ADDRESSING THE HEALTHCARE CHALLENGES AHEAD: BRETAGNE'S STRENGTHS AND CAPABILITIES

Diagnostic and therapeutic technology

- Diagnostic and interventional medical imaging
- Medical devices
- Computer-assisted medicine/surgery

A forward-looking and innovation-driven sector devoted to the medicine of tomorrow, drawing on acknowledged regional expertise.

- ✔ Over 80 companies*
- ✔ Cutting-edge academic research
- ✔ A centre for clinical investigation and technological innovation (diagnostic and therapeutic devices)
- ✔ Medical imaging platforms
- ✔ A hospital-university federation to develop pioneering health technologies (TECH SAN)
- ✔ "Livings labs" for co-creating and exploring new ideas with users
- ✔ The innovation clusters "Images et Réseaux" and "Atlanpole Biotherapies"

Biotech/pharma new therapeutic approaches

- Development of therapeutic molecules
- Innovative Preclinical and clinical services
- Manufacture and distribution of pharmaceuticals

Bretagne is France's 3rd ranking region for biotechnology** – our region has specialist skills and knowledge in genetics, bio-markers, and the exploitation of marine biomolecules.

- ✔ Around 60 companies*
- ✔ Contract Research Organizations including Europe's leading early stage clinical research centre in Europe
- ✔ 2 clinical investigation centres
- ✔ 3 biological resource centres
- ✔ A network of core facilities for life sciences
- ✔ A hospital-university federation for cancer care (CAMIn)
- ✔ Structured research on multifactorial disorders in conjunction with Inserm (TramWest)
- ✔ The Capbiotek network
- ✔ The innovation cluster Pôle Mer Bretagne Atlantique for the exploitation of marine resources
- ✔ The innovation cluster Atlanpole Biotherapies

Prevention / health nutrition

As France's leading agrifood region, Bretagne has quickly taken centre-stage in the development of active ingredients and nutritional foods for health purposes.

- ✔ Over 60 companies*
- ✔ Subsidiaries from the food industry specialising in health nutrition
- ✔ Structured research and clinical research in food, metabolism and prevention of pathologies (NAMS).
- ✔ A research institute in health, environment and work (IRSET)
- ✔ An innovation cluster specialising in food (Valorial)

- Prevention: development of active ingredients for health, foodstuff for particular nutritional uses and dietary supplements
- Environment: health – prevention of toxicological risks

E-health

The region, 2nd in France for digital technology R&D, has a long and proven track record which has led to a dense network of digital companies working to develop ehealth technologies.

- ✔ Over 50 companies*
- ✔ Expertise in health data analysis (Smart data)
- ✔ The innovation cluster "Images et Réseaux"
- ✔ The b‹›com Technology Research Institute specialising in digital technology including connected health and augmented healthcare

- Telemedicine
- Connected health devices
- Big data
- Assisted living

Lannion
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Guingamp
Saint-Malo
Brest
Saint-Brieuc
Quimper
Rennes
Fougères
Vitré
Lorient
Vannes
Redon