SPM2017

Solutions Communicantes Sécurisées

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International Affairs Director

web
spm.mesap.it

#spm2017
@mesapcluster

6th, 7th July 2017
Team-up for innovation

Progetto co-finanziato sul bando I1b12_cluster

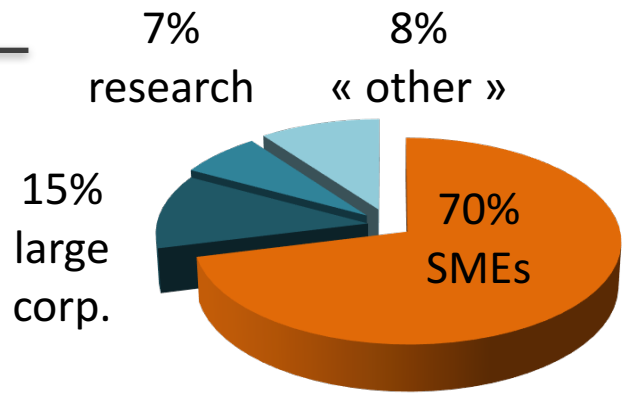
REGIONE PIEMONTE

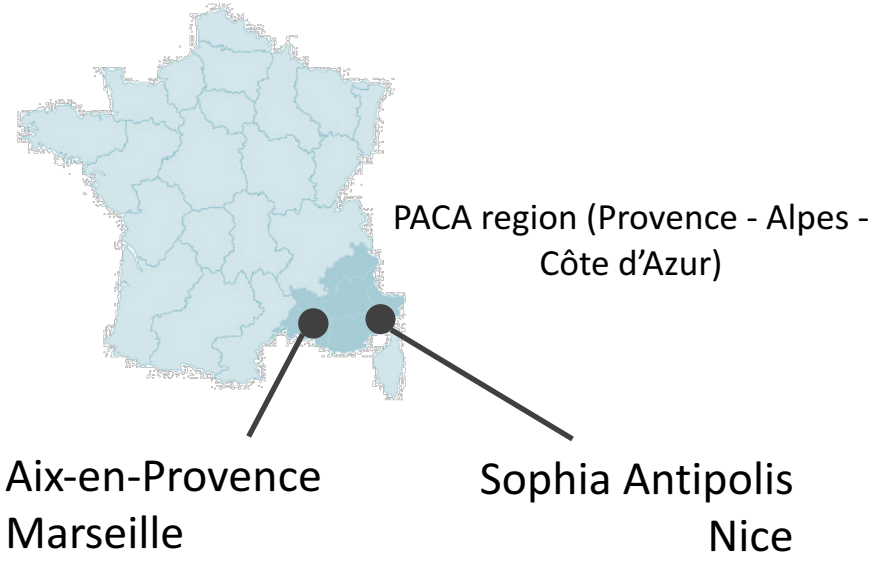
mesap

Secured Communicating Solution (SCS) cluster

MESAP annual convention, 6 July 2017, Turin

An ICT cluster with 300 members





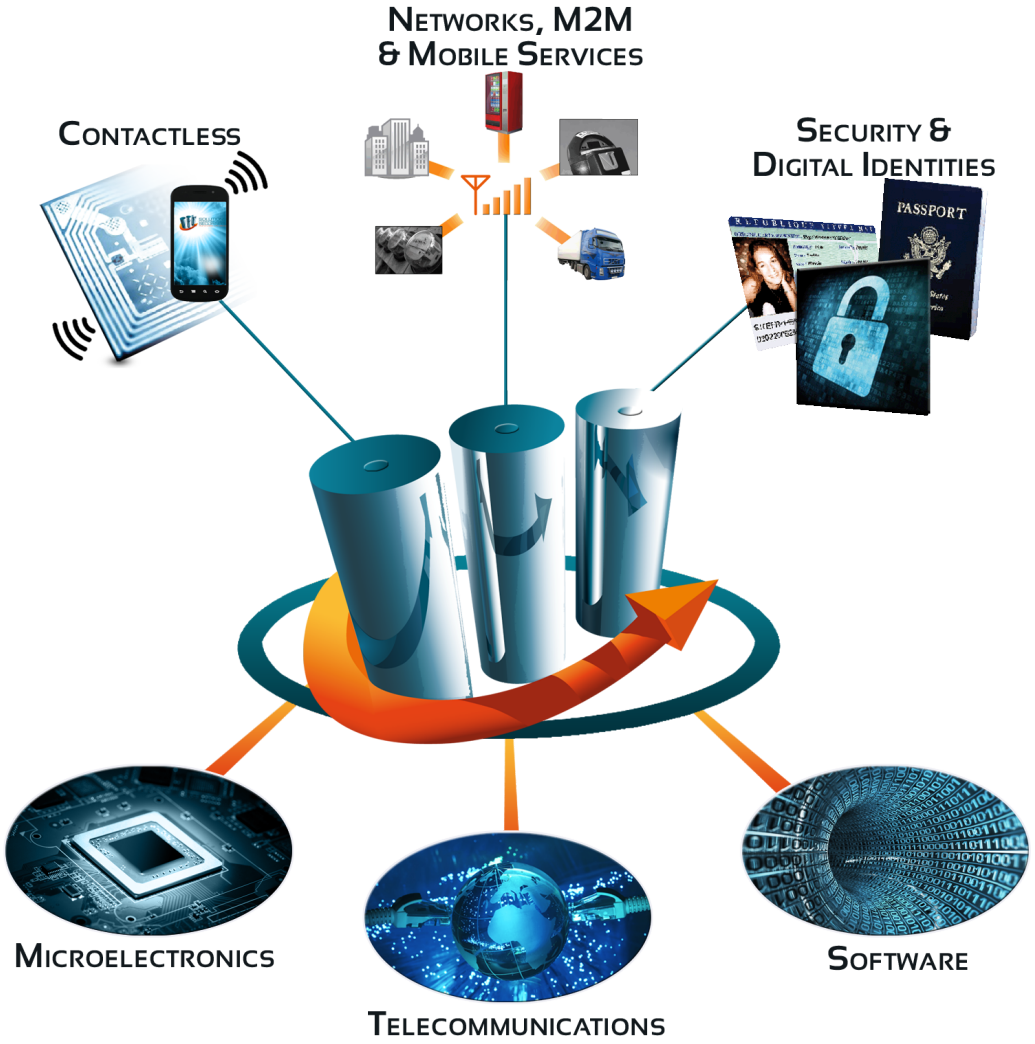
Missions

- Develop and certify innovative and competitive **R&D projects**

- Contribute to the development of **SMEs**

- Help to create an ecosystem suited to the regional development of **ICT**

3 Smart Specialisation Areas



3 smart specialisation technology areas

Contactless
RFID – NFC - HCE

Networks
4/5G - M2M/IoT - Mobile

Security & Digital Identities
Cryptography

Strengths in value chain

IP, semiconductors, test & measurement

Contactless objects & readers

Communicating modules
Sensors, smart objects

Smart cards & terminals
Trusted / connected objects

Embedded and application software

Security software

Trusted service management

Cloud infrastructure & services

Mobile apps
Operators/MVNOs

Figures

- 147 actors
- 250M€ R&D
- >130 patents
- 16% market share

- 162 actors
- 170M€ R&D
- 136 patents
- 7% market share

- 146 actors
- 340M€ R&D
- >250 patents
- 20% market share

High growth markets

Telecom

Security

Industry

Energy & environment

Health

Smart homes & buildings

Smart cities

Retail

Mobility & logistics

Banking

E-Government

Services

Boosting innovation

R&D projects

Workshops

R&D platforms

Education & employment

Fund raising

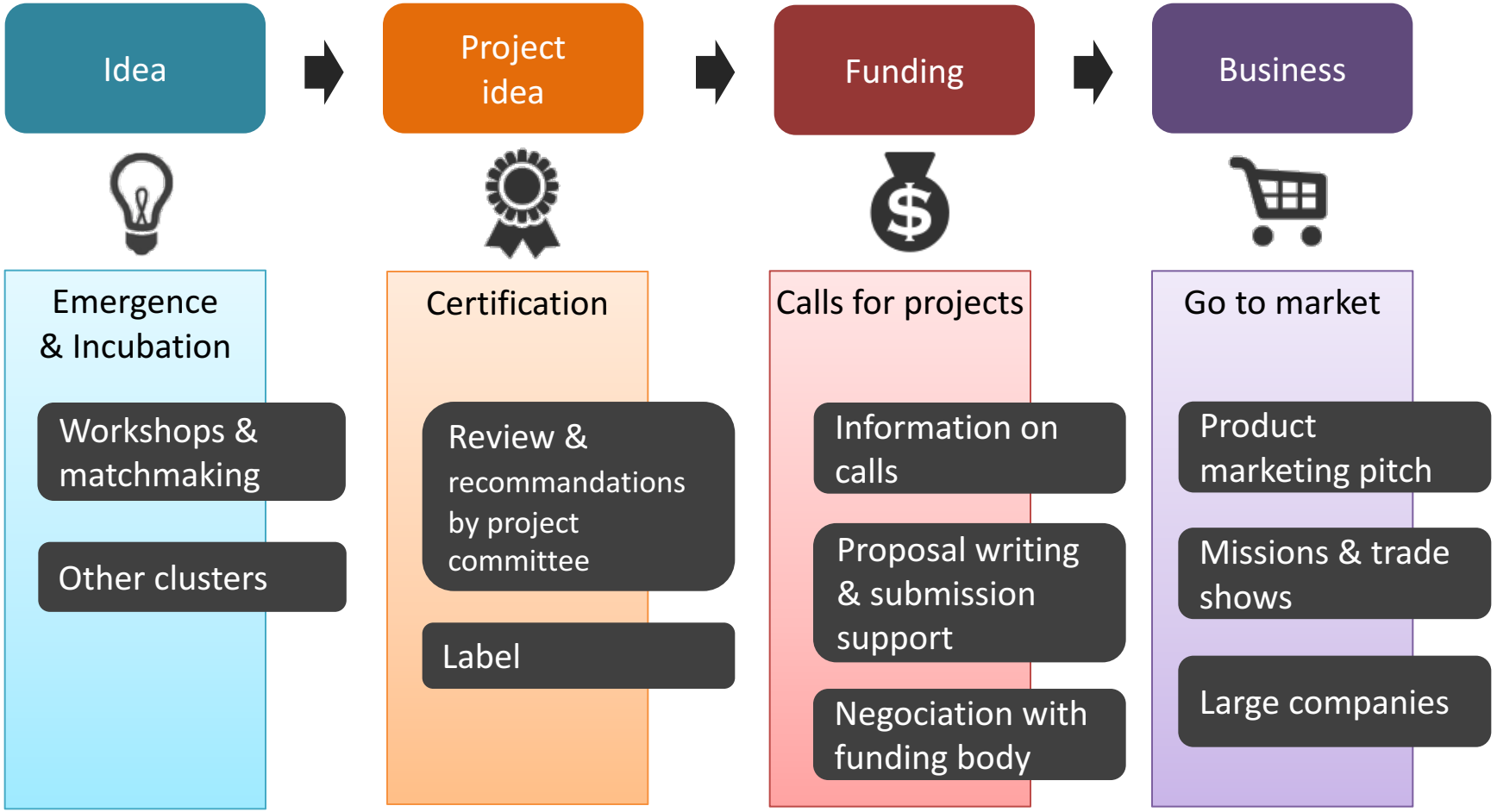
News & economic intelligence

Growth & development

Business networking & international fairs

Boosting SMEs

R&D projects: from the idea to the market



Workshops

IoT	Big Data	Application markets
• IoT & Security • Use cases • Smart industry	• Security • Analytics • Use cases	• E-health • Retail • Transports • Smart industry • Defence • Energy

Figures

R&D projects & investments

500 certified
230 funded
1 Md€ invested
500 M€ subsidies

SMEs

in more than 78% projects
more than 70M€ grants
200 members of SCS

Innovation ecosystem

60 000 jobs in the ICT field

N°1 in:

- Secured Microcontrollers,
- Secured Embedded Memories
- Smartcards & secured objects
- RFID & NFC
- Wireless/mobile chips design
- Largest volume of chips production

International activities

- Partnerships with several ICT and application market clusters
- Partnership with large corporates (matchmaking with SMEs)
- Member of Silicon Europe Alliance, ICT4Future, AIOTI
- Positioning on EU calls (H2020, Eureka)
- International missions and fairs (MWC, CES, TRUSTECH, Hannover Messe, SEMICON)
- ESCA Gold Label since July 2013, renewed in July 2016

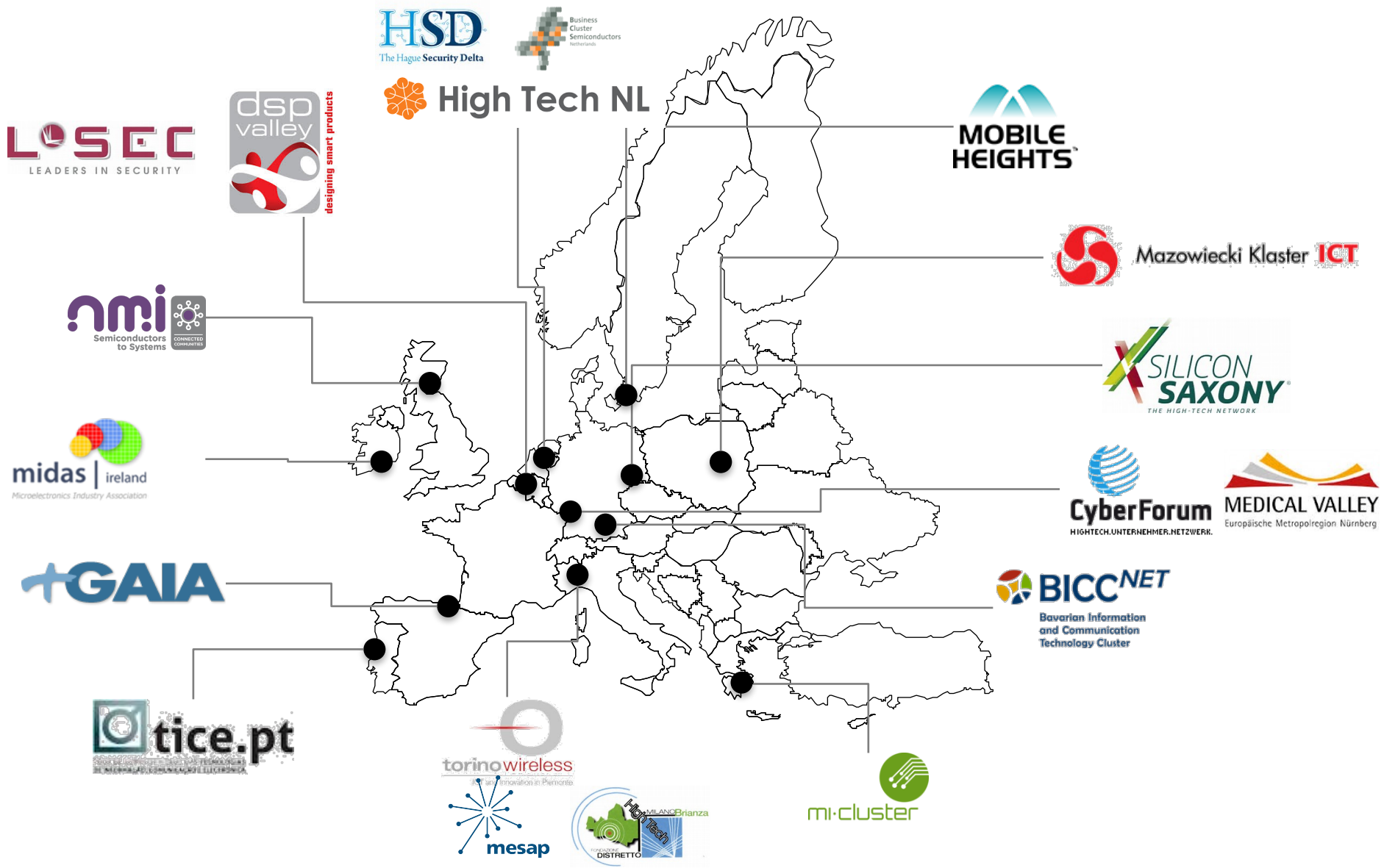
SILICON EUROPE
THE LEADERS FOR INNOVATIVE ELECTRONICS

European Commission

BUSINESSFRANCE

GOLD Cluster Management Excellence
PROVEN FOR CLUSTER EXCELLENCE

Cluster partnerships



Corporates partnerships

Giesecke & Devrient

Success stories

RFID AERO
(one of the 200 funded R&D projects)

Project Leader
Airbus Helicopters
Enterprises Partners
Amesys, Apsys, Cybernétix, Turbomeca, Oxytronic, One RF, STid, STMicroelectronics
Research Labs Partners
Ecole des Mines de St Etienne
L2MP (French National Research Centre), CEA-LETI

This project aims to integrate new RFID systems to optimise component maintenance and monitoring for civil helicopters and planes.

Objectives: to develop tags that can

- Withstand extreme conditions: temperatures, heterogeneous environments
- Improve their performance: working distances, etc.

Budget: 5 M€ over 36 months – project finalized and deployed within Airbus Helicopters

Our presence on MWC
(to help SMEs go international)

- Presence since 2007 in Hall 5 with Business France
- 12-15 SMEs on SCS pavillion each year
- We fund 50% of spendings for SMEs
- More than 500 contacts generated each year
- 5-10 contracts signed

GSMA MOBILE WORLD CONGRESS — THE EDGE OF INNOVATION

- See you in 2017!

Partnership with Telecom Italia

(SMEs development and internationalisation)

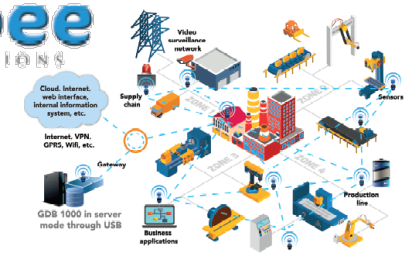
- 67 000 employees, 22 md€
- Partnership signed in 2011
- Objectives:
  - Scouting and matchmaking with innovative SMEs
  - For PoC, commercial agreement
- 5 meeting rounds since 2013
  - 50+ companies incl.
  - 40 SMEs
  - More than 5 projects developed
- Topics:
  - Contactless
  - M2M
  - Big Data
  - Smart cities
  - Digital Identities
- Coordination with other clusters in France and abroad to scout SMEs

What can we do with you?

Introducing our 50 + innovative compagnies in smart manufacturing

LEAN. CONNECTED. by EOLTAG

Gridbee COMMUNICATIONS



newsteo

STid
Electronic Identification

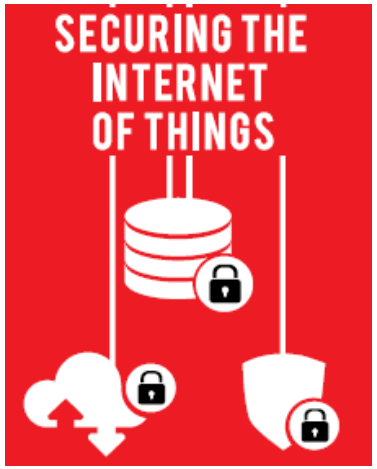
Green CITYZEN
Connect the environment

TRUSTED OBJECTS

mios
M2M Technologies

ARCLAN
Video surveillance | Alert | Access control

WISeKey IoT
SECURING THE INTERNET OF THINGS



Activeeon
SCALE BEYOND LIMITS

data2i
data2i.fr
Discover our plateform for **automatic anomaly detection** in massive sensor data

WARP 10
DATA ANALYTICS & ARTIFICIAL INTELLIGENCE FOR REAL TIME DATA

European R&D and other projects

alcotra

Interreg
Alpine Space

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