



## Research in Aquitaine: key Figures

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- Total number of people employed in R&D : 11 300 employees amongst which 6 350 in private companies ;
- 6 000 researchers and teaching researchers ;
- Over 200 laboratories, linked to the Bordeaux University and to the National Research Organisations ;
- National Research Centres present in Aquitaine : CNRS (80 laboratories, 2 500 permanent staff), INSERM ( 39 laboratories ), INRA ( 560 staff, 15 sites in Aquitaine), CEMAGREF, INRIA, IFREMER...
- « **Innovalis Aquitaine** », the **Regional Agency for Innovation**. Its role is to detect and accompany innovative projects in Aquitaine SMEs, encourage large companies to collaborate on their research with Aquitaine laboratories, maintain a technology watch activity, encourage local companies and research teams to take part in national and european programmes.

### Some of the main Research Themes :

**Agri-food** : vines and wine, food technology, biotechnologies, nutrition, toxicology and food safety.

**Chemistry** : biology, polymers, analytical chemistry, wood chemistry, materials chemistry, collage.

**Electronics** : hybrid micro-electronics, microstructures, telecommunications and high frequencies.

**IT/Mathematics** : combinatory and algorithmic, logic, modelling, parallel computing, images, bio-informatics.

**Mechanics** : ultrasound methods, non-destructive testing, corrosion, biomechanics, machining, structural durability, thermomechanic processes, materials and environment.

**Medicine and life sciences**: neurosciences, biochemistry and cell genetics, functional genomics, biomaterials, pharmacology and medicines, biophotonics

**Physics** : nuclear physics, molecular, optical and Hertzian physics, intense lasers, civil engineering.