



THE RESEARCH AT LA ROCHELLE UNIVERSITY

C. Inard, Vice-Rector for Research

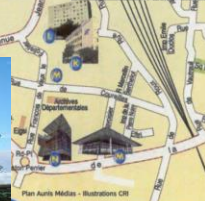
A nice place to live

Research - a cohesive site

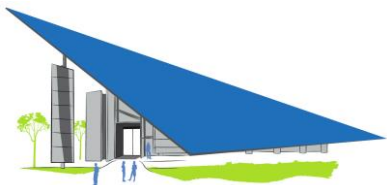
Structuration of a scientific policy focused on a specialization



Learning, Doing Research, Innovating



A city of exception



www.univ-larochelle.fr

Minimes harbour

A story

Just 30 years of scientific policy: It's still young!

- **1993** Creation of La Rochelle University
- **2006** Creation of the laboratory Littoral, Environment and Societies (LIENSs)
- **2008** The first labels by CNRS 
 - FREDD, FR 3097 CNRS (Sustainable Environmental Research Federation)
 - LIENSs, UMR 7266 CNRS
- **2009** The University gains autonomy
- **2014** Continuation of CNRS contractualization
 - Integration of the Centre for Biological Studies of Chizé, CEBC UMR 7372 CNRS
 - New CNRS Laboratory of Engineering Sciences for the Environment, LaSIE, UMR 7356 CNRS
- **2015** Definition of the main orientations of the research policy around transitions and social challenges
- **2016** A new team: Continuity and dynamics of transformation
- **2019** *Creation of Smart Sustainable Urban Coast Institute*
- **2021** *Set up of Smart Sustainable Urban Coast Institute*

Former La Rochelle University Organization

8830 Students

**Faculty of
Sciences and
Technology
3450 Students**

**Faculty of Law and
Management
Sciences
2140 Students**

**Faculty of Arts and
Human Sciences
2140 Students**

**University Institute
of Technology
1100 Students**

Current La Rochelle University Organization

Smart Sustainable Urban Coast Institute

Graduate School

**Master's
Degree
1350 Students**

**PhD
230 Students**

**Research
Units
374 Staff**

**Faculty of Law
and Management
Sciences
Master's Degree
550 Students**

Collegium

**Batchelor's degree
5830 Students**

**University Institute
of Technology
1100 Students**

A rich and differentiated scientific policy

Enthusiastic people at the service of research

Human resources, budget, framework: a brief map

*488 Full time researchers,
engineers, technicians, PhD...*

*234 Teachers-researchers
(66 PR, 168 AP)*

*38 CNRS Researchers
(14 senior, 24 junior)*

*103 Technical and
Administrative Staff in support
of research*

230 PhD students

A budget of 31.2 M€/year with payroll

*6 M€/year without payroll with 80% on
projects*

10 Laboratories - 3 UMR CNRS

5 Research Federations CNRS

1 Observatory UMS CNRS

2 Joint Laboratories

1 PhD School EUCLIDE

56 PhD defences /year

Research units: Laboratories, federations, observatory

➤ LRUniv Laboratories

➤ Asian Dynamics, Interactions, Interculturality (D2iA)

- New silk roads, representation socio-political and artistic, linguistics and discourse

➤ Centre of Biological Studies of Chizé (CEBC)

- Impact of global changes on biodiversity : Mammals, birds, reptiles and amphibians, in terrestrial or oceanic environments

➤ Center for International Studies on Romanity

- Common culture spread throughout the Mediterranean Basin at the time of the Roman Empire (foundations and transmissions)

➤ Centre for Legal Studies of La Rochelle (CEJLR)

- Environment and territory, changes in the justice system, society's challenges

➤ Management Research Centre (CEREGE)

- Digital, governance and sustainable development, public management and society, marketing, information system and business intelligence

➤ Research Centre for International and Atlantic History (CRHIA)

- Flows of people (connections and reconfigurations), dynamics of alterity (representations and governance of cultural and religious groups)

Research units: Laboratories, federations, observatory

➤ LRU_{univ} Laboratories

➤ Computer Image and Interaction Laboratory (L3I)

- Digital documents, data mining, internet of things, artificial intelligence, big data

➤ Laboratory of Engineering Sciences for the Environment (LaSIE)

- Environmental engineering, mass and energy transfers in materials and inhabited spaces, material design and behaviour, corrosion



➤ Littoral, Environment and Societies Laboratory (LIENSs)

- Societal challenges (coastal ecosystem, coastal erosion, climate change, attractive space, sustainable management, living species bioprospection, historical perspectives)

➤ Mathematics Images and Applications (MIA)

- Applied geometry, partial differential equations, computer visio, deep learning algorithms, mathematical engineering

➤ Observatory

➤ Observatory for the conservation of marine mammals and bird (PELAGIS)

- Ecology and conservation of marine mammals : long-term monitoring to support scientific research on marine megafauna

Research units: Laboratories, federations, observatory

➤ Joint Laboratories

➤ Energy and Environmental Efficiency of the Envelope and Cities (4ev Lab)   

➤ Information, Communication and Technology Laboratory (ICT Lab)    

➤ Research Federations

➤ Sustainable Environmental Research Federation (FREDD)  

➤ Institute for Research on Urban Sciences and Techniques (IRSTV)  

➤ Mathematics and Interaction, Images and Digital Information (MIREs)  

➤ Research Mathematics Federation (MARGAUx)  

➤ International Consortium on Eco-conception and Renewable Resources (INCREASE)   

Distribution of Research Resources

(48%, 55%)*

Environmental Transitions

- Environmental risk: Submersion and erosion of the coastline
- Biodiversity and ecosystem services
- Social impacts, population migration



(18%, 21%)*

Energy Transition and Sustainable Building and Structure

- Eco-efficiency in urban areas
- Sustainability of materials and structures
- Social and environment impacts



Social Transitions

- Migratory flows, identities and otherness
- Law and Insurance, Law et justice

(10%, 5%)*



Digital transformation

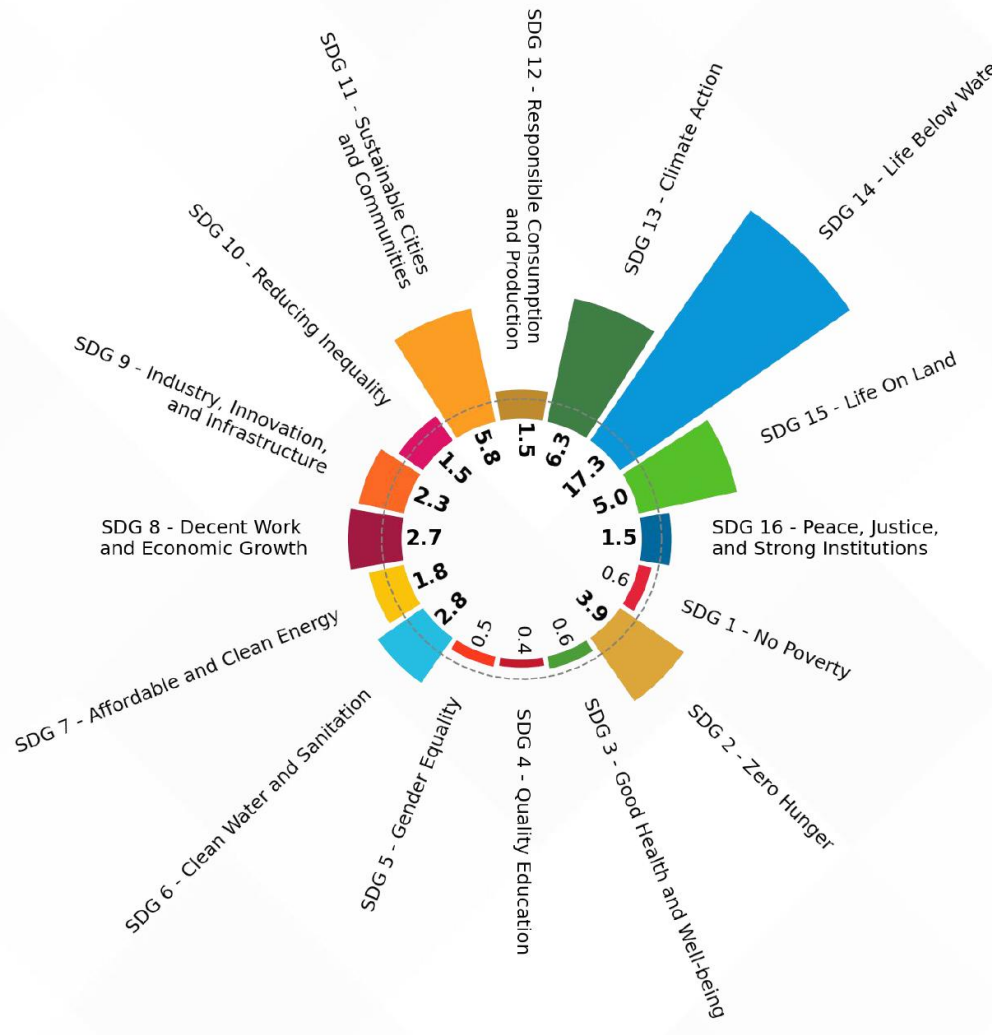
- Dematerialization and the exploitation of digital resources
- Digital security
- Digital imaging
- Digital humanity

(24%, 19%)*



* (ETPR, Pub. Rank A)

Research concerning SDG-related Topics at LRU



**Specialisation Index with respect to French Higher Education Institutions
(2014-2019)**



THANK YOU FOR YOUR ATTENTION