



**MINALOGIC**

Auvergne-Rhône-Alpes



**Connect.  
Innovate.  
Grow.**



# »»» About us



Expertise



Excellence



Innovation



Proximity



Trust



Collaboration

- Minalogic ranks as one of the major European innovation clusters in deeptech and digital transformation

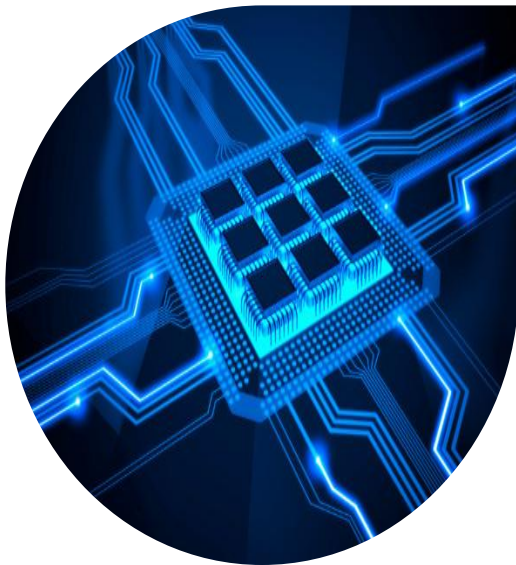
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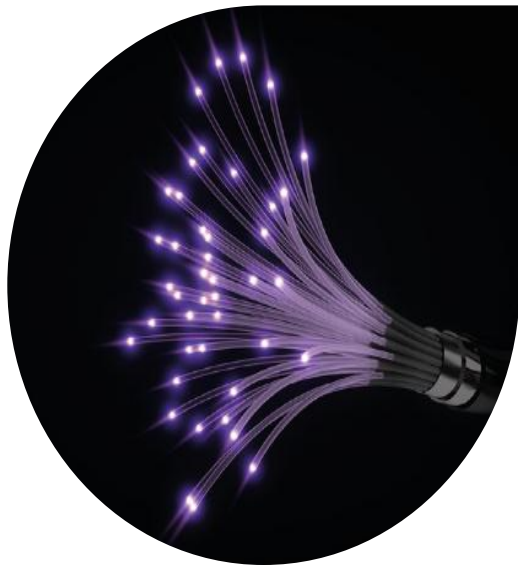
**La Région**  
Auvergne-Rhône-Alpes

- Minalogic's boosts entrepreneurs' market expansion and accelerate research-to-market transition with robust services based on three complementary missions
  - 🌐 Connecting regional innovation to top-tier worldwide clusters and international markets
  - 💡 Accelerating breakthrough innovation projects
  - 🔔 And actively promoting the unique technological expertise of the regional ecosystem

# ➤➤➤ Minalogic: The Tech Core



**MICRO/NANO/  
ELECTRONICS**



**OPTICS-PHOTONICS**



**SOFTWARE**

# ➤➤➤ Minalogic: the technologies of our members

## Micro-nanoelectronics

Design and modelling tools (CAD, EDA...) • Materials • Microelectronic equipment and processes • Memory components, microprocessors and other integrated circuits • Active components and passive components • RF, microwave, THz • Energy components, diodes and power transistors... • MEMS and NEMS components, sensors, actuators • Technologies for the security of electronic components and systems • Packaging and 3D printing • PCB, electronic boards (EMS) • 3D integration • Organic, printed and supermarket electronics • Electronic solutions and systems • Installation/maintenance of specialized infrastructures • Quantum computing • etc.

## Optics / Photonics

Displays and screens • Holography • Diffractive optics • Detectors • Cameras • Imaging instruments • Optical instruments • Optical instruments • Spectrometry • Guided optics • Optical fibers • Platforms • Motors • Piezoelectric actuators • Thin films • Materials • Signal and image processing • Lighting • Sources • lasers • LED • OLEDs • Micro • nano optics, integrated optics • Simulation • modelling etc.

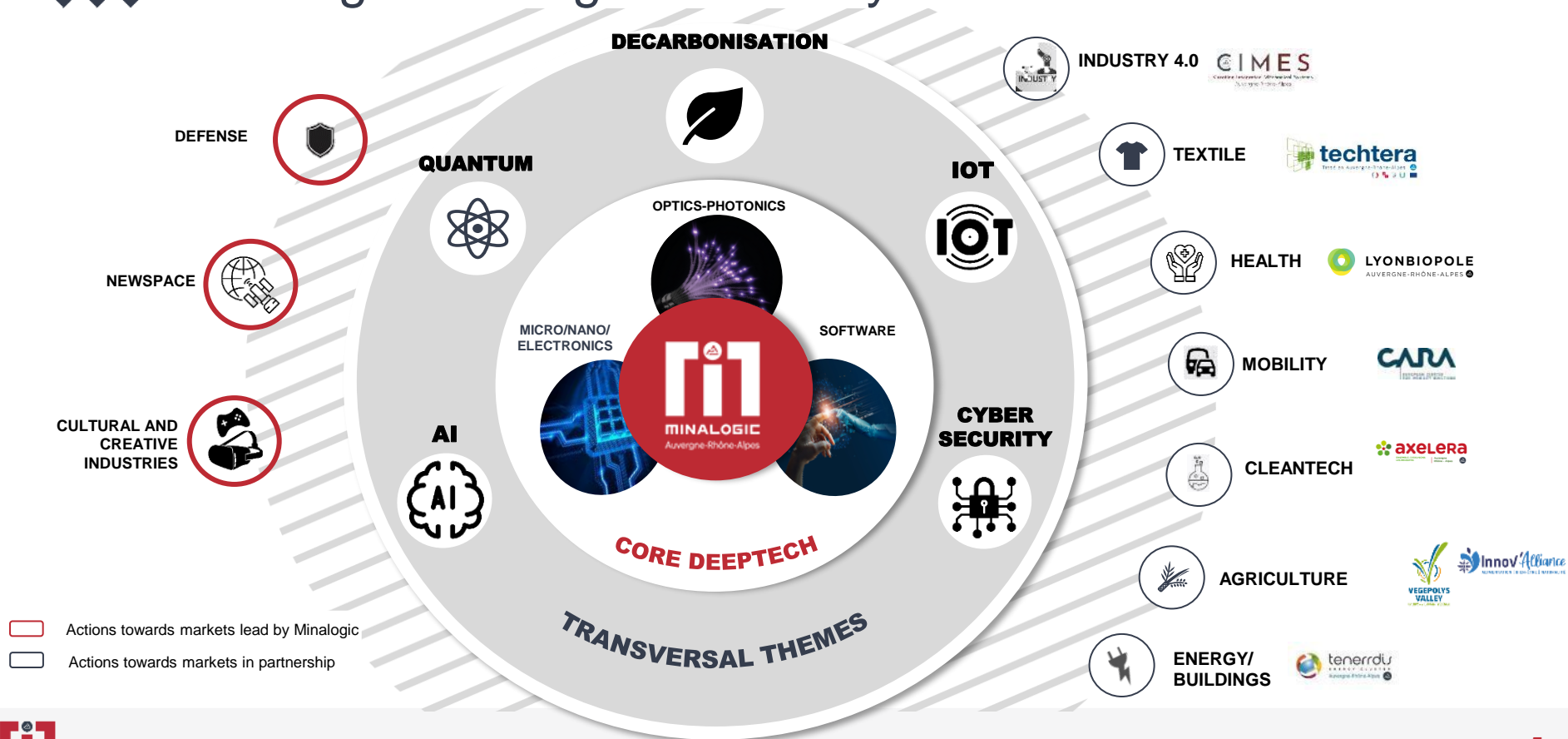
## Software

Infrastructure (computer • Servers • Storage • Networks and Telecom, High Performance Computing) • Simulation • Modelling • Data (data processing, Big Data, Database) • Internet of Things • Artificial Intelligence • Software vendors (Business applications, Web & Mobile Application, Software tools, OpenSource) • EmSOC (embedded software, industrial software, formal methods) • Digital security • Block chain • Robotics • etc.

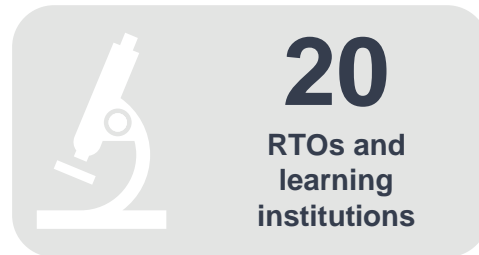
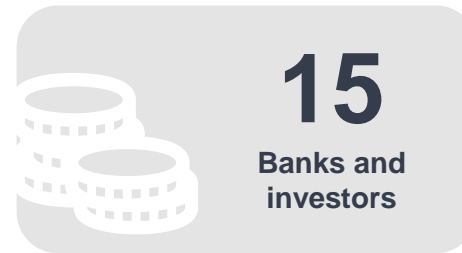
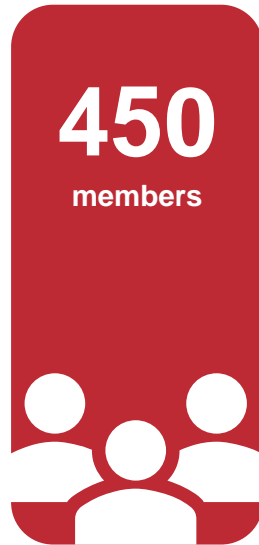
## Digital Content & Uses

Interactive technologies (HMI, NUI, robotic interaction, no interface) • Immersive technologies (AR • VR • MR • Immersive rooms...) • Sensory technologies (haptics, olfactory, sound...) • Brain interfaces and neuro-technologies (brain-computer interface, emotiv headset...) • Sound and voice technologies (digital lutherie, acoustics, voice interfaces,...) • Broadcast and distribution of content • Content creation technologies (VFX, game engine, texturing,...) • Information, Communication & Datavisualization (storytelling, indicators, charts, graphics, DPA...) • Design (product, services, interfaces....) • Creativity (ideation, methodology, gamification...) etc.

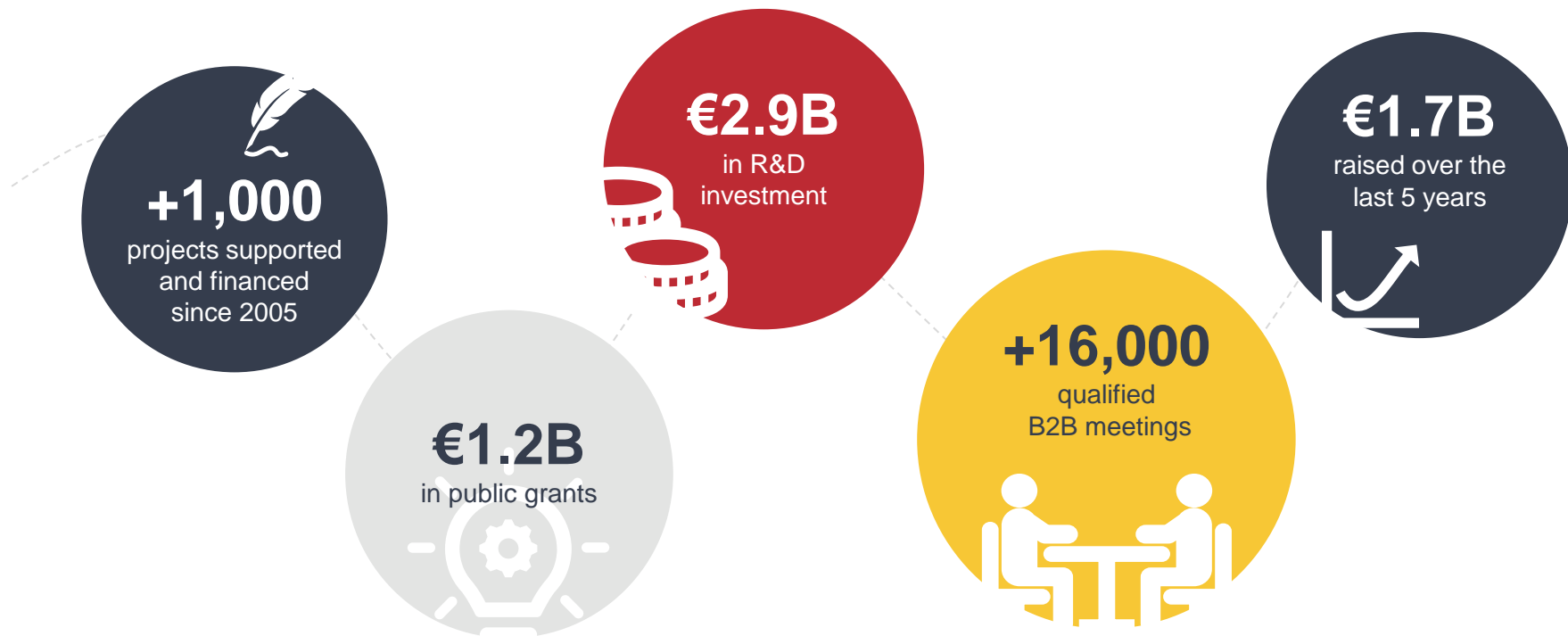
# Minalogic: Driving the industry of tomorrow



# ➤➤➤ A major European innovation cluster



# 20 years of experience



# Leader in European collaboration





# Our current EU projects



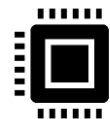
ASTEERICS



PHOTONICS



MICRO/NANO/  
ELECTRONICS



AI



# A strong track record



## Ongoing projects

<b>Asteerics</b>	Chips JU-competence centers	Led by Minalogic, it aims to implement the French microelectronics Competence Center that the European Commission wishes to deploy in all 27 EU countries
<b><u>aCCcess</u></b>	DIGITAL-JU-CSA	Establish the European Network of Chips Competence Centers (ENCCC). Designed to guide the CCCs and create maximum synergies and it aims to amplify the European semiconductor ecosystem's impact through coordinated and federated actions of the CCCs
<b><u>MINASMART</u></b>	DIGITAL-SIMPLE EDIH	The operational DIH and EDIH MINASMART led by Minalogic unites the regional innovation key stakeholders to support the digital transformation, drive the economy and foster technological excellence
<b><u>INFRACHIP</u></b>	Horizon Europe – INFRA	Cluster support for European dual-use companies with the ambition to access international markets, with the aim of integrating global value chains and developing sustainable long-term partnerships.
<b><u>EARASHI</u></b>	Horizon Europe Cluster 4	EARASHI will support Start-ups and SMEs in the uptake of advanced digital eco-responsible technologies (in particular AI, data and robotics) to help workers in their daily activities and improve their working conditions (safety, health and well-being) leading to productivity increase. Cascade funding
<b><u>Photonhub Europe</u></b>	H2020 – Photonics	As a digital innovation hub for photonics, PhotonHub provides European photonics and non-photonics companies, in particular SMEs and mid-caps, with open access and guided orientation to a broad range of services and capabilities (cascade funding)

# A strong track record

Just finished



<b><u>Silicon Eurocluster</u></b>	COSME / Single Market Programme	Interclustering with the clusters of the Silicon Europe Alliance. to provide support for the European electronics industry. Focus: - SWOT of the value chain, support for digitalisation (Cascade funding) , support for the green transition (Cascade funding) , international actions, and Open Innovation.
<b><u>DIHsP4 Medicine</u></b>	Horizon Europe EIE	Build successful collaboration mechanisms among Digital Innovation Hubs with the main objective of boosting the P4 paradigm in Medicine: predictive, preventive, personalized, and participatory.
<b><u>Ascent+</u></b>	H2020 – INFRA	ASCENT+ serves as a direct entry point to European Nanoelectronics Research Infrastructure of global scale, offering access to key enabling capabilities in state-of-the-art processing, modelling and simulation data sets, metrology and characterisation, and devices and test structures.
<b><u>DIGIFED</u></b>	H2020 – Smart Anything Everywhere	strengthening and facilitating the adoption of advanced digital technologies, or cyber-physical systems (CPS), by SMEs, in particular non-digital businesses, by means of FSTP (cascade funding)
<b><u>Smarteets2</u></b>	H2020 – Smart Anything Everywhere	Encouraging the adoption of flexible and portable electronics in the business of SMEs in order to develop innovative products and solutions through FSTP (cascade funding)

# A strong track record

Just finished

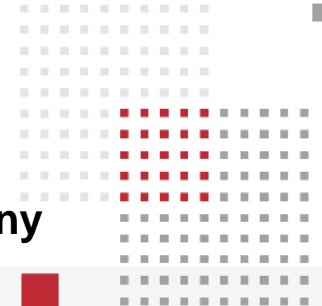


<u><b>UFO</b></u>	H2020 – INNOSUP	Development of new innovative services and products combining embedded digital technologies and small flying objects thanks to FSTP (cascade funding)
<u><b>KET4DUAL- USE 2.0</b></u>	COSME	Cluster support for European dual-use companies with the ambition to access international markets, with the aim of integrating global value chains and developing sustainable long-term partnerships.



## Our value proposition to projects

- **SME engagement:** network of 450 direct members including 380 companies and around 2000 Tech-players (SMEs and large groups) members of Silicon Europe clusters.
- **Communities inter-linkage and building**
- **Organisation of Open Innovation challenges and B2B meetings / matchmaking**
- **SME support in private und public financing strategies**
- **Open calls management (FSTP) – call text, dissemination, evaluation**
- **Evaluation of technology projects**
- **Dissemination on trade shows – booth management**
- **Organisation of international events and international company missions**





# LIE ARE. MINALOGIC

Auvergne-Rhône-Alpes

## Nos partenaires publics



## Nos partenaires privés



#WeAreMinalogic