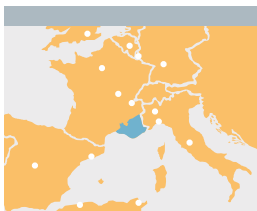


SCS Cluster

Secured Communicating Solutions

WORLD-CLASS CLUSTER



Named as a world competitiveness cluster in July 2005, and as a Regional cluster for innovation and mutually supportive economic development (PRIDES), the Secured Communicating Solutions cluster brings together the main players in microelectronics, software, telecommunications, multimedia, services and uses of Information and Communication Technologies in the Provence-Alpes-Côte d'Azur region.

The aim of the cluster is to promote the development of innovative cooperative projects between all the players involved (researchers, industries and training organisations with the support of local communities) in order to design and develop new solutions which incorporate components, software, networks and systems to exchange and process information in a secure, reliable manner.

KEY FIGURES FOR THE SECTOR

- **41,000** jobs in the Information and Communication Technologies
- **30** major worldwide groups
- **18** research and training structures of world renown
- **2** national reference centres: RFID center (in Rousset) and Innovation Center for Health Usage (in Nice)

EXCEPTIONAL ADVANTAGES

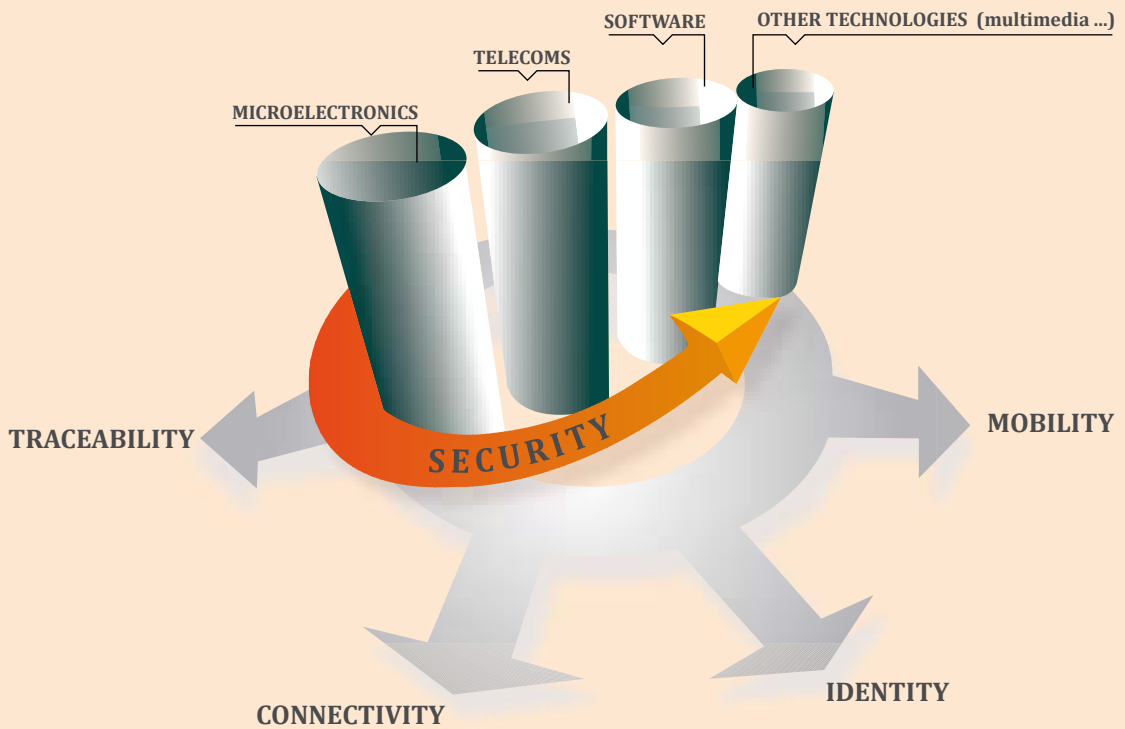
- One of the only regions in Europe with a **critical mass of skills in microelectronics, telecommunications, software and multimedia** based around the **Mobile Valley** in Marseille and a technical park dedicated to TIC - **Sophia-Antipolis**.
- Provence-Alpes-Côte d'Azur is **the leading region for the production of semi-conductors in France** accounting for around 40% of national production.
- Worldwide innovation capacity and expertise in rapidly growing markets and in particular a **pioneering region in contactless technologies**: chip cards, electronic labels, passports.
- The presence in Provence-Alpes-Côte d'Azur of **standardisation bodies** which are fundamental for the European telecommunication standards 3G and Internet: ETSI and W3C Europe.
- Combined **test platforms centres on usage** (health, tourism, natural risks, wireless communication, etc.) intended for professional in the sector.

AIMS OF THE CLUSTER

- To develop competitive R&D projects.
- To contribute to the development of SMES.
- To contribute to the creation of an appropriate ecosystem for the overall regional development of TIC.

THE CLUSTER'S AXES OF EXCELLENCE

The SCS cluster is working on cooperative projects operating in strong growth markets: mobile communication, health, tourism, security, through the following key technologies: mobile internet, chip cards, electronic labels, satellite positioning ...

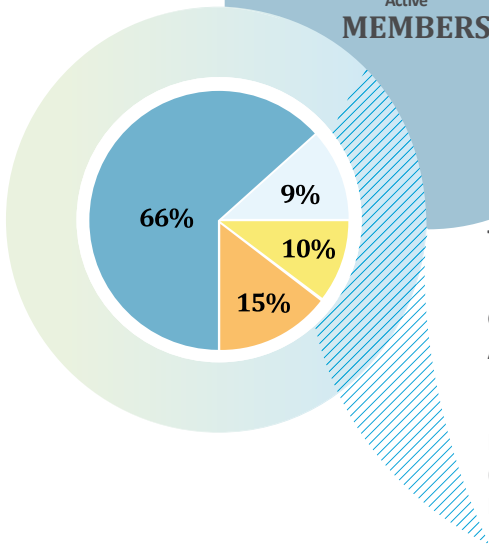


278 PROJECTS LABELLED IN 2010. TOTAL R&D EXPENDITURE: 851 M€

TOTAL AMOUNT OF SUBSIDIES ALLOCATED TO PROJECTS: 144 M€



• THE SCS CLUSTER HAS
202
 Active MEMBERS



The members of the cluster include:

- **25 large international groups including** : Amadeus, Atmel, France Telecom R&D, Gemalto, HP, IBM, ST-Ericsson, SAP, ST Microelectronics, Texas Instruments, Thales Alenia Space, Extelia, etc.
- **Universities** of Provence Aix-Marseille, University of Nice-Sophia Antipolis, CNRS (Centre National de la Recherche Scientifique) de Marseille and Sophia Antipolis, Institut EURECOM (Ecole d'ingénieurs et centre de recherche en systèmes de communications) of Sophia Antipolis, INRIA (Institut National de la Recherche en Informatique et en Automatique) of Sophia Antipolis.

PARTNERSHIP WITH

- networks of professional associations: Arcsis, Telecom Valley, MedMultimed, Baby Smart, Medinsoft, SAME, etc
- other regional competitiveness clusters: Pôle Mer, Capenergies, Optitec, Pégase, Risques and the other 4 French clusters specialising in TIC: Cap Digital, Images et réseaux, Minalogic, Systematic.

INTERNATIONAL STRATEGY

The SCS cluster implements and international strategy based on two main lines:

- Inter-cluster relations: Torino Wireless, MIT Boston, MATIMOP (Israel) and El Gazala (Tunisia)
- Support for SMEs to structure their international development plans and at occasional events in cooperation with the regional innovation network.

It is notably included in the following exhibitions:

MWC (Barcelona, Spain), **Salon Cartes** (Paris, France), **CeBIT** (Munich, Germany).

EXAMPLES OF INNOVATIVE PROJECTS

A list of all the projects within the cluster is available on www.pole-scs.org/projets_pole_scs.fr.htm



MaXXSSIMM project: development of multimedia services for mobile telephones This project combines technology and innovation and allows for the integration in SIM cards of secure processing capacities and information storage, which could create new perspectives for applications and services.

Consortium : Gemalto (leader), Orange, ST-Ericsson, STMicroelectronics, Toppan Photomasks, Myriad, Sagem Wireless, Cityvox, Trusted Logic, Voxinzebox.



MISTRALS project: optimising the traceability of biological samples Traceability systems guarantee the integrity of certain processes for the preparation and preservation of bodily samples intended to supply the 1,500 European biobanks notably within centres to combat cancer.

Consortium : STMicroelectronics (leader), IBM, Psion Teklogix, Smart Packaging Solutions, Tagsys, Institut Paoli Calmette (Marseille), Nice University hospital, Ecole des Mines of St Etienne - micro-electronics centre of Provence.



SMARTIMMO project: an infrastructure available to everyone to enhance the efficiency of tertiary buildings The SmartImmo project aims to provide tertiary buildings with an infrastructure (connectivity and building reference system) on the basis of which new building automation services can easily be developed (computerised management of building functions in the tertiary sector) taking the context into account: location, occupation, time, range of building events, etc.

Consortium : Orange Labs (leader), ARD, Hager, Keeneo, Newsteo, Trusted Logic, Vizelia, Valbonne Sophia-Antipolis local authority, CSTB, INRIA.

CONTACT

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