

Case study #5 : An institutional case study

Sorbonne University: **An Engine** **for Change with confidence**

Collège de France – Friday, November 5th



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1) Recreating the Renowned Sorbonne University



A NEW UNIVERSITY WITH A CENTURIES-OLD TRADITION

Combining Humanities, Sciences and Medicine

In Education:

- **52,000 students**,
of which **10,200** are international
- **53 bachelor's degrees**
of which **19** are bi-disciplinary
- **196 master's degrees**
with more than **39 international specializations**

In Research:

- **3,300 academic researchers**
- **3,100 partner researchers**
- **175 research structures**
- **3,740 doctoral students**

+ 3,600 administrative and technical staff



ENGAGING WITH SOCIETY BY ASKING THE BIG QUESTIONS

Extending Our Scope: the Sorbonne University Alliance



→ In Social Science
& Business



→ In Performing Arts



→ In Technology



→ In Natural & Participative
Sciences



→ In International Pedagogical Studies
& French as a Foreign Language

In partnership with national research organizations:



Responding to the Challenges of the 21st Century

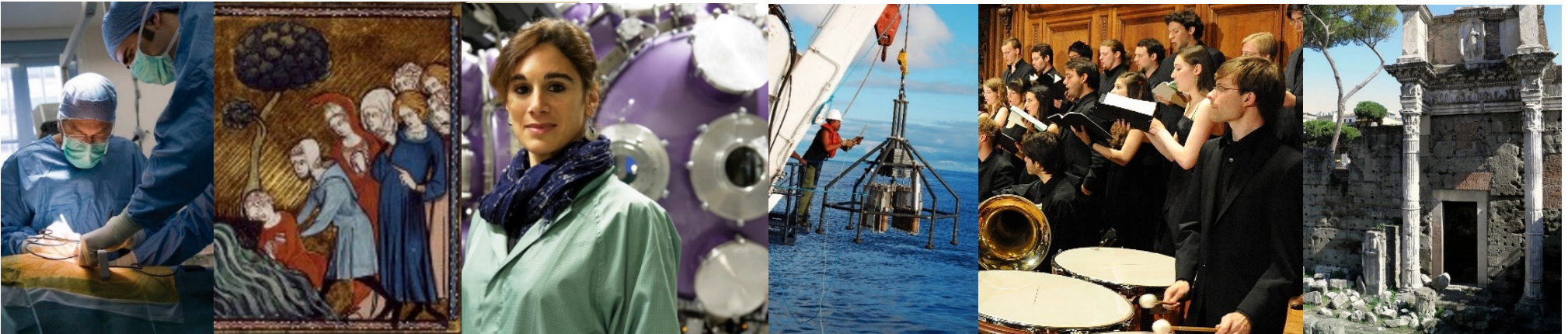
- **A world-class, research-intensive university**
- **Bringing together a broad range of arts, humanities, social sciences, natural sciences, engineering and medicine**

Priorities of our strategic plan

- **An international player**
- **A leader in digital transformation & data**
- **Where research, education and innovation are structured to support one another**

SFRI and IDEÉS projects : adapt our institution to 21th century requirements and to enhance our tools and abilities

2) Research deep in the domains and across disciplines



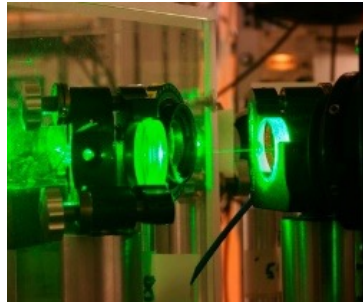
In partnership with national research organizations:



Institutes

**Interdisciplinary
research
results in more
innovation.**

**Sorbonne
University
Institutes
are designed
to face the
challenges of
today's society.**



**QICS: The Quantum
Information Center
Sorbonne**



**ICDS: Institute for
Computing & Data
Science**



**SCAI: Sorbonne
Center for Artificial
Intelligence**



**iMAT: Materials
Science Institute**



**Engineering for
Health**



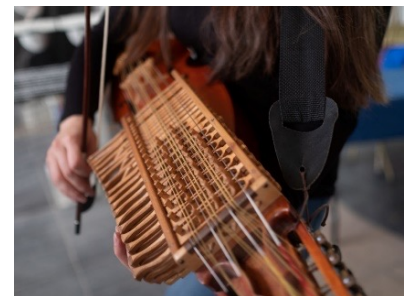
**Heritage
Transmission**



**Environmental
Transition**



The Sea Institute



Collegium Musicae

Initiatives

**Biomedical
Humanities**

**Health
Economics**



Biology

**Biodiversity,
Evolution,
Ecology and
Society**



**Science
of Antiquity**

Theater

Gender

**Europe &
Interculturality**



**Physics
of the Infinite**

**Molecular
Science and
Engineering**

**Mastering Safe
& Sustainable
Technology**



More Personalized Doctoral Programs

- **Training through practice of original research, as a first professional experience**
- **Individualized courses** to ensure a skill set adapted to executive positions as well as research
- **Innovative doctoral programs for emerging job profiles:** combining science or medicine with social sciences or business

- 23 DOCTORAL SCHOOLS
- 3,740 DOCTORAL CANDIDATES
- MORE THAN 300 ARE CO-SUPERVISED
- 750 PHDS AWARDED EACH YEAR



End-to-End Knowledge and Technology Transfer

- **Maturing and licensing
for researchers, students
& alumni: Lutech**
- **Startup incubators: Agoranov**
- **Venture capital: Quadrivium**
- **The FabLab**
- **Training students and staff
in entrepreneurship**
- **Gathered in Paris Parc,
an innovation center in 2022**



- **100 PEOPLE** WORKING TO TRANSFER RESULTS TO SOCIETY
- **580 PRODUCTS & SERVICES MATURED AND 35 MILLION EUROS** AT LUTECH SINCE 2013
- **MORE THAN 1000** PATENT FAMILIES
- **260 STARTUPS CREATED** SINCE 2010, WITH **170 BY ALUMNI**
- **R&D PARTNERSHIPS WITH 1,400 COMPANIES**

3) Education in a Larger Context



Promoting Informed, Active Citizens

Research-based programs, learning to learn, development of critical thinking, autonomy, and creativity:

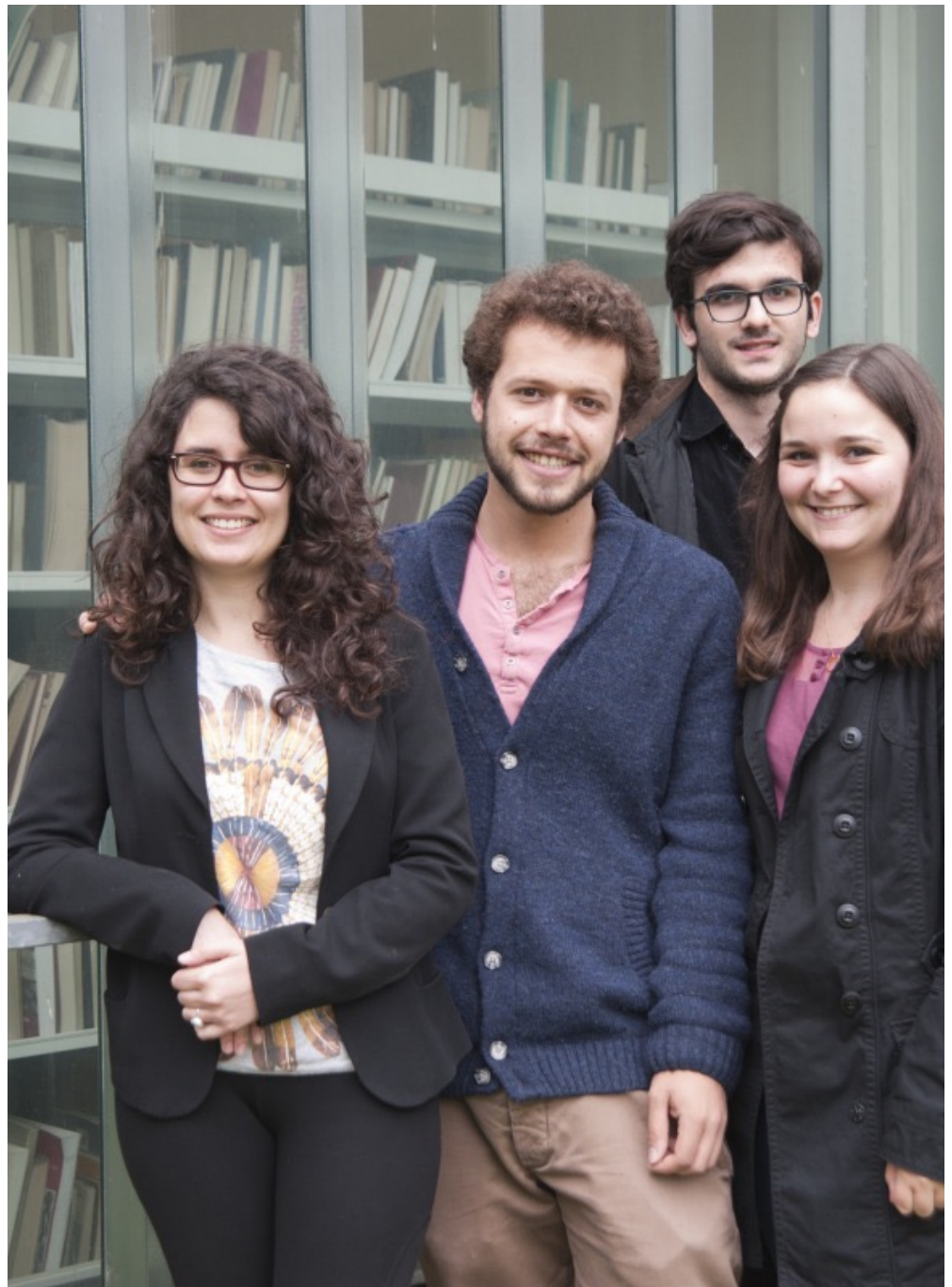
Bachelor's Degrees adapted to a diverse student body:

- a **single area** of study
- a **major/minor** program
- a reinforced **double major**

Research-based Master's Degrees:

- **Practical skills**, enterprise & international experience
- Engineering master's in **industry-leading sectors**

Life-long Learning designed to help adults renew, redefine and refocus their skills and employability



STUDENTS FIND THEIR PERSONAL FORM OF EXCELLENCE

Student Life in the Heart of Paris

- **International Student Reception** Office in each faculty
- **French as a foreign language** and other language-learning opportunities
- **Support for student initiatives** and events with **165 student associations**
- **Adapted degree programs for high-level athletes and artists**
- **A wide range of sports and cultural** activities available
- **Reinforced student grants**
- The **Sorbonne Student Job** program
- **Housing opportunities** at the Cité Internationale Universitaire de Paris and other facilities



SHARED AND INTERCONNECTED SPACES

Supporting an International Outlook

- **9 Masters programs in English**
- **Student mobility grants:**
for **inbound** and **outbound** mobility
- **International Schools:**
short-term programs with partners
- **Professor, researcher & staff
inbound and outbound mobility:**
Support for faculty and researchers
for periods of one to 12 months



STUDENT AND RESEARCHER MOBILITY IS A PRIORITY

4) In Service to Society and an International Player



Public Outreach

→ A diverse range of **programs and lectures** to help the public understand the important challenges in society today and to build bridge between research and society

- **The Science Festival**
(Fete de la science)
- **Les Festives**
- **My Thesis in 180 Seconds**
- **House for Science**
- **Partnership with France Culture and the 1**



WELCOMING ELEMENTARY SCHOOLS INTO THE UNIVERSITY

Building a Sustainable World Together

As a graduate of Sorbonne University,
you can contribute to the development of
the network, careers, research and
success of all members of the community.

Our 400,000 alumni can benefit from:

- Clubs based on location, profession, themes or academic domains
- Career and training, such as experience sharing, professional insertion, coaching.
- Development of research and innovation projects



**CURRENT STUDENTS ARE ALREADY PART
OF THE SORBONNE UNIVERSITY ALUMNI COMMUNITY**

The Sorbonne University Foundation

- Supporting the development of concrete solutions to major societal issues
- Launched in 2018, the “Welcome to the Future” campaign goal is to raise €100 million
- 50 students have been supported by the “Passport to a Master’s” scholarship



ACTIVELY SUPPORTING UNIVERSITY GOALS

Committed to Europe

- **Sorbonne University is the best performing university in France for participation in the Horizon 2020 European program**
- **Core participant in 3 of the 8 Knowledge and Innovation Communities (KIC): EIT Digital, EIT Climate & EIT Health**
- **Headquarters of the European Marine Biological Resource Centre with 14 marine stations in nine European countries**
- **Active in the development of EU policy and the support of the European Research Area's priorities**



A Founding Member of a European University:

→ One Vision:

**“A strong Europe, open to the world, is our common horizon,
and our first responsibility is to form the next generation
of citizens to face and solve global challenges.”**

→ Six European Institutions in:

- Copenhagen
- Paris
- Heidelberg
- Prague
- Milan
- Warsaw

We will create a **space of free circulation** of students,
researchers, staff and ideas among our institutions.



Strategic university partnerships



INDIANA UNIVERSITY



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

5) Enhancing the administrative and technical departments



The merging allowed to implement :

- **Development of an equitable and efficient human resources policy**
- **A modernised planning and logistic policy**
- **Implementation of a massive digital plan**
- **A sustainable development player**



