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Sophia Antipolis Science & Technology Park

« *THE CITY OF SCIENCES AND WISDOM* »



Sophia Antipolis S&T Park



1st Science & Technology Park in Europe

More than 30 000 Sophilopolitans

1400 entities: Large enterprises, startups
public/private research centres...

€ 5.8 Billion turnover generated by the High Tech sector in the “Alpes Maritimes” Department of which € 3.5 Billion for Sophia Antipolis

Tourism sector: € 5 billion

Key historical steps



Pierre LAFFITTE
Founder



1960 The concept
« The latin quarter in the countryside »



1969
Sophia Antipolis creation



1974 First Company
(ARLAB FRANLAB)



1976 First Research Lab
(CNRS)



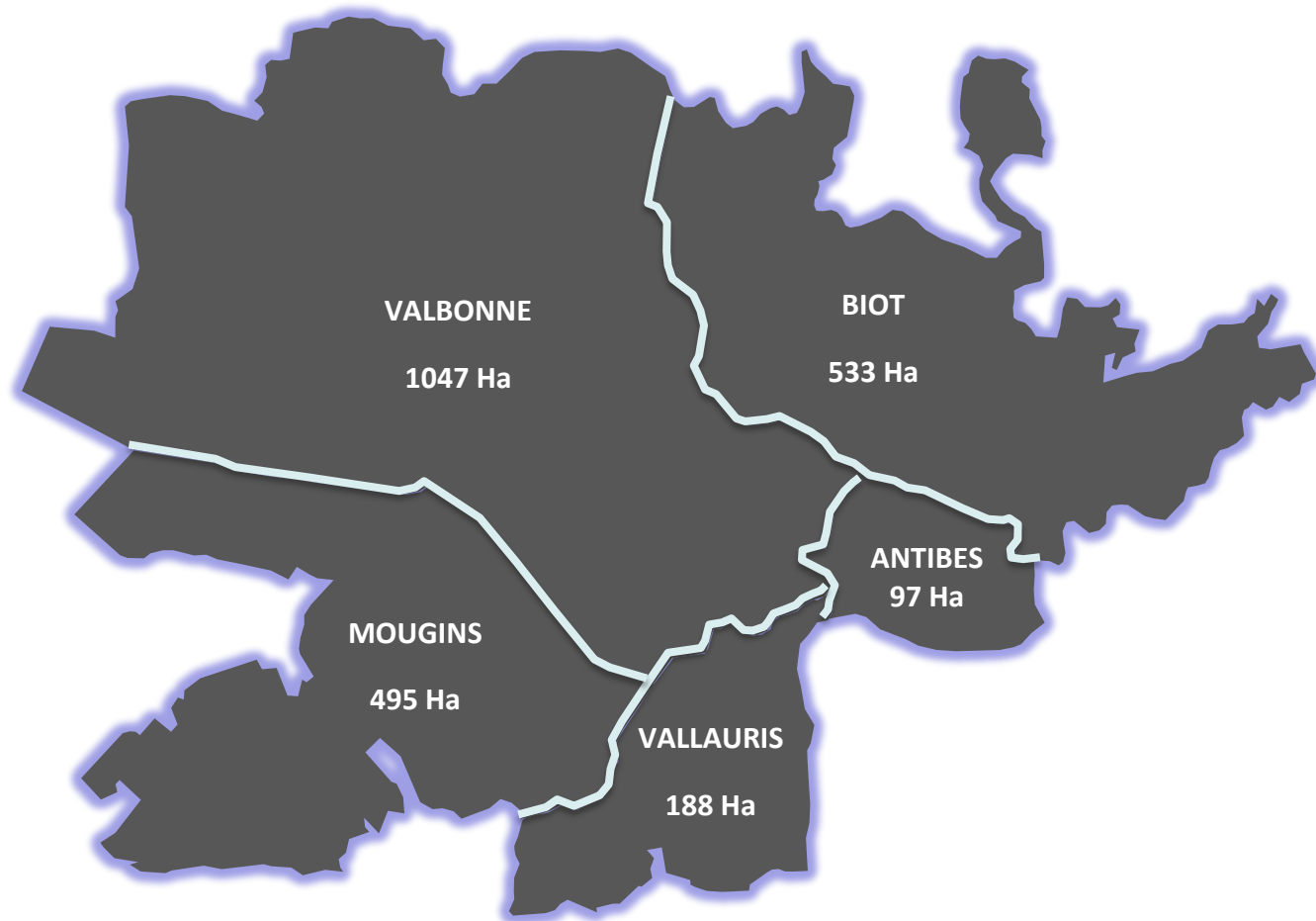
1976 First Higher Education
(Ecole des Mines de Paris)

Rapid growth in the 80's and 90's



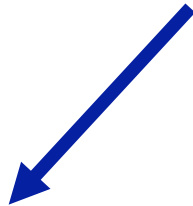
Sophia Antipolis nowadays

Sophia Antipolis Science & Technology Park is located on a territory of **2 400 hectares** (5 750 acres) , which belongs to **5 cities**.



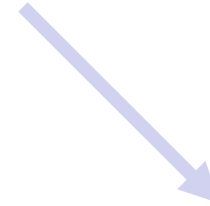
A brand which drives ambition

SOPHIA



Wisdom

ANTIPOLIS



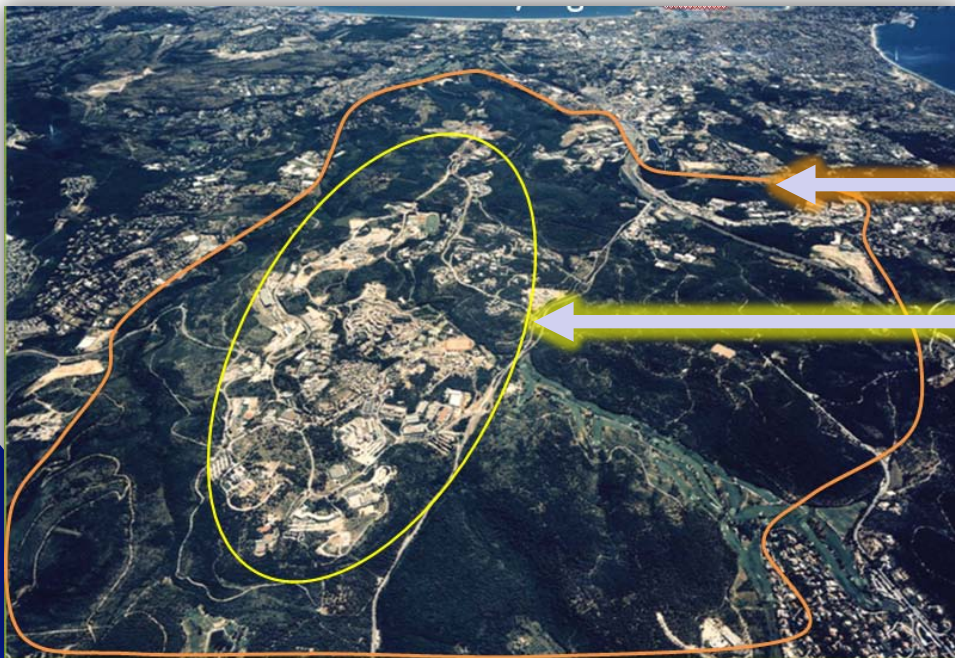
Greek name of Antibes, a major trading post on the Mediterranean sea

GOLDEN RULES

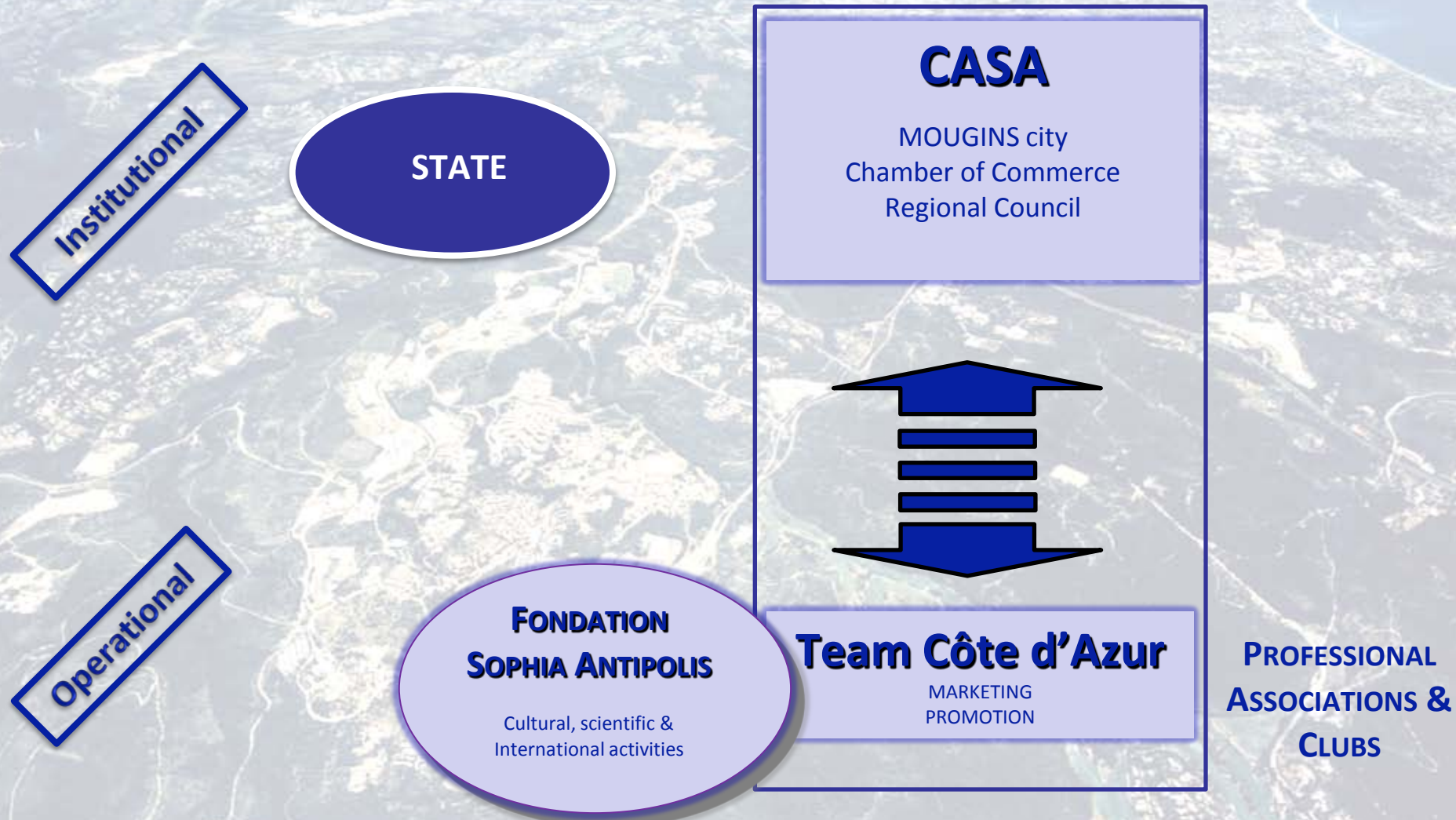
2/3 of nature and green spaces

1/3 of business premises

No building can exceed 3 floors



Sophia Antipolis Management



Buildings & Amenities

- 1 900 000 m² built upon completion
- 180 000 m² housing programs
- 1 100 000 m² occupied by corporations
- 600 000 m² of which are rented in commercial real estate programs
- 15 000 projected m² of speculative office buildings
- 8 700 m² of proximity shops
- 2 200 housing units to date
- 9 Hotels
- 10 students' residences
- 1 new media library

SCHOOLS

- International Secondary School (C.I.V.) 2 Secondary education Colleges
- 4 Primary and Elementary Schools

SPORT FACILITIES

- Golf courses : 3x18 holes and 2x9 holes
- 30 tennis courts / 2 gymnasiums / 1 stadium/ 1 swimming pool
- 1 fitness centre



Some pictures



Key Figures and sectors

1 400 entities and more than 30 000 jobs

(On average, 900 jobs / year created during the last decade)

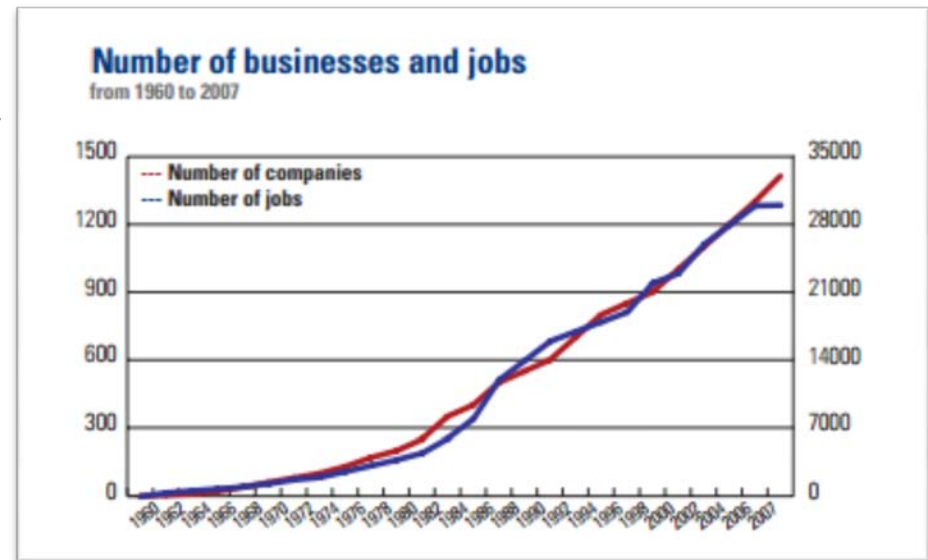
148 companies with foreign capital

(that represent 11% of businesses and 25% of jobs)

70 nationalities

4 000 researchers in the public sector

5 000 students



71%

Information technologies

Electronics/ Software development/
Telecom / Networks / Multimedia/ E-
commerce / Internet

Life sciences and fine chemistry

Pharmacy/ Dermatology/
Biotechnology/
Medical imaging

10%

4%

Environment and energy saving

From solar energy to new materials

Education and training

From elementary schools to
engineering studies

15%

THALES
UNDERWATER SYSTEMS

amADEUS
Your technology partner

SAP



Bayer CropScience



Inria
INVENTEURS DU MONDE NUMÉRIQUE



Inserm



CHANEL



Alcatel-Lucent



CSTB
le futur en construction



SIEMENS

W3C



skema
BUSINESS SCHOOL



accenture
High performance. Delivered.

Public incentives supporting R&D activities

Incentives for Innovation and R&D	The Research Tax Credit (CIR)	The biggest in Europe : 30% of the annual R&D expenditure.
	The status for Young Innovative Enterprise	Tax Relief (Full tax exemption for the first 3 profitable fiscal years), exemption from employers' contributions
	Development and innovation grants (awarded by OSEO Innovation)	Interest-free loan, can be used to finance up to 50% of the budget of an innovative project.
	Regional Loan for Innovation Creation (awarded by the PACA Region)	Interest-free loan (Capped at 150 000 €) on expenses linked to an innovation project.
	Opportunities for companies in competitiveness clusters	R&D Grants (1.8 Billion € of public grants since 2005), Exemption from tax and social security contribution (Income tax for 36 months, property tax during 5 years...)
Recruitment incentives	Employment development contract (awarded by the PACA Region)	Interest-free loan, Grant of 50% of staff training expenses, Sustainable development grants
Setup incentives for R&D centres	Regional development subsidy for Research, Development and Innovation	Subsidy of 15 000 € for the creation of a job devoted to a R&D programme.
Setup of Industrial activities	The FDPME (Small Business Development Fund) (awarded by the PACA region)	Subsidy of 7.5% or 15% of investment materials And new immaterial entailing real technological progress for the company.
	The Regional Loan for Business Creation (awarded by the Chamber of Commerce and Industry of Nice Côte d'Azur)	Interest-free loan, of between 15 000 and 75 000 €.



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Fondation Sophia Antipolis

International Action
Innovation Policy
Scientific and Technical Culture
Communication



Fondation Sophia Antipolis

Created and declared a **public utility in 1984**, chaired by **Senator Pierre Laffitte**.

The Fondation Sophia Antipolis has a role of **reflection, coordination, impulse, anticipation** which is well beyond simply putting in touch the actors **to create the links and the synergy necessary for supporting the innovation process**



Since 2006, it became a **Sheltering Research Foundation**:

Mobilising capital deprived to finance of the R&D, mutual financial means and skills, to increase partnerships public and private, and to strengthen the reliable relation between Sciences and Societies.

- Since June 2008, the Foundation arbitrates the CIGREF Foundation

Its new statuses authorize it to benefit the French and foreign research teams for the sponsorship law **66 % of tax exemption for the donors**

Local support to innovative SME's



Sophia Café, a series of breakfast gathering the world of business and professionals shareholders around topical themes.

Some themes

- Japanese clusters and mechanisms of support to help SME's with JETRO
- INPI policy and industrial property, the new reform of the DIF, ITER ...



Networking session: Researchers, entrepreneurs, students, project managers or simply people with ideas, private investors, potential investors, participate to this event to discuss, inform and create a network.

Training activities for employees, entrepreneurs, HR/Marketing managers

Some themes

- WEB 2.0 for startups
- Communication
- Access to European funding, etc...



"Matinale des Pôles", is an initiative to promote French clusters to potential members as SME's, Research organizations by presenting the benefit to be members.



Partnerships with:



Events Organiser

Since 2005, organisation of the **International Competitiveness Cluster Forum**



Other events recently organised:





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International Actions

The networks

The cooperation agreements

The projects & studies

Foreign delegations





I.A.S.P. (International Association of Science Parks) Pierre Laffitte is the founder (1984) of this association



RETIS French Network of Science Park



PACA INNOVATION A Network of Professionals to foster the creation and development of Innovative Companies



E.E.N. (Europe Enterprise Network) Affiliate Member in 2009. EEN is the largest network of contact points providing information and advice to EU companies



AFAST (French-German Association for Science and Technology) Observatory for French-German relations concerning Science and Technology

The cooperation agreements

The international activities notably becomes a reality by **partnership agreements** intended to tighten the relations between active members of the Park and their foreign counterparts.



More than **40 Memorandums of Understanding** signed all over the world

With **Science Parks, Agencies and Ministries**

Cooperation on **Networking activities, Clusters, European projects, etc.**



European Cluster Observatory: A virtual platform offering services and information on and for clusters



Pooling4clusters: Exchange of good practices concerning services developed by cluster initiative and/or agencies



VENIS: It aims at providing a new level of interoperability between Large and Small Enterprises



Med-Ked: It aims at promoting and supporting the development of Knowledge Based Entrepreneurship (KBE)

Foreign delegations and transfer of experiences



Around **50 Foreign delegations** welcomed yearly



Transfer of Sophia Antipolis experience and knowledge in Science Park Management to several countries through technical assistance, survey, study visit, etc.



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Innovation Policy

The French competitiveness policy
The Regional Cluster Policy
Our projects towards Clusters





The French Competitiveness Cluster Policy

Approach

In response to the changes in the global economy, France has launched a wide-ranging industrial strategy focusing on the key factors of industrial competitiveness, particularly R&D-led innovation.

A “Pôle de compétitivité” could be defined as a hub that combines in a given geographical area, companies, training centers and public or private research units.

Milestones

July 2007

- On July 2007, the 5th CIADT labelled new “pôle de compétitivité” bringing to the total of 71. Of this total, there are 7 global competitiveness hubs and 10 globally-oriented.

June 2008

- Evaluation of the cluster policy carried out by the Boston Consulting group and CM International at MINEFE’s initiative.
- Promising enough so that the device is maintained in its big principles
- 39 poles (among which are those that started Sophia Antipolis) that have completely reached the objectives of the competitiveness policy.

January 2009

- New policy launched for 2009-2011
- Strengthen the clusters governance
- Finance structuring projects (innovative platforms)
- Development of an ecosystem of growth

Key Figures & Outcomes

- 13 calls for project, 71 pôles
- 886 projects** labeled
- Representing an amount of R&D by almost 4.3 billion €, public funding around 1.6 billion €, with more than 1 billion € by the State
- 5 000 companies, 80 % are SME’s - 650 639 Employees, that is 2.9% of the French Labor force
- 23 000 Researchers involved

The « Pôles de compétitivité » per sectors

Agrofood	ICT	Health / Biotech	Aeronautic	Other
Industries & Agro-Ressources Agrimp Innovation Végépolys Céréales Vallée Aquimer Q@LI-MEDiterranée Qualitropic Pôle européen d'innovation fruits et légumes Valorial VITAGORA 11	MINALOGIC (worldwide) SCS (worldwide) SYSTEM@TIC (worldwide) Cap Digital Images & Réseaux ELOPSYS Optitec Imaginove Microtechniques Route des lasers S²E² TES 12	LYONBIOPOLE (worldwide) Medicen Paris Région (worldwide) Alsace Biovalley Atlantic Biotherapies Nutrition Santé Longévité Eurobiomed Pôle Cancer-Bio-Santé Prod'Innov 8	Aerospace Valley (Worldwide) Pegase ASTech 3	Finance Innovation (Worldwide) i-Trans Arve Industries Céramique Cosmetic Valley EMC2 PASS Fibres Grand'Est Filière équine Industries du commerce Lyon Urban Truck&Bus 2015 Nov@log MAUD Materalia PLASTIPOLIS Pôle Enfant TECHTERA UP-TEX VIAMECA 20
Environment & new energies	Automotive	Construction	Eco-technology	
AXELERA Pôle Mer Bretagne Pôle Mer PACA CAPENERGIES DERBI Risks Pôle nucléaire Bourgogne TENERRDIS TRIMATEC 9	MOV'EO Automobile haut de gamme Véhicule du futur MTA 4	Elastopôle Xylofutur Advancity 3	WATER Gestion des eaux continentales DREAM AVENIA TEAM² ENERGIVIE 6	

The Regional policy for economic development

PRIDES - Regional Poles of Innovation and United Economic Development



Key Figures

The Provence Alpes Côte d'Azur Region has launched the **PRIDES Policy in 2006** with the objectives to:

- Establish coherent economic networks and structured at the level of the region
- Create synergies companies (SMEs) that are in the same sector

Key sectors: ICT, social and the environment, the international development, employees training



These **29 PRIDES** have been selected through a call for proposal.

These Regional clusters gather today **3600 members** of which:

- 3000 companies
- the other members are laboratories, associations, training organizations
- 170 000 jobs (17% of the total regional employment except public administrations)

Financial support provided by the Region since 2006

- 7M€ for communication, support to project management, etc.
- 4.2M€ for collective actions as missions abroad
- 3.1M€ for collaborative R&D projects
- 7.8M€ to contribute to the Inter ministerial Fund
- 12 M€ for free interest loans dedicated to companies

Our projects towards Clusters



direction générale de la compétitivité
de l'industrie et des services

Support for the intensification of the international action of the French clusters

Objective : grant poles, their partners and their projects, action and international network of the FSA

Activity : Organisation of meetings, working seminars, conferences, missions abroad
Ex. China, Israel, Brazil, Russia, India, Turkey

Call for project " international technological Partnership of the SME's - join to win in competitiveness "

Consortium : Fondation Sophia Antipolis, Capenergies, DERBI

Objective : Accompany 12 innovative SMEs members of clusters to participate in EU funded programmes

- Organization of the International Cluster Forum:

8th Edition November 22-23, 2012 "International, Cluster and Enterprises"

- Participation to EU funded projects on clusters





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Scientific & Technical Culture

Apply cross fertilization concept
Spread Science & innovation
Communication Tools



Apply the « cross fertilisation » concept



The FSA organises and/or supports:

- Improvisation Workshops
- Philo Sophia Circle
- Sophia Poetry
- Concerts de Midi – Music Festival
- The Gardening Festival in Sophia Antipolis



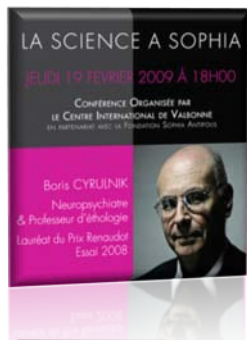
Other active Business Clubs & Associations

- Club des dirigeants
- Sophia Business Angels
- Telecom Valley
- Sophia Biotech
- Sophia Nordic Link



Spread Science & Culture

The **“Science in Sophia”** initiative is a cycle of conferences held by scientists who are members of either the Academy of science, or the academy of Technology, or the Academy of Medicine. These public lectures target a very large audience.



“The brain explained”

Michel LAZDUNSKI



“Energy: the great challenge of the 21st Century”

Marc FONTECAVE

“Energy 2050: choices and pitfalls”

Bernard TISSOT

Communication Tools

The Fondation Sophia Antipolis supports the communication of **large regional, national and international events** to promote the Park, collaborates with different media sources and has created various **websites**:

The official website for the science park
www.sophia-antipolis.org

A website dedicated to French clusters
www.sophia-antipolis.org/poles2competitivite

The Newsletter “**Sophia Antipolis News**” published in French and English, **4000 copies printed** and also sent via email to more than **7 000 persons**





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