

Invest
in Bretagne

Bretagne

Land of excellence and innovation in RFID





High Tech Clusters & Associations

- **Granit** - ICT Association
- **Intelligent Transport Systems Bretagne Cluster**: manages, coordinates and supports the leaders and initiatives in research and development in the field of Intelligent Transport Systems (ITS)
- **Maupertuis Institute**: Engineering consulting for the application of RFID technologies in manufacturing (productivity, security, traceability, added value, authorization)
- **MEITO** - ICT Association
- **Pôle de compétence IPV6**
- **Pôle Image & Réseaux** - Media & Networks Cluster
- **RFID** - Bretagne Development
- *etc.*

25 Higher Education Establishments & 56 National and International Research Laboratories

- **ENIB** - Brest National Engineering School
- **ESLI** - Industrial Logistics National School of Higher Education
- **IETR** - Electronics and Telecommunications Institute of Rennes
- **INRIA** - National Institute for Research in Information Technology and Automation
- **IRISA** - Institute of Computer Science and Random Systems Research
- **SUPELEC** - Electrical Science School of Higher Education
- **Telecom Bretagne** - National Institute for Applied Science and Technology
- *and many others*

Technology Parks & Other Clusters

- **Pôle Mer** - Sea Innovation & Business Cluster
- **Pôle Automobile Haut de Gamme** - High End Car Cluster
- **Technopôle Anticipa of Lannion**
- **Technopôle Brest Iroise**
- **Technopôle Quimper Cornouaille**
- **Technopôle Rennes Atalante**
- **Valorial** - Tomorrow's Food Cluster
- **VIPE / Vannes Technopôle**

From R&D to industrial applications...

Bretagne, the place to:

- **research and develop**
Bretagne is one of the leading European regions in the field of Research & Development and Innovation, especially in wireless, broadcasting optics and RFID.
- **test and implement**
The region offers many Laboratory and Industrial possibilities to test and qualify your products and solutions.
- **increase sales**
Bretagne counts a dense industrial network ready to implement RFID innovations. First European agri-food region, first French livestock region, dynamic automotive industry, Bretagne offers a high potential for RFID solutions and can be a first step into France and Europe.
- **support your customers**
The critical mass of multilingual engineers and technicians in the region provides an excellent basis for reliable, dedicated, efficient and timely support structures for the French, European and World markets.

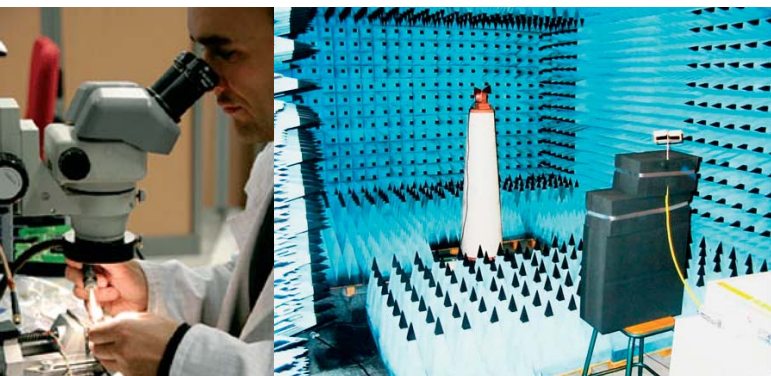
RFID Bretagne Développement: The RFID cluster



This cluster was launched in 2006 by regional business leaders and R&D centers, with the support of regional authorities to:

- promote and facilitate the introduction of RFID technology into industrial processes
- contribute to the emergence of group projects spanning the entire life cycle of value
- promote regional know-how by providing national and international visibility
- carry out a continual technology watch adapted to the regional players' specific needs and guarantee a constant renewing of local expertise.

24 members and growing...



More and more Breton companies get involved in the RFID Bretagne Développement cluster



Numerous Breton companies are developing and marketing innovative RFID and M2M products and solutions

AMG Microwave: designs and manufactures radio material with frequency ranges of 1 to 30 GHz

ATLANTIC RF: design, manufacturing and commercialisation of radiofrequency identification technology solutions

BG Ingénierie: develops smart card projects for retail store loyalty cards, access and ID cards, etc.

CADIMES: development of smart card applications in e-money, telecom, access control & identification environments

IJINUS: measurement and data flow control for stock management, traceability and transportation

KERLINK: expert in « Machine to Machine » communication systems

MEDRIA: control equipment for production activities for managing the health of farm animals using RFID receivers

NIJI: « Machine to Machine » consulting and integration services

OBERTHUR CARD SYSTEMS: one of the leading contactless smart card solutions suppliers worldwide

SIREN: electronic cards tests in situ, boundary scans, traceability, functional tests and specifically designed machines for the Automobile, Avionics, Railway, Telecoms (RF) and other industries

TERTRAIS Production: developing and producing HW and SW solutions for the management of farm animals, using video and wireless technologies

TES: electronics design and manufacturing services company with a RFID research center

THALES Microelectronics: R&D, manufacturing and sales of electronic devices

THOMSON R&D: focusing on solutions for RF and security issues related to RFID technology

Technology integrators for companies looking into RFID solutions

IBM France: integrator of complete RFID solutions

JBG Consultants: providing IT consulting services in organizations with a specific expertise in the agri-food industry

SPIE Ouest Centre: integrator of RFID solutions in industrial processes

SYDEL: applying RFID technology to supply chain solutions, process information technology, automation and process engineering

End users integrating RFID solutions and products

AGROSTAR: industry solutions to manage the product flows of manufacturers, retailers and outside the home food service sector

ALLFLEX: worldwide leader in electronic animal identification

FAMIP: specialized in molding applied science and production for the plastic injection industry

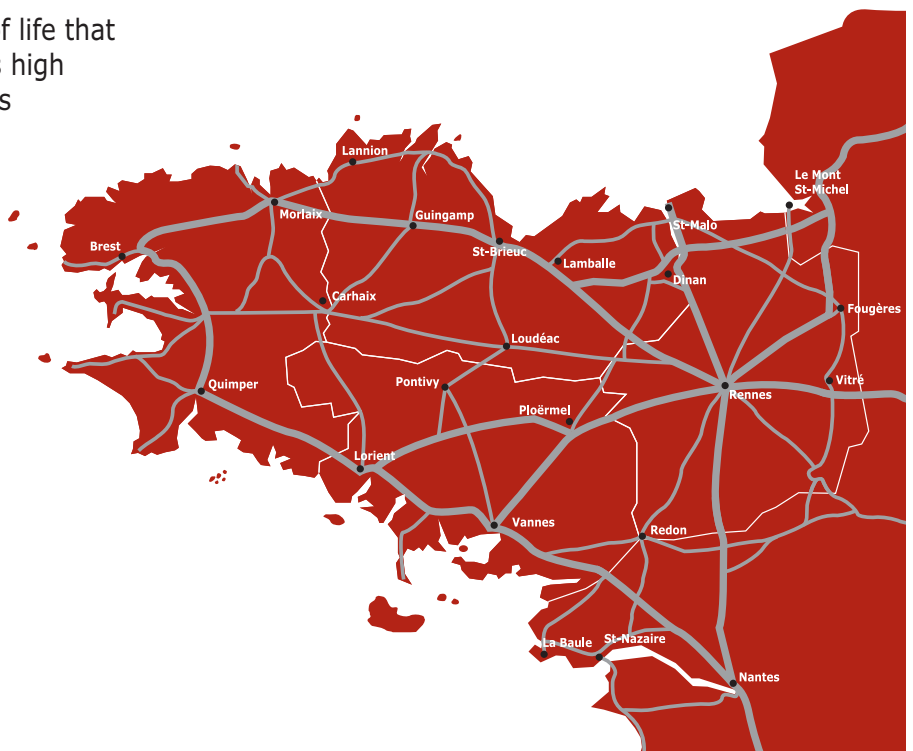
JOHN DEERE AGRI SERVICES EUROPE: software solutions for on board electronics, product flow management, data collecting and data processing

LACTALIS: applying RFID solutions to the milk and meat industry

SVA: applying RFID solutions to the meat processing industry

Why set up your business in Bretagne?

- One of the leading European Technology regions in the field of research, development and innovation, especially in wireless, broadcasting optics and RFID.
- Direct RFID application opportunities in the agrifood, live stock farming, automobile and transportation industries etc.
- A culture of innovation: Turbocodes (Claude Berroux and Alain Glavieux, Marconi Award 2005), JPEG, MPEG, MP3, ATM, OFDH as well as many other inventions and operation: Minitel, Transpac, Viaccess, etc.
- Very high standard of education, both general and scientific, which facilitates recruitment of local talent.
- A privileged place for applied experimentation: Launch of the first French ultra high speed regional network (Megalis - BRETAGNE, 1998)...
- Proven international attractiveness: major European, American and Asian technology leaders have chosen Bretagne as the best location for their business development.
- Real evidence of dynamic and collaborative professional networks.
- Highly competitive cost of doing business – labour, real estate... more affordable than the Western European average.
- Enviably quality of life that attracts and retains high calibre professionals to the region.



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