

## > Key Facts & Figures about Minalogic and its ecosystem



### 2005-2010 Financing

**137 projects** were certified and financed, for total funding of **€498.3 million**, with a total R&D budget of around **€1.5 billion**.

> 5 projects were financed by the ISI/All [*Agence pour l'innovation industrielle*] for a total of €220 million.

> 52 projects were financed by the FUI [*Fonds Unique Interministériel*] and local governments for a total of €160.7 million.

> 59 projects were financed by the National Research Agency, for total funding of €49.8 million.

> 18 projects were financed by Oseo, for total funding of €21.8 million.

### 168 Members

- 124 companies (81% SMEs)
- 15 research centers and universities
- 15 local governments
- 11 economic development organizations
- 3 private investors

### Research, industry and education in Grenoble-Isère

#### Population involved in IT and software

Research	2,000 jobs
Business	12,000 jobs
<b>TOTAL</b>	<b>14,000 jobs</b>
Higher education	2,200 graduates/year

#### Population involved in micro- and nanotechnologies and electronics

Research	3,000 jobs
Business	21,700 jobs
<b>TOTAL</b>	<b>24,700 jobs</b>
Higher education	1,200 graduates/year



so small so smart

▶▶▶ Are you seeking partnerships  
and new opportunities?

## MINALOGIC

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& Boost your Capacity for Innovation

## > About Minalogic

**Minalogic Global Competitive Cluster** promotes innovation in France's premier technological hub: Grenoble-Isère. The cluster channels in a single location the highly-specialized know-how required to **design and develop intelligent miniaturized products and services for industry.**



Minalogic combines micro- and nano-technologies and intelligent embedded software to create unique value-added solutions. Applications cut across virtually all industries from the traditional to the high-tech, including healthcare, the environment, mobile communications, the media, and textile design and manufacturing.



Minalogic also harnesses Grenoble's fertile innovation ecosystem, which has garnered international recognition for its culture of transversal, project-based collaboration between public- and private-sector partners from research, education, and industry.

The cluster's agile, participatory governance model helps this diverse group of partners to collaborate effectively. The resulting synergies drive creativity and innovation—key factors in economic competitiveness.

## > Focus Areas

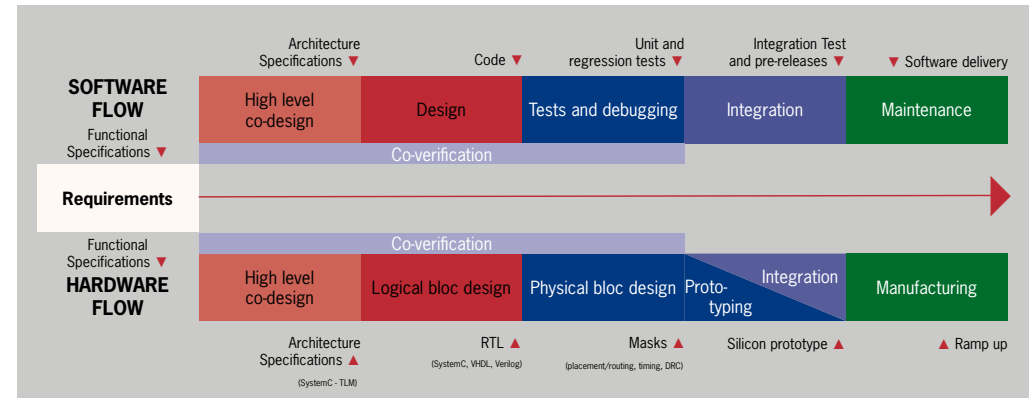
### Micro- and Nanotechnologies

- > Micro- and nano-electronic hardware technologies:
  - Materials
  - Systems and technologies
  - Manufacturing sciences
  - Equipment
- > Physical design (CAD) tools and libraries
- > Packaging techniques including "system in package" and "package on package"
- > Solid state electronic components:
  - MEMS
  - Sensors
  - Large-surface components

### EmSoC *(Embedded Systems on Chip)*

- > Modeling/validation
- > Implementation tools and methods
- > Software infrastructure for embedded systems
- > Basic technological building blocks
- > Multiprocessor platforms
- > Integration of these technical components into projects sponsored by major corporations such as Schneider Electric, France Telecom, and STMicroelectronics.

## > Contributing know-how along the entire systems-on-chip design value chain



## > Services provided to members

### > Networking

Regular brainstorming sessions to promote networking, technology transfer, and the emergence of new projects.

### > Guidance for the preparation and submission of projects

This enables the cluster to submit well-developed proposals to the certification committees and financing commissions.

### > Collaborative resources

Secure collaborative work platform, intensive computation grid, a broad range of legal tools (confidentiality agreements, consortium agreements, etc.).

### > Intellectual property

Guidance for negotiation and writing of consortium agreements, Intellectual property assessments for start-ups and SMEs.

### > Financing

Latest information on the various forms of support available at the local, national, and EU levels. Relationships with banks and VCs.

### > Technology watch

Monitoring of the strategic research agendas of the major European research structures. Close ties with the Observatory for Micro and Nanotechnologies (OMNT).

### > Communication

Trade shows and industry events, newsletters, press releases and presentations, training, networking, and the sharing of key industry information and best practices.