SPM2017

Minalogic

Isabelle Guillaume
CEO

Minalogic : Introduction
Mesap event
July 6, 2017

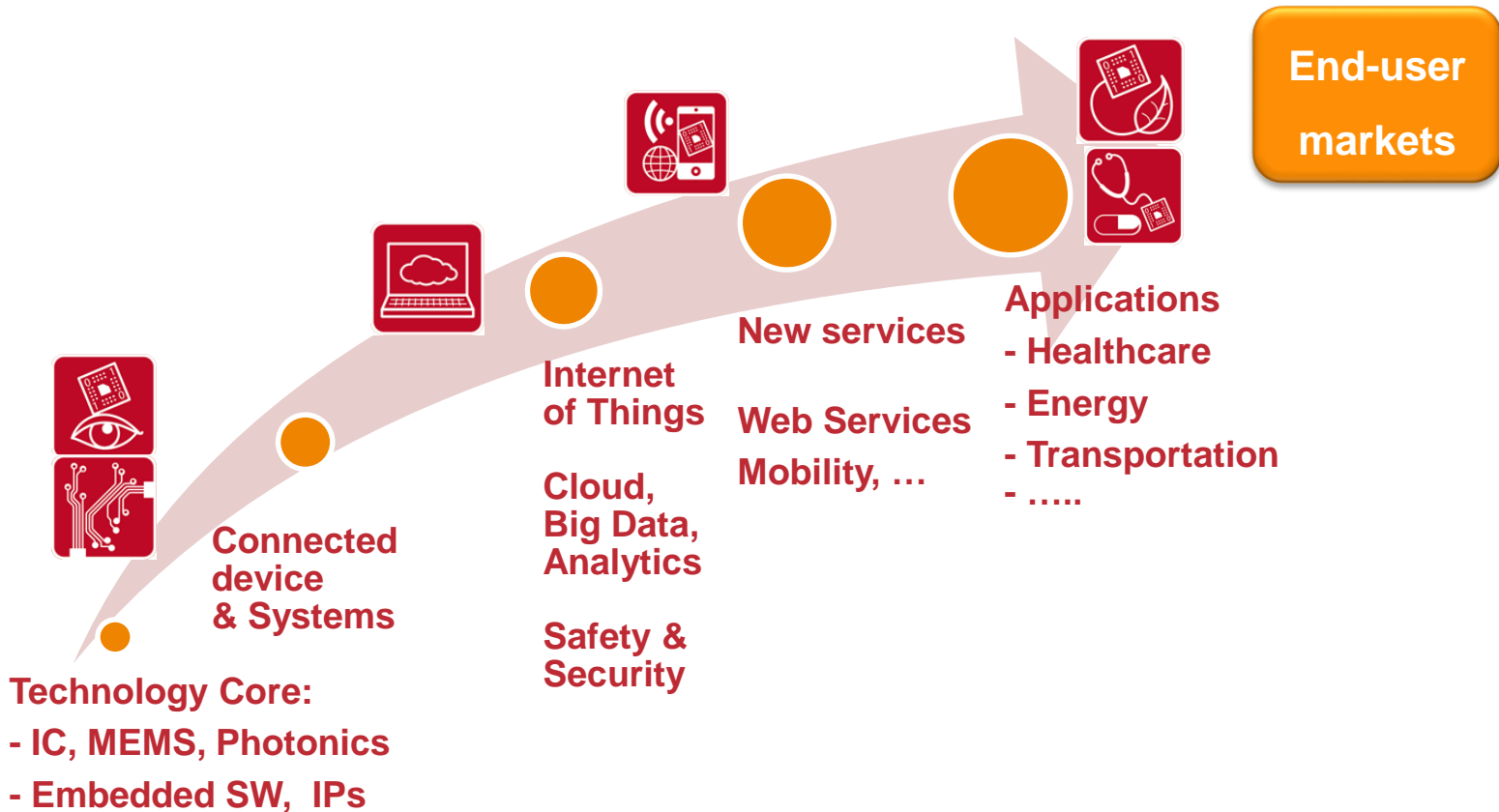**Isabelle Guillaume – isabelle.guillaume@minalogic.com**

Minalogic Cluster at a glance

- Minalogic is a Global Technology cluster, focused on **Digital Technologies** (Micro/nano Electronics, Photonics and Software), based in **Auvergne Rhône-Alpes region**, France

- Two main roles :
  - **Foster innovation** through collaborative market driven R&D projects between SME's, Large Groups & Research labs
  - Provide support to **accelerate growth** of Innovative SME & start-ups

► 350 members, incl **250 SMEs**

► **519 projects** launched, **2,1 Bn€** R&D investment incl **830 M€** public funding

► Ranked European Cluster of Excellence **Gold Level** since 2012

Others 14%

Research and education 5%

Corporate 13%

SME 68%

Imaging 17%

Connectivity and mobility 31%

Healthcare 17%

Traditional industries 16%

Energy efficiency 19%

GOLD

Cluster Management Excellence

PROVEN FOR CLUSTER EXCELLENCE
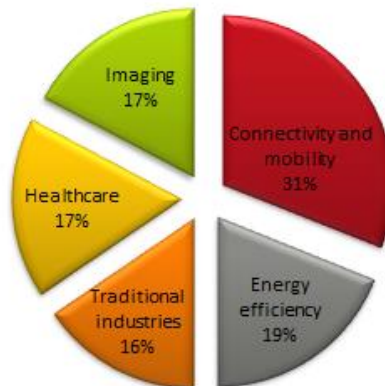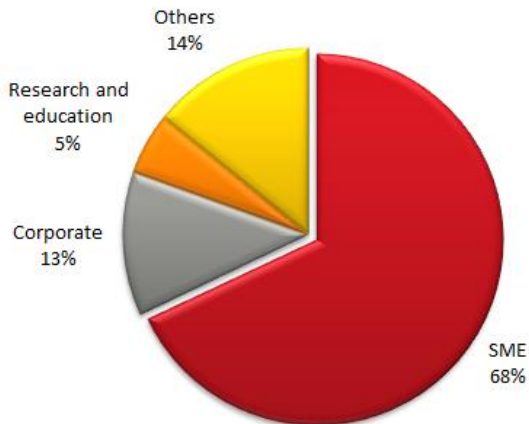
A technology portfolio covering the whole digital Value-Chain….

End-user markets

Applications
- **Healthcare**
- **Energy**
- **Transportation**
- **…..**

New services

Web Services
Mobility, …

Internet of Things

Cloud, Big Data, Analytics

Safety & Security

Connected device & Systems

Technology Core:
- **IC, MEMS, Photonics**
- **Embedded SW, IPs**

Technologies

Micro-nano

- CMOS / FDSOI
- MEMS
- Imaging
- Large area electronics
- Fabless
- Energy harvesting
- LED / OLED
- Electronic Design Automation (EDA) tools

Photonics

- Optical coatings
- LED, OLEDs
- Photonic sensors
- Image processing
- Integrated optics
- Guided optics, fibers
- Laser
- Spectroscopy
- Diffractive optics, holography
- Display

Software

- Cloud Computing
- Big Data / Search / Analytics /AI
- High Performance Computing
- Simulation / Modelisation
- Cyber Security / Privacy / Trust
- Safety
- Mutimedia Signal Processing
- Geolocalisation
- Protocols & Infrastructure for IoT

Focus IoT : More than 100 companies

40 companies   **10 companies**   **10 companies**

"Collect"
With Things
Sensors and Connectivity

+

"Connect"
With Network

+

"Correlate"
With Cloud/Data

Distributed Software & Communication

« Productize - Integrate »
B2C, Energy, Building, Heathcare

40 companies

Source schema:

Embedded France

… creating value in numerous final markets

- **Energy**
  - Smart Grid
  - Smart Buildings
  - Smart Cities

- **Industry**
  - Industry 4.0
  - Robotique
  - …

- **Transportation / Mobililty**
  - Smart roads
  - Connected & Autonomous Vehicles
  - Aerospace & Aeronautics

- **Healthcare**
  - Robot Assisted Surgery
  - Medical Devices & imaging
  - E-Health / Wellness / Silver Economy

- IT & Telecom
  - **Internet of Things**
  - IT & datacenters
  - Telecommunications (fixed and mobile)

A portfolio of services focused on Innovation and Business

Networking Events

Targeted Connections

NETWORK
Find the partners you need

Open Innovation Days

Collaborative Projects with research labs, SMEs, Large groups

INNOVATION
Fostering innovation, from ideation to the market

BUSINESS
Boost your Growth

Minalogic Business Meetings

Access to European programs

Pavilions on major International Tradeshows

R&D Projects : Creating value thanks to an ecosystem of excellence

- **68 projects** funded in 2016
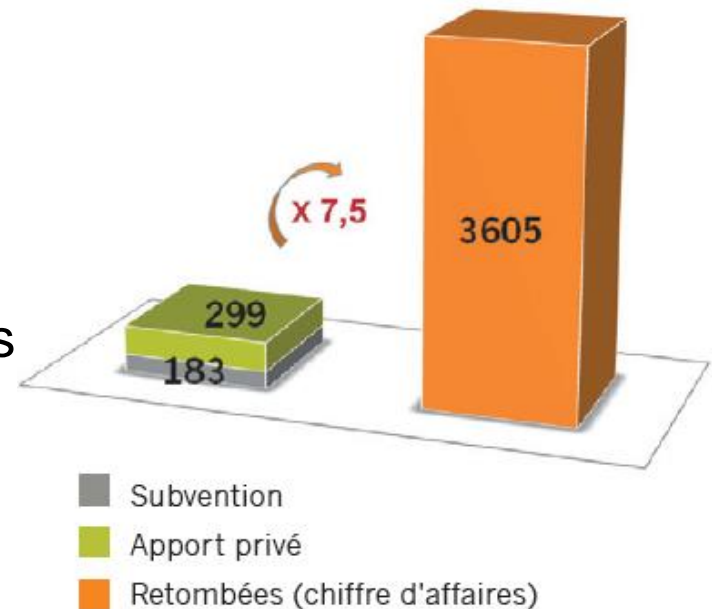 - ANR, FUI, Easytech

- 1rst 2017 FUI campain :
Minalogic ranked **Top 1 Cluster in France**
  - 11 projects funded

- Projects turning into **Revenue & Jobs** :

  Analysis of the 67 completed FUI projects
  - Cumulated expected revenue →

  - More than **700 jobs** created &
  175 patents filled during the projects

x 7,5

3605

299

183

Subvention

Apport privé

Retombées (chiffre d'affaires)

Minalogic Business Meetings : an international B2B event for Digital technologies

- **More than 120 companies**
  - 50% Integrators
  - 50% innovative suppliers

- **750 B2B meetings**

- **An opportunity for Corporate to connect with up to 14 innovative SMEs in One day**

Open Innovation Day to foster Business relations between SMBs & Large Groups

- **Open Innovation Day Value Proposition** :
    - **For Corporates** : a dedicated one-day event to meet the selected SME's & Startups the most relevant to fullfill **your** needs
    - **For SMBs and startups** : a true opportunity to enter in business relation with a Large Group

- Success Rate
    - **30-50% Active business relations** post event

International pavillons / delegations

- Stronger together! : common Minalogic booth to support **SMEs & startups visibility**

- With the support of La Région Auvergne-Rhône-Alpes

Europe : Minalogic at the heart of the Silicon Europe Alliance

SILICON **EUROPE**

IN TOTAL **2000** MEMBERS FROM 10 COUNTRIES

12 CLUSTERS FOCUSING ON ICT

NMI
Livingston, Chippenham

High Tech NL
Eindhoven

BCS
Nijmegen

Silicon Saxony
Dresden

MIDAS
Cork

DSP Valley
Leuven

Silicon Alps
Villach

Minalogic
Grenoble

Distretto Green & High Tech MB
Monza Brianza

GAIA Cluster
San Sebastian

SCS Cluster
Sophie Antipolis

mi-cluster
Athens, Patras

Our objective : Create active cross-fertilization between our ecosystems

- Target : Establish **efficient connections** between our members
  - For R&D / innovation topics
  - For Business relationship

- How ?
  - Promote our flagship events towards the Alliance clusters
    - Collaborative project events open to Silicon Alliance delegations
    - SME delegation participating to B2B events

  - Facilitate the search for partners and Propose relevant names to complete R&D consortia

- Final objective :
Make Europe **as easy as the domestic market** for our SMEs ☺!

As a Summary, Minalogic is :

- A Recognized Innovation Cluster on Digital technologies, with a Global reach,

- At the heart of a European Innovation Network

- Leading the regional innovation ecosystem for more innovation and growth

- Supporting Startups & SME's
  - R&D and Innovation Roadmap, collaborative projects
  - Business Growth
  - HR developement

- Supporting Large Groups
  - Innovation & Technology scouting
  - R&D and Business partnership opportunities
  - HR developement

- Supporting Research labs
  - Technology and knowledge transfer to Industry

Merci pour votre attention

www.minalogic.com