

THE

Electronics industry

IN THE CENTRE-LOIRE VALLEY REGION

5,705 jobs

117 industrial concerns

One competitiveness cluster :
S2E2, Smart Electricity Cluster

53 training courses available

Cutting-edge R&D

THE TOP TEN EMPLOYERS

COMPANY NAME	COUNTRY	DPT	ACTIVITY	WORKFORCE
STMICROELECTRONICS	IT	37	Manufacture of semiconductors	1,400
AUXITROL	US	18	Manufacture of sensors and measuring systems	450
MSL CIRCUITS	CHN	45	Manufacture of printed circuit boards	402
THALES AIR SYSTEM	FR	45	Manufacture of surveillance systems	386
JAYBEAM-WIRELESS	US	37	Manufacture of radio communication antennas	199
BAUMER BOURDON HAENNI	CH	41	Manufacture of sensors and measuring systems	192
HITACHI COMPUTER PRODUCTS	JP	45	Manufacture of IT storage systems	180
ACTIA AUTOMOTIVE	FR	28	Manufacture of monitoring equipment	147
MICRO CONTROL SPECTRA PHYSICS	US	45	Manufacture of lasers	143
VERMON	FR	37	Manufacture of probes and sensors for medical imaging	143

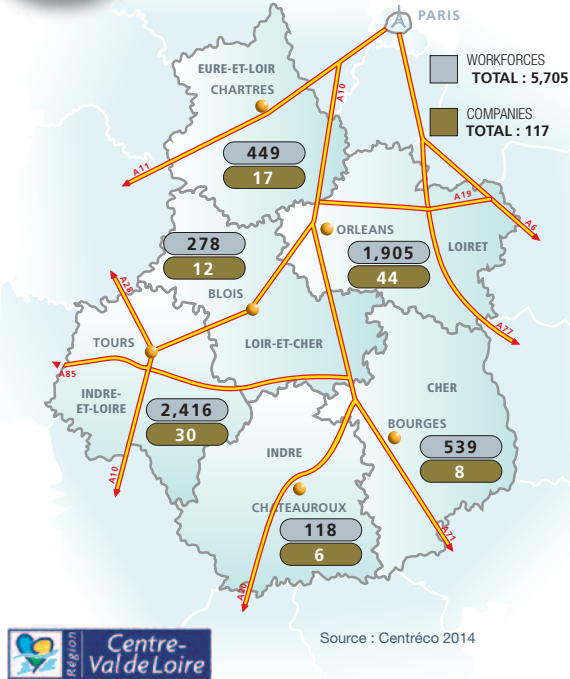
Source : Centréco

THE TOP FIVE EXPORTERS

COMPANY NAME	DPT	ACTIVITY	WORKFORCE
HITACHI COMPUTER PRODUCTS	45	Manufacture of IT storage systems	180
COMPAGNIE INDUSTRIELLE DES LASERS (CILA)	45	Manufacture of optronics equipment	135
MSL CIRCUITS	45	Manufacture of printed circuit boards	402
AUXITROL	18	Manufacture of sensors and measuring systems	450
VERMON	37	Manufacture of probes and sensors for medical imaging	143

Source : Regional Customs Directorate

Breakdown of companies and workforces by department



Training

53 institutions in the Centre-Loire Valley region provide courses in the electronics professions, including 11 apprenticeship centres (CFAs) and 31 initial training institutions.

EQF LEVEL 4

- Vocational baccalaureate (=A levels) in Electrotechniques
 - Vocational baccalaureate in Microtechniques
 - Vocational baccalaureate in Electronic Systems

EQF LEVEL 5

- BTS (=two-year post-A level study) in Electrotechniques
 - BTS in Optical Engineering, Optics option
 - Instrumentation
- BTS in Design and Industrialisation in Microtechniques (CIM)
 - BTS in Electronic Systems

EQF LEVEL 6

- Vocational Bachelor in Electricity and Electronics, Analogue Electronics and Microelectronics speciality

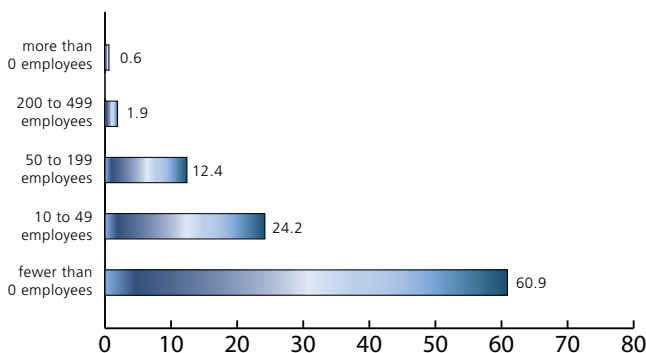
EQF LEVEL 7

- Master in Mechatronics, Automation, Robotics and Signals
 - Specialist Master in Sensors and Geosciences
 - Engineering Degree – Electronics and Electrical Energy Systems speciality
 - Engineering Degree – Electronic and Optical Ecotechnologies

Research & Development

- CERTeM - Centre for Technological Research and Studies in Microelectronics
- CRESITT Industry - Regional Centre in Electronics and Systems for Innovation by Technology Transfer in Industry
 - GREMAN - Research Group in Materials, Microelectronics, Acoustics and Nanotechnologies
 - Automation Sensor Cluster
- PRISME - Multidisciplinary Laboratory for Research in Energy, Mechanical and Systems Engineering

Breakdown of companies according to the number of employees in %



A competitiveness cluster : S2E2



S2E2, the Smart Electricity Cluster, brings together more than 175 members across the Centre-Loire Valley, Limousin and Pays de la Loire Regions and supports them in their development strategy on such themes as economic intelligence, networking, training, project engineering, product enhancement and international relations.
<http://www.s2e2.fr/>



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