across Europe; however, the extension of a cluster network to a European level would bring significant added value to all the parties involved and provide benefits to regional enterprises operating in these sectors.

Filas, a member of the ENCADRE Network together with many of the most important European regions in terms of aerospace industry, participates in the project promoted by Alex Talacchi of DG Enterprise of the European Commission. The final objective is to create added value from space technology and satellite navigation applications to be used in civilian services and applications.



The ENCADRE network intends to address topics and issues that cannot be dealt with effectively at a purely regional level. This includes accelerating the downstream markets based on space infrastructures, fostering joint businesses and finance opportunities for start-ups and companies in the network clusters and incubators and sharing best practices in order to accelerate the learning curve of the cluster. In particular, the acceleration of the downstream markets aims to create a lead market in Europe through GPS/EGNOS, Galileo and GMES.

Moreover, the network will promote the focusing on the clusters of all initiatives that have been launched at European level (ERA-STAR, NAVOBS+, Synequanet and other initiatives from European space regions) in order to support and maximize their impact on competitive development of technologies and joint research, development and innovation activities between companies.

At present, more than 15 parties from the most important European regions in terms of space technology are presently working on the development of a memorandum of understanding into a cooperation agreement to set the rules for such a European Consortium, whose activities should be coordinated with the Committee of Regions (CoR) initiative on space regions within Europe.

The next meeting of the ENCADRE network will take place on June 4, 2007 within the framework of the ICE Conference.

The Best Ecosystem for Technology Start-ups: the Italian Evidence

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Researchers and policy makers agree on the fact that new tech-based firms (NTBF) play a fundamental role in modern industrialized economies. This is all the more true in Italy. On the one hand, in fact, due to the weakness of the national high-tech industry, there is a great need for a complete generational renovation in the enterprises operating in this sector. On the other hand, the country presents many success stories of new enterprises operating in the medium and low-tech content sectors. Therefore, the question arises concerning the conditions necessary in Italy for the development of top-level firms operating in high tech sectors.

In this context, the analysis produced by the RITA Observatory of the Department of Management Engineering of the Polytechnic of Milan (RITA Report 2005) showed that Italy boasts a vast number of young high-tech enterprises that could be candidates to become “gazelles”. These enterprises are concentrated in the stronger parts of the country, particularly in Lombardy (30.3%) while their presence is far rarer in Southern Italy (15.4%). Moreover, the productive specialization of these enterprises is influenced by the traditional vocations of Italian regions and the presence of large enterprises operating in related sectors. In particular, two thirds of all NTBFs operate in the services sector (software, Internet services, TLC and desktop publishing). In the manufacturing sector, a fundamental role is played by ICT (21.6% of the total, 8% of which in electronic, optical and biomedical tools) and automation and robotics (19%). The share of NTBFs operating in

biotechnologies, pharmaceuticals, chemicals and new materials is more modest (4.9%).

The birth rate of Italian NTBFs underwent a significant increase in the latter half of the nineties. Nonetheless, after the pinnacle reached in 2000, their birth rate is decreasing with the important exception of start-ups generated by the public research system. This is due to the negative effects created by the new economy bubble and, more generally, to the unfavourable macro-economic conditions that have recently affected a vast portion of the high-technology sector. Nonetheless, the enterprises that have survived this period of competitive selection are starting to exhibit a new vivacity, which is particularly visible in the increase of indicators related to innovative activities such as patenting and participating in research projects financed by the European Union.

We believe, however, that in order for the Italian NTBF sector to make a true qualitative step forward, a profound reorganization of the national technology policy is necessary. In Italy, these enterprises have never been actively supported, notwithstanding the fact that many companies have received aid of a horizontal nature to promote various different aspects. This type of support has been for the most part completely inefficient. As a matter of fact, it has probably hindered the search for external venture capital that can play a fundamental role in innovation and development. What is now necessary are focused, vertical operations aimed at NTBF specific needs, prevalently of an indirect nature, on the systematic failures that have blocked the development of a favourable ecosystem that will allow high level companies to develop and prosper.

These operations must face the following priorities: I) attract multi-national high-tech R&D activities to Italy to act as potential incubators for innovative start-ups; II) favour the incubator role of the public research system; III) promote, through fiscal initiatives, the creation of new enterprises by individuals with a high human capital (managers, researchers, technicians); IV) assist the natural tendency of NTBFs to agglomerate in technical districts, without aiming to create new ones; V) consolidate the presence on the territory of a decentralized network of non-profit subjects that act as a bridge promoting successful experiences and promoting their development and imitation; vi)p promote, through fiscal incentives and public co-financing, the creation of a competitive venture capital sector that will efficiently carry out scouting and coaching functions, guaranteeing capital and competencies that NTBFs need during their start-up and expansion phases.

For further details on the RITA Observatory activities and the RITA Report 2005

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Regional Lazio Innovation Scoreboard 2006

Fourth Regional Outlook on the Assessment of Innovation

The fourth edition of the Regional Lazio Innovation Scoreboard (RLIS 2006), the regional outlook on the assessment of innovation, has been published on the site of the Filas Observatory: www.osservatoriofilas.it

The RLIS 2006 introduces three new indicators: intensity of capital accumulation, capability of attracting foreign investments, and development of services for enterprises.

These three indicators have been grouped in a new section entitled "Competitiveness" which will analyse the competitiveness and dynamics of the economy.

The new performance indices substitute other variables from the 2005 edition. The new system includes 23 indicators divided into the following macro-areas: Education, Employment, R&D, Patents, Enterprise innovation, New technology diffusion, Performance, Dynamics, Enterprise quality and Competitiveness.

Moreover, a new section has been dedicated to the territorial dynamics of the Italian geographical macro-areas (Northwest, Northeast, Centre, South, and Islands) highlighting the trends of the past two years.

The Lazio Region exhibits positive performances on seven RLIS indicators. Lazio maintains its first place ranking for Tertiary education, Employment in the high and medium-high technology services sector, Significance of public expense in R&D, ADSL coverage, Technology exports and ICT expenses per employee. Moreover, Lazio now places first, ahead of Lombardy, for the degree of Internet diffusion.

Lazio has also, in the last months, reduced the already small gap with Lombardy and places second as most innovative Italian region with a significant leap forth as opposed to the stagnation evident in the northern region.

However, a series of critical conditions continue to demand thought and action. Lazio places among the last in Italy for Intensity of Capital accumulation and is only fifth in terms of Foreign investment attraction and Venture capital in high-tech enterprises. The quantity of High-tech patents per million inhabitants is just over a fifth of the Lombard figure and Employment in the high and medium-high technology sector is just over a third of the figure for Lombardy and Piedmont. Finally, Internal enterprise innovation remains insufficient and the Private R&D expense has not budged from a value representing 0.5% of the GDP as opposed to Lombardy (0.83%) and Piedmont (1.24%).

Regioni	Istruzione			Occupazione			R&S		Brevetti			
	Laureati S&I 1.1	Istruzione terziaria 1.2	Occupati che partecipano ad attività formative 1.3	Occupazione manifatturiero ad alta e medio - alta tecnologia 2.1	Occupazione dei servizi ad alta e medio alta tecnologia 2.2	Produttività del lavoro nelle PMI 2.3	Incidenza della spesa pubblica in Ricerca e Sviluppo 3.1	Incidenza della spesa privata in Ricerca e Sviluppo 3.2	Brevetti ad alta tecnologia depositati all'UEB 4.1	Imprese innovatrici 5.1	Spesa totale per l'innovazione 5.2	Imprese che hanno introdotto innovazioni di prodotto e/o processo 5.3
Piemonte	8,8	9,6	5,5	12,1	3,6	30,3	0,36	1,24	13,2	33,4	5,3	46,4
Valle d'Aosta	6,4	7,8	4,9	2,5	2,4	28,5	0,09	0,26	24,8	33,4	5,3	46,4
Lombardia	8,0	11,3	6,6	10,7	3,2	37,8	0,38	0,83	20,6	33,8	9,9	49,6
Trentino-Alto Adige	8,0	9,4	8,7	4,1	1,8	34,5	0,44	0,21	4,2	32,3	5,3	40,9
Veneto	8,3	9,1	6,6	11,3	2,6	31,4	0,39	0,32	3,4	32,3	5,3	40,9
Friuli Venezia Giulia	8,7	10,5	8,3	8,9	2,6	31,2	0,64	0,47	4,2	32,3	5,3	40,9
Liguria	11,3	11,7	7,0	5,8	3,1	28,5	0,51	0,60	8,5	33,4	5,3	46,4
Emilia-Romagna	9,3	12,4	7,0	10,6	2,6	32,1	0,50	0,72	4,9	37,8	4,7	43,5
Toscana	8,9	11,4	6,5	6,4	3,3	30,3	0,77	0,37	3,7	31,5	6,3	48,4
Umbria	7,6	12,1	7,2	5,4	3,2	25,2	0,67	0,20	2,1	31,5	6,3	48,4
Marche	7,7	11,0	6,0	7,5	2,2	28,0	0,39	0,29	4,5	31,5	6,3	48,4
Lazio	8,3	13,5	8,0	4,8	5,8	28,8	1,44	0,50	5,8	22,9	6,8	50,7
Abruzzo	7,4	10,9	6,3	7,7	2,8	25,4	0,57	0,51	2,7	22,1	7,8	46,2
Molise	7,2	11,0	6,1	6,9	2,0	20,5	0,34	0,03	0,0	22,1	7,8	46,2
Campania	5,1	9,6	5,5	4,0	2,8	24,0	0,68	0,35	2,1	18,3	4,3	51,3
Puglia	5,6	9,1	4,4	3,4	2,2	23,5	0,44	0,14	1,3	23,9	6,4	53,5
Basilicata	7,8	9,0	4,4	6,5	2,3	22,4	0,32	0,20	6,9	23,9	6,4	53,5
Calabria	6,5	10,1	5,5	1,4	2,6	24,8	0,38	0,02	1,7	23,9	6,4	53,5
Sicilia	5,3	9,5	4,9	2,5	2,1	24,5	0,59	0,17	5,2	17,0	6,6	40,8
Sardegna	7,0	9,3	6,1	2,4	2,2	22,2	0,65	0,06	0,3	17,0	6,6	40,8
ITALIA	7,4	10,7	6,4	7,5	3,1	30,4	0,58	0,54	7,1	30,9	6,9	46,6

20-23 May 2007 > Gothenburg, Sweden

CIP Forum 2007 - Intellectual Property and Entrepreneurship

24-25 May 2007 > Shannon, Ireland

5th IRE Plenary Conference

During the conference, the IRE Award for Best European Innovation Scheme will be handed out for the first time

31 May - 1 June 2007 > Tokyo, Japan

OECD Global Conference on "Enhancing the Role of Small & Medium-Sized Enterprises (SMEs) in Global Value Chains"

4-5 June 2007 > Berlin, Germany

European Charter for Small Enterprises Conference

Organised by the Enterprise and Industry Directorate-General of the European Commission

4-5 June 2007 > Milan, Italy

Knowledge Based Entrepreneurship

Organised by Dynamics of Institution & Markets in Europe (DIME) and Bocconi University

6 June 2007 > Brussels, Belgium

FinNetSME Network Final Conference: Financing enterprise growth in the regions of the EU - models and recommendations

7-9 June 2007 > Paris, France

3rd European Research and Innovation Exhibition

13-15 June 2007 > Bilbao, Spain

ANIS+ Annual Conference

13-15 June 2007 > Turku, Finland

CSB (International Council for Small Business) 2007 World Conference

17-20 June 2007 > Stavanger, Norway

10th International Conference on Technology Policy and Innovation

18-19 June 2007 > Geneva, Switzerland

International Conference on: "Reducing Barriers to Entrepreneurship and Encouraging Enterprise Development: Policy Options"

Organised by the United Nations Economic Commission for Europe - UNECE

19-22 June 2007 > Singapore

Broadcast Asia

2-4 July 2007 > Barcelona, Spain

ASP World Conference on Science & Technology Parks

Organized by IASP (International Association of Science Parks)

Filas

Filas' mission is based on research and development and the management of tools related to innovation and new technologies in order to boost the competitiveness of the Regione Lazio both in terms of regional product growth and external investment incentivitation.

As the reference agency for the European Union's Sixth Framework Programme for Research and Development (6PQ), the five-year plan of the European Union for research and development, Filas promotes project proposals and initiatives with the aim of developing new models of international cooperation capable of promoting high-level partnerships between Universities, Research Centres and Industry and improve SME access to advanced and innovative technological know-how.

In this context, and in line with the strategic orientation of the Regione Lazio and the European Union, Filas participates in the initiatives of the European Commission to improve the development of regional policy (Single Programming Document Structural Funds, Interreg, Innov4, Innovative Actions, etc.) and help Lazio region SMEs participate in cross-border, trans-national and interregional projects. All Filas project proposals have the common objective of promoting European competitiveness globally.

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