



nantes

saint-nazaire

THE FUTURE
OF HEALTHCARE
IS IN **NANTES**

WELCOME TO THE LAND OF THE BOLD!

Nantes and Saint-Nazaire: a vibrant region only two hours from Paris. Today more than ever, these cities are taking off, and invite modern-day Jules Vernes: entrepreneurs, visionaries, and seekers of a high quality of life to join their chosen land.



66

Nantes, European Capital of Innovation in 2019

THE COMPANIES ALREADY HERE:

VORWERK - MAN - GROUPAMA - SIGMA - AIRBUS - CHANTIERS DE L'ATLANTIQUE - IBM - EUROFINIS - SOPRA STERIA - TOTAL - CAPGEMINI - ACCENTURE - DOCTOLIB - ARMOR - IADVIZE - DAHER - VOYAGES SNCF - NAVAL GROUP - TIPIAK - BÉNÉTEAU - BN... AND MANY MORE!



THE BIGGEST FRENCH PORT HUB ON THE ATLANTIC SEABOARD



NANTES SAINT-NAZAIRE

Airport connected to more than 80 international destinations

800,000
inhabitants
1 million by 2030



NANTES No.1

in France for quality of life
L'Express - september 2019



SAINT-NAZAIRE 2ND CITY

of less than 250,000 inhabitants in terms of economic attractivity
Le Point - june 2019



65,000
students



NANTES 2ND GREENEST CITY

in France
Observatoire des villes - february 2020



€2.3 BILLION
of public investments by 2030

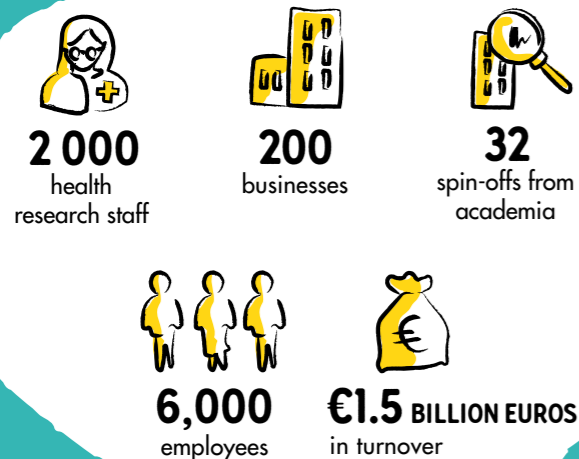
SIX FIELDS OF EXCELLENCE:

- HEALTHCARE
- INDUSTRY: AERONAUTICS AND SHIPBUILDING
- OFFSHORE RENEWABLE TECHNOLOGIES
- DIGITAL
- CREATIVES INDUSTRIES
- WATERSPORTS

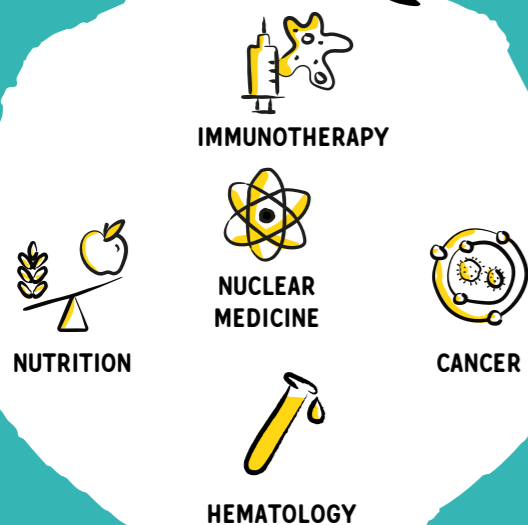
THE HEALTH SECTOR IN NANTES

A dynamic network, with transversality and collaboration between all local actors, makes Nantes' health cluster a national - and European - leader in several specialities.

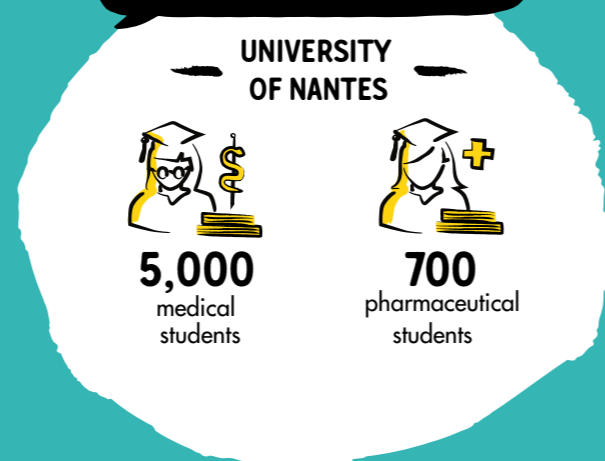
KEY NUMBERS



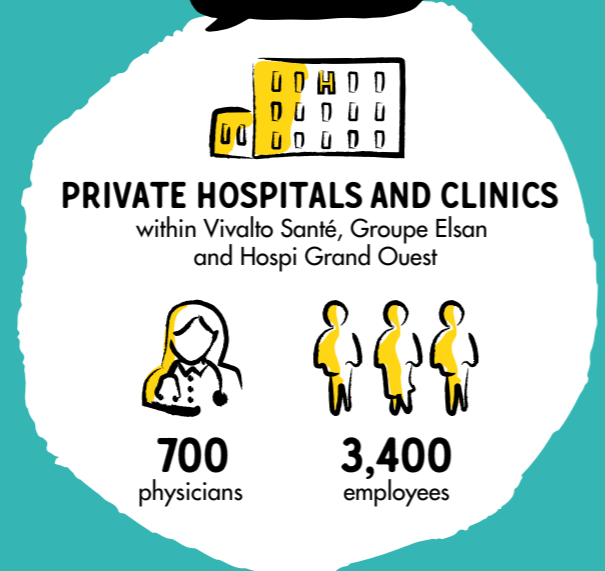
SPECIALITIES



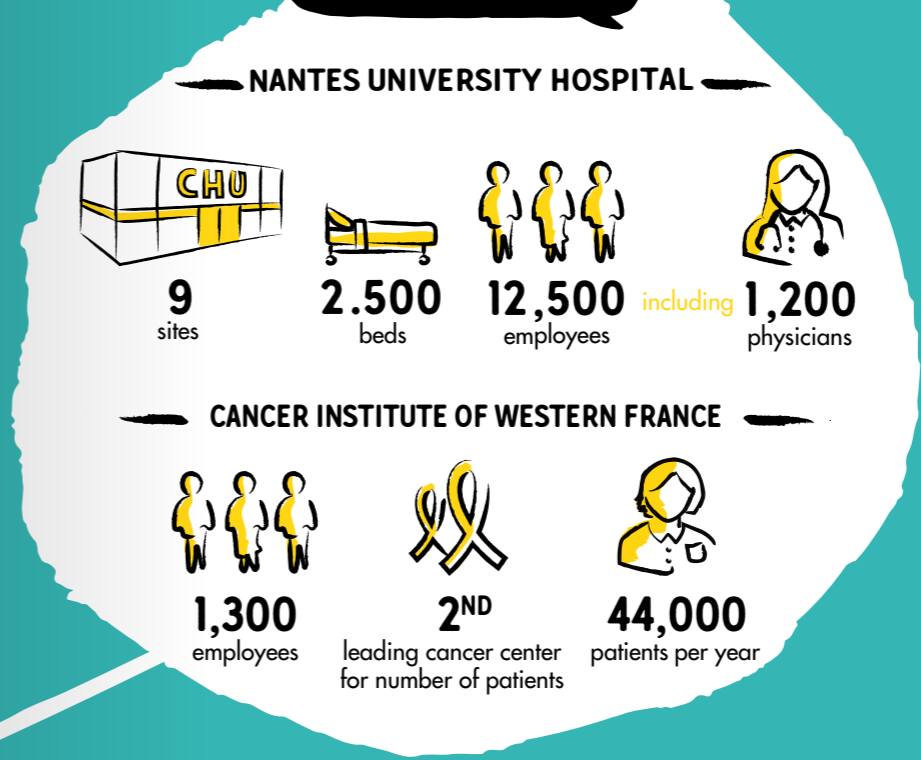
EDUCATION AND RESEARCH



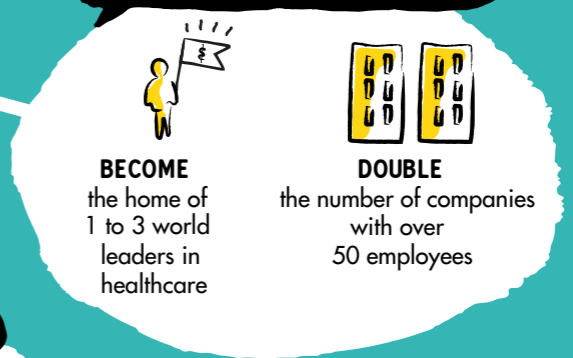
PRIVATE CARE



CARE AND RESEARCH



THE REGION'S 10 YEAR AMBITIONS



ALREADY HERE



SUPPORT NETWORKS

ATLANPOLE
Technopole, Business Innovation Center and regional incubator

ATLANPOLE BIOTHERAPIES
Business cluster of more than 200 members in immunotherapy, regenerative medicine, innovative technologies in biotherapies and radiopharmaceuticals

CREATIVE CARE FACTORY
Community of stakeholders and innovative projects in fields of health, well-being and preventive care

GÉRONTOPÔLE PAYS DE LA LOIRE
Regional network of Silver Economy stakeholders with more than 200 members

CAP ALIMENT
Regional organization for agrifood innovation




THE FUTURE HEALTH DISTRICT AND THE NEW UNIVERSITY HOSPITAL

By 2027, the future CHU will be located in the heart of the new Health District, on the Ile de Nantes. More than a new hospital, a genuine hospital-university district will see the light of day with the installation of research entities, campuses, start-ups and innovative companies

- The largest hospital project in France, to be completed by 2027 on the Ile de Nantes
- A new Faculty of Health covering 36,000 sqm, eventually bringing together 7,000 students
- IRS 2020, a new Health Research Institute bringing together multiple teams of academic researchers

- Real estate solutions at the heart of the ecosystem
 - Station Santé, future flagship building dedicated to innovation in the future of healthcare
 - A unique opportunity to set up your business in a place where care, research, teaching and innovation converge



10 HECTARES
of total land area

220 000 SQM

54
operating theatres

€ 1,2 BILLION
of investments

RESEARCH AND EDUCATION: AN OFFER OF EXCELLENCE IN FUTURE HEALTH AND INDUSTRY

A MAJOR CENTER FOR HIGHER EDUCATION

- University of Nantes
- Oniris Veterinary and Agrifood School
- Centrale Nantes
- Polytech Nantes
- Audencia Business School
- IMT Atlantique (Institut Mines-Télécom)
- ICAM (Institut Catholique d'Arts et Métiers)

CUTTING-EDGE RESEARCH TEAMS

- Nantes University Hospital
- University of Nantes
- Western Cancer Institute
- INSERM
- CNRS
- INRAE
- Oniris...



IMT Atlantique and Centrale Nantes
AMONG THE TOP 10
10 best French engineering schools



2 000
health research staff
20 TECHNOLOGICAL PLATFORMS
in Life Sciences

A collaborative approach at the heart of the Nantes way of thinking

Here we do things collectively, thanks to an accessible and interactive ecosystem.

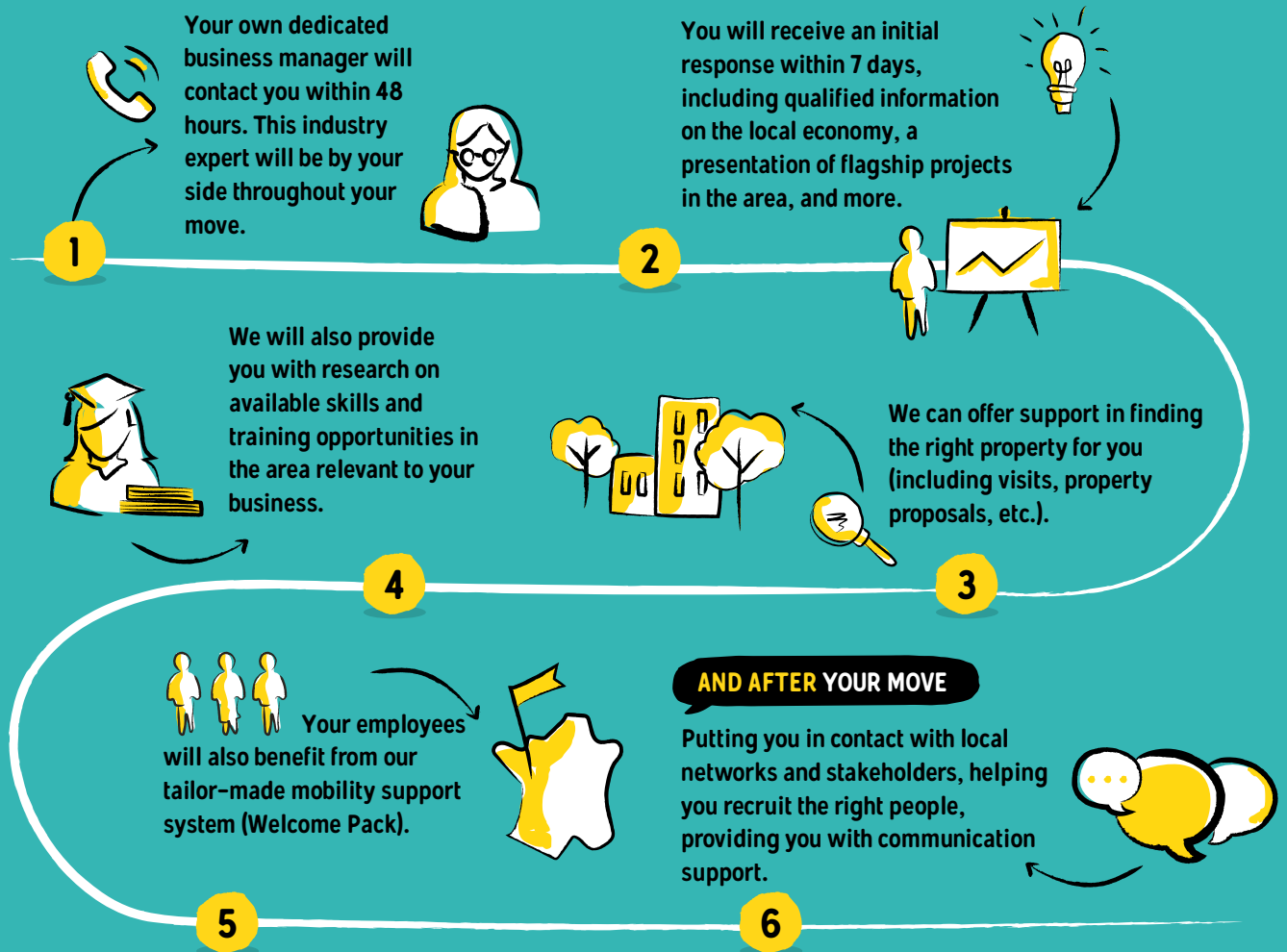


“ Our local roots are essential to the healthy growth of our group, and the environment in Nantes totally supports this dynamic. Nantes has a dynamic and perfectly-sized ecosystem that allows each stakeholder to be identified. Collaborations and partnerships are thus facilitated, particularly thanks to structures such as the Gérontopôle des Pays de Loire, Atlanpole and Nantes Métropole.”

Willy Siret,
Director & Deputy CEO-Operations
LNA Santé, French leader of specialized retirement specialities

ARE YOU THINKING OF STARTING A BUSINESS IN NANTES SAINT NAZAIRE?

WE CAN SUPPORT YOU every step of the way:



YOUR CONTACT:

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NANTES, EUROPEAN LEADER IN **BIO THERAPY** RESEARCH

Over 20 million euros of funds raised, one of the largest upcoming hospital projects in France; the ambitious biotech industry in Nantes is constantly attracting companies looking to develop here.



1,994

clinical trials in progress
at Nantes University Hospital

524

clinical trials in progress at the
Cancer Institute of Western France

Key Figures



1ST

center in France for
early phase clinical trials
in hematology

1ST

center in France for
nuclear oncology

AREAS OF EXCELLENCE

- Cancer / Hematology
- Cardiovascular and thoracic diseases
- Immunotherapy / Transplantation
- Regenerative medicine / Gene and cell therapy
- Nuclear medicine / radiopharmaceuticals

SUCCESS STORIES

- Affilogic
- Clean Biologics
- Charles River Atlanbio
- EFS-Atlantic Bio GMP
- Goliver Therapeutics
- Atlantic Bone Screen
- Coave Therapeutics
- Ose Immunotherapeutics
- Pherecydes Pharma
- Valneva
- Xenothera



““ Testimonial

« Nantes is a city that has many advantages: a network of biotechnology companies, numerous high-level public and university research teams, significant public incentives to help biotechnology SMEs, a quality living environment; all of this while maintaining very accessible operating costs. »

Patrick Champion-Arnaud
Head of production
PHERECYDES PHARMA, Biotech company dedicated to bacteriophages

RESEARCH INSTITUTES AND TECHNOLOGICAL PLATFORMS

CRCINA

The Regional Center for Research in Cancerology and Immunology

SIRIC ILIAD

Integrated Cancer Research Site « Imaging and Longitudinal Investigations to Ameliorate Decision-making »

INSTITUT DU THORAX

Center dedicated to cardiovascular, metabolic and respiratory diseases

ITUN CRTI

The Institute of Transplantation Urology and Nephrology and The Center for Research in Transplantation and Immunology

BIOREGATE

Center of Expertise in Regenerative Medicine

WEST BIOTHERAPY

The European gateway to cell and gene therapy projects

ARRONAX

Cyclotron for the production of radioisotopes in nuclear medicine



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NANTES, LAND OF E-HEALTH OPPORTUNITIES

Digital health, telehealth, telemedicine... In Nantes and Saint-Nazaire, startups are inventing e-health solutions and services for the inhabitants of tomorrow.

Key Figures

Nantes University Hospital research data warehouse



2,3

million patients



130

million data entries



16

million documents

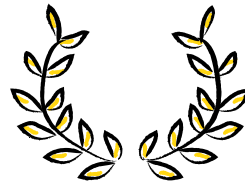
EDUCATION



- **2,000** graduates per year
- **60** courses in digital studies

A DYNAMIC AND RENOWNED STARTUP ECOSYSTEM

- 20 scale-up businesses, almost 400 startups
- Nantes: a pioneer city for the French Tech movement
- La Halle 6: a flagship place for French Tech Nantes



AREAS OF EXCELLENCE

- Artificial intelligence
- Data science
- Genomics / Bioinformatics
- Digital engineering



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Testimonial

« Two main reasons favored our choice to settle in Nantes: the proximity to Paris and the partnership with the University Hospital, which is the perfect size to allow it to remain agile. As a dynamic and efficient hospital, it provides excellent support for the companies with whom it collaborates. »

Camille Marini
Technical Director of Machine Learning Platform
OWKIN, AI for medical research

SUCCESS STORIES

- DirectoSanté
- Doctolib
- Hera-MI
- Keosys
- Kiplin
- Logicmax
- Owkin
- Philips Healthcare
- Valwin
- Octopize Mimethik Data
- Weliom
- Sigma

RESEARCH INSTITUTES AND TECHNOLOGICAL PLATFORMS

LS2N

The laboratory of digital sciences

CAPACITES IA

Scientific expertise in artificial intelligence from the University of Nantes

HEALTH DATA HUB

Nantes University Hospital research data warehouse



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AN AREA OF EXPERIMENTATION IN HEALTH AND NUTRITION

Startups, leaders in the food industry, research institutes, Food Technocampus, France's 2nd largest wholesale food market ... The greater Nantes Saint-Nazaire area has all the necessary ingredients to design, produce and test the food innovations of the future.



North West of France
1ST
agri-food basin in Europe

2nd
largest wholesale food
market in France

Key Figures



EUROFINS
GLOBAL
No. 1
in agri-food analysis

GEPEA LABORATORY:
Top 12
in global research
on microalgae



AREAS OF EXCELLENCE

- Diseases of the digestive system
- Clinical nutrition / Microbiota
- Food safety
- Microalgae

SUCCESS STORIES

- AlgoSource
- Biofortis
- Cargill
- Eurial
- Eurofins
- Foodinnov
- Jefe Nutrition
- Laboratoires Humeau
- Olmix
- Phosphotech



One major industry event: NUTREVENT

- The 1st European business convention dedicated to innovation in Food, Nutrition and Human and animal health
- In Nantes every 3 years:

1ST edition in Nantes in 2022

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Testimonial

“Being located in Nantes is ideal. The North West region of France gathers 60% of the French food industry. Industry, researchers, designers ... the entire chain is represented. When our customers come here, they leave with an image of dynamism and creativity!”

Vincent Lafaye
CEO
FOODINNOV, French leader in innovation for food and nutrition

RESEARCH INSTITUTES AND TECHNOLOGICAL PLATFORMS

IMAD

The Institute of Digestive Diseases

ONIRIS

National veterinary and agri-food school

INRAE

National Institute for Agronomic Research and the Environment

MIBIOGATE

Microbiota research consortium

GEPEA

Environmental and Agrifood Process Engineering Laboratory

ALGOSOLIS

R&D platform dedicated to the industrial exploitation of microalgae

TECHNOCAMPUS ALIMENTATION

Innovation platform for key stakeholders in the food industry