



The microelectronics sector is almost exclusively concentrated in Isère where it is particularly prominent. Thanks to a large concentration of players, laboratories and facilities in place, Auvergne-Rhône-Alpes is the leader in the sector.

SPECIFIC FEATURES AND STRENGTHS OF THE SECTOR

The bulk of the sector is concentrated in Isère: 82% of companies are located there.

The area surrounding Grenoble has attracted a whole host of companies: 91% of jobs in the regional sector are massed here. The city and its urban area are seen as the **European Silicon Valley** in this field on account of the longstanding presence of major labs (CEA-LETI, for example) and research facilities and infrastructure on a European level.

Grenoble provides a substantial research ecosystem with its university centre and its 14 doctoral schools. It boasts the largest concentration of researchers in France and the highest number of patents filed per inhabitant.

The presence of CEA LETI, a major player in micro and nanoelectronic research, is one of its main assets. With a staff of 1,900, it is one of the main European centres for research in electronics.

Players in the territory represent a complete value chain, from start to end of the sector. Many longstanding players and leaders in the sector are also based in Auvergne-Rhône-Alpes.

Imaging in particular is a rare and specific skill of the sector in the region.



KEY FIGURES

FOR THE SECTOR

- **35,000 jobs**
of which 91% in Isère
- **230 companies**
- **€5 billion in investment**
- **Auvergne-Rhône-Alpes is a leading region in microelectronics**



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MAIN AREAS OF ACTIVITY IN THE SECTOR

- Electronic CAD & design
- Equipment and material
- Fabless
- Microsystems & MEMS
- Imaging

JOBS AND TRAINING

A THIRD

OF FRENCH JOBS IN MICROELECTRONICS ARE IN AUVERGNE-RHÔNE-ALPES

Two main training centres are based in Grenoble. Grenoble-INP PHELMMA, a school for engineers in micro and nanotechnologies, is the **#1 French "Grande École" for engineers in microelectronics**. Université Grenoble Alpes also offers a range of options for MScs in Microelectronics, Optronics or Telecommunications, with coordinated programmes with Grenoble INP.

THE SECTOR'S ECOSYSTEM

International clusters are present:



Minalogic, global innovation cluster for digital technologies

IRT Nanoelec, global centre for research and innovation in microelectronics

Cluster Lumière, a network of skills in the light and lighting sector

A large network of laboratories is established in the region: MINATEC – micro and nanoelectronics campus, CEA-Leti, TIMA, INAC, SPINTEC, etc.



COMPANIES ESTABLISHED

IN AUVERGNE-RHÔNE-ALPES



Contact us:
www.invest-in-auvergnerhonealpes.com

+33 (0)4 73 19 59 97



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