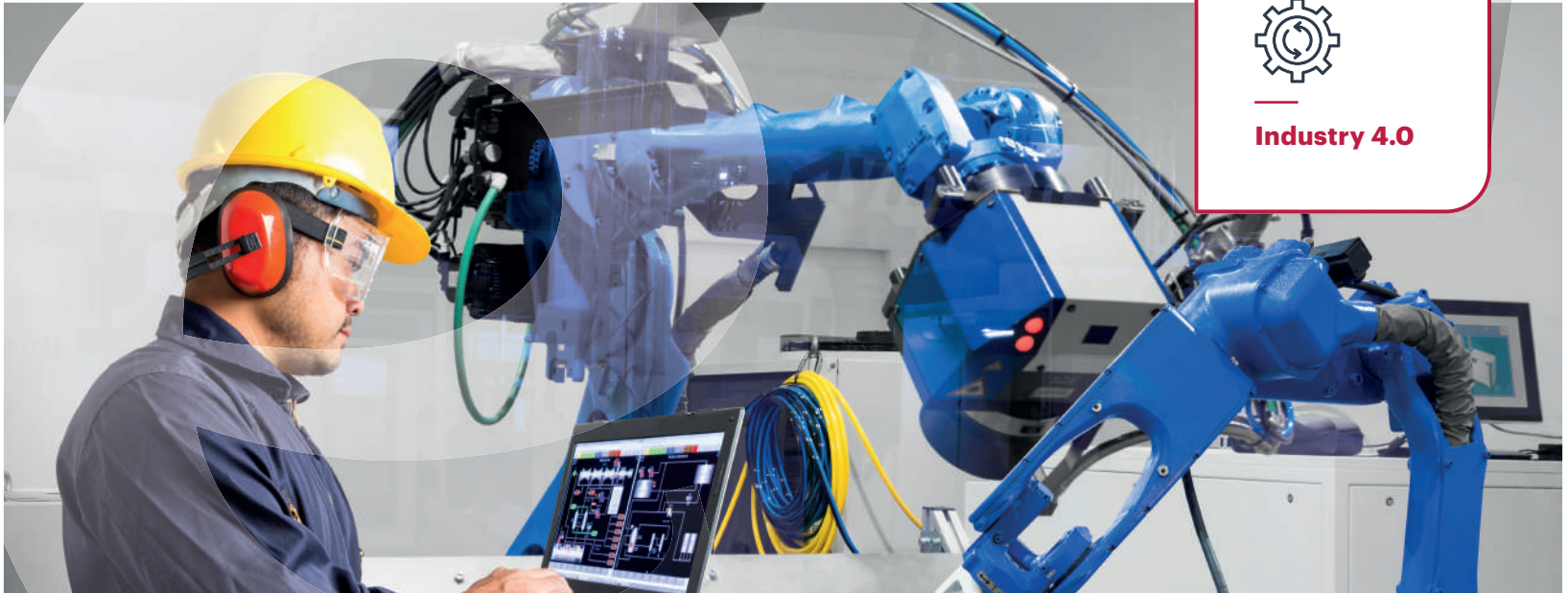




The industry of the future is already being built in Auvergne-Rhône-Alpes! All the skills and know-how are on hand in the region to support manufacturing companies with this change.

SPECIFIC FEATURES AND STRENGTHS OF THE SECTOR

The skills and know-how required to transform traditional industry to industry 4.0 can be found in Auvergne-Rhône-Alpes.

650 companies offer their expertise in every industrial field.

40% of these solution-driven companies are active in industry (machinery and equipment, electronic devices, design/assembly of industrial processes, etc.), and 60% in services (engineering and technical studies, computer programming, etc.).

The scope of their activities is extremely broad: digitization, production management and control, integrated robotic systems, additive manufacturing, robotics, AI, automation, resource optimization, modelling, etc.

All these areas form a complete ecosystem.

These players can meet the needs of companies on every market.

Auvergne-Rhône-Alpes has the biggest industrial area in France and is home to strong sectors and major players, so industry's needs for modernisation are considerable. This leaves market opportunities for newcomers.

The region has several centres of expertise concerning robotics, artificial intelligence and additive manufacturing, with the presence of major players in 3D printing.

Two large-scale additive manufacturing projects are implemented in Auvergne-Rhône-Alpes: **Aéroprint and Manufacture Additive du Futur**.

The presence of **several renowned laboratories and research centres** (Institut Pascal, CEA tech, MIAI Grenoble) has enabled the growth of this expertise.

The sector has a comprehensive network of technical, research and training partners.

Coboteam, regional cluster for robotics and cobots, participates actively in the sector.



KEY FIGURES

FOR THE SECTOR

- **650 companies**
- **19,000 jobs**
- **€3 billion in turnover**



8

MAIN AREAS OF ACTIVITY IN THE SECTOR

- Digitization of the value chain
- Production management and control
- Robotic system integrators and robotics engineering
- Product and process design and modelling
- Resource optimization
- Buildings for the factory of the future
- Industrial robotics
- Additive manufacturing

JOBS AND TRAINING

The region has a **great network for apprenticeship training** thanks to some sixty CFAIs (Industrial Apprentice Training Centres).

A large number of engineering and specialist schools enhance the supply of education: INSA Lyon, ENISE (Saint-Etienne), Ecole Centrale (Lyon), SIGMA Clermont, ECAM (Lyon), Polytech Annecy-Chambéry, ITII 2 Savoies.

THE SECTOR'S ECOSYSTEM



The Coboteam cluster (robotics and cobots) drives the sector, as do **CIMES** (manufacturing and productive system performance), **CARA**, **Techtera**, **Minalogic** and **Polymeris**.



Several technical and research centres boost innovation, among which CETIM (Centre Technique des Industries Mécaniques) Saint-Etienne – one of 4 regional centres along with Annecy, Cluses and Grenoble -, CEA Tech in Grenoble (micro and nanotechnologies, intelligent digital systems), INRIA Grenoble, MIAI, laboratories LAGEP Lyon-Villeurbanne (automatic control and process engineering) and G-SCOP in Grenoble (sciences for design, optimization and production).



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