



DIGITAL ECONOMY IN NORMANDY

A DIVERSIFIED TERRITORY BASED ON RESEARCH AND INNOVATION

DIGITAL ECONOMY

4 000 companies

20 650 jobs

3 500 engineers

2 green data centers

The **Dome** association, "science relay" which promotes the scientific and digital culture

A science park dedicated to Interactive Nomad Devices

A territory open for real new digital in situ experimentation (contactless territories)

Unique electronic banking platform

with industrial products for training and R&D purposes

International expertise in chip design & industrialization, sensors, electronic system & RF technologies, medical, lighting

Many digital business associations

Normandy Microelectronics Association, Novimage, Normandigital...

MAIN COMPANIES

NXP semiconductors • Orange Lab Murata • Bunkr • Bosch • TraceParts Eff'Innov technologies • Cap Gemini Elitt • Presto Engineering Digital Airways • Interaction Multimédia Saagie • Yousign • Gallitt • Ophthimalia Atos Worldline • Acome • Paygreen • Paytweak...

Normandy is a rich and diversified digital land of innovation and well-known as the cradle of secure electronic transactions. Its "service-oriented" digital sector brings together a multi-skilled scientific community of researchers, teachers and businesses involved in R&D projects in different fields such as artificial intelligence, ICT, smart agent, augmented reality, fintech, IoT, BIM, greentech, smart city, e-health, agrotech, etc.

The digital sector is an economic sector in effervescence and constant evolution and also a source of innovation for other sectors: industry, health, transport, trade, agriculture. The Norman territory offers also many soft landing advantages such as incubators, digital canteens, coworking spaces to promote startups/entrepreneurs exchanges: the NWX Canteen, the Digital Forum, Seine Innopolis and two accelerators Fast Forward Normandy and NFactory.

The know-how and digital dynamism in Normandy were recognized by the French State in July 2015 with the "French Tech" label. Normandy French Tech is driven by the conurbations of Caen, Rouen and Le Havre and aims to enhance the digital vitality of the region, federate different structures related to the sector and create a model of development and knowledge sharing for the territory.

INNOVATION, RESEARCH & DEVELOPMENT

▲ GREYC LABORATORY

(www.epaymentbiometrics.ensicaen.fr)

220 members covering all research and academic skills in the field of computer science, electronic and electrical engineering in Normandie. Areas of expertise : Modeling and analysis of algorithms, information security, decision support and data mining, image and signal processing and analysis, human language and document technologies, identification and control, microelectronics, instrumentation and sensors.

▲ LAMIPS LABORATORY

Laboratory of Physics of semiconductors and Microelectronics is a partnership between scientific institutions and professionals. It works on issues related to the adoption of new integrated complex systems, including System-in-Package and Systems-on-Chip systems.

▲ LITIS

The Computer, Information Processing and Systems Laboratory (LITIS) is a research unit in the field of information science and technology.

▲ CIMAP

(<http://cimap.ensicaen.fr/>)

Multidisciplinary research laboratory involving laboratories and the university of Caen with a dedicated team for the study of Integrated Nanostructures for Microelectronics and Photonics.

▲ IRSEEM

(www.esigelec.fr/en/research-institute)

The Embedded Electronic Systems Research Institute has developed collaborative research with its partners and technology transfers to regional sectors in the automobile, aviation, electronics, telecommunications and energy industries. These activities are focused on a theme which is important for all these industries - embedded systems.

▲ CIREVE

(<http://www.unicaen.fr/cireve/>)

The Interdisciplinary Center for Virtual Reality is a technological platform of the University of Caen Normandy working on the promotion and support of the use of virtual reality in research.

TRAINING



▲ NORMANDY UNIVERSITY (www.normandie-univ.fr)

2050 research professors and 70 000 students. Different bachelor to Phd programs on computer science.



▲ ENSICAEN ENGINEERING SCHOOL (www.ensicaen.fr)

780 students. 5 departments: Computer science - Electronics & applied physics - Material science & chemistry - Mechanical & material engineering - Industrial Engineering.



▲ ESIGELEC (www.esigelec.fr)

Engineering school - Architecture and security of networks, Big Data for digital conversion, digital services...



▲ INSA (www.insa-rouen.fr)

Engineering school - Architecture of information systems, Masters in computer technologies, information and engineering systems, specialty treatment of multimedia information, PhD computing systems...



▲ CESI EXIA (exia.cesi.fr/ecole-informatique-rouen-mont-st-aignan)

School of computer engineers - Engineer 1st cycle, engineer 2nd cycle specialty computer software or networks.

PÔLE TES	<h1>150</h1> <p>Active Members</p>	<h1>255</h1> <p>Certified projects</p>	<h1>650</h1> <p>Millions euros Invested in R&D</p>
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SERVICES & SUPPORTS



▲ E-SECURE TRANSACTIONS CLUSTER (Pôle TES - www.pole-tes.com)

Recognized nationally by companies and laboratories as a major actor in the digital landscape, this R&D cluster aims to be the benchmark for innovation in high digital technology in the areas of health, the community, the tourism and the agriculture.



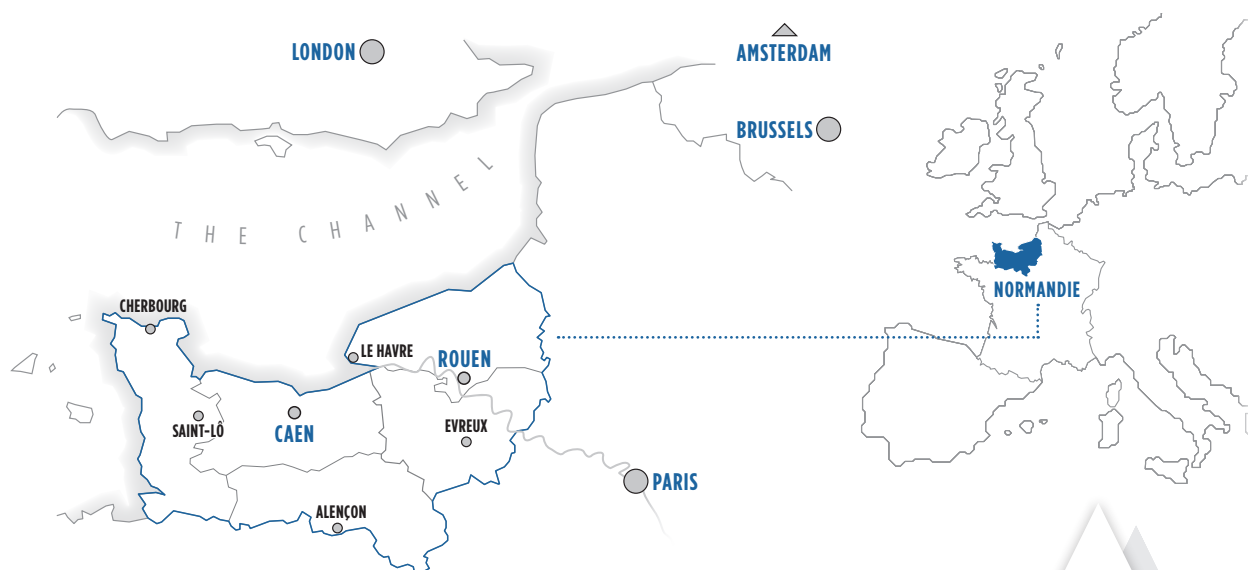
▲ #NWJX (www.nwx.fr)

Association of web and digital entrepreneurs that currently brings together more than 90 member companies. Its goal is to bring together digital networks for business purposes.



▲ AD NORMANDIE (www.adnormandie.fr)

AD Normandie (regional agency for economic development) works closely with companies for improving local competitiveness. **Representative of Business France Invest** in Normandy, AD Normandie extends a whole range of services to foreign investors setting up their businesses in Normandy.



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