



INSTITUT
POLYTECHNIQUE
DE PARIS

Institute of Science and Technology

Serving the major challenges of the 21st century

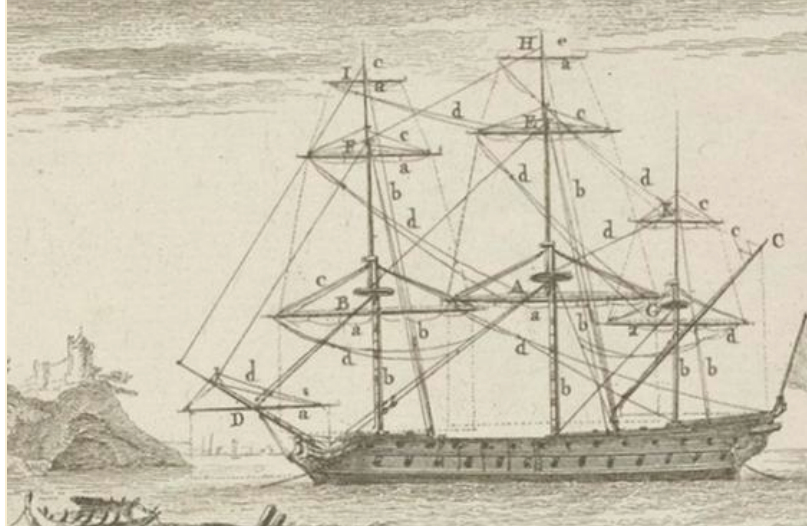


ENST2



Our mission

TRANSFORMING FRENCH SCIENTIFIC AND TECHNOLOGICAL EXCELLENCE INTO A GLOBAL STRATEGIC ASSET



Established in 2019, the Institut Polytechnique de Paris brings together six leading French engineering schools boasting nearly

300
years of excellence

to train those who shape
a better future



**IP Paris promotes
cutting-edge, open science**
at the service of humanity
and sustainable progress



Our strength

**BRINGING TOGETHER
EXCEPTIONAL
EXPERTISE TO
POSITION THE
INSTITUTE AMONG
THE WORLD'S LEADING
INSTITUTIONS IN
SCIENCE AND
TECHNOLOGY**

6 schools



ENPC

Founded in 1747, an engineering school committed to major contemporary issues: ecological transition, mobility, regional planning, economics, and innovation



ENSAE Paris

The French benchmark in statistics, economics, and data science, at the heart of major public and private decisions



École Polytechnique

Since 1794, École Polytechnique has cultivated multidisciplinary, excellence, and a humanistic tradition, combining research, education, and innovation at the highest scientific and technological level



Télécom Paris

The school that has been educating the architects of the digital world for nearly a century: networks, AI, cybersecurity, data



ENSTA

Founded in 1741, ENSTA, France's oldest engineering school, operates in major sovereign sectors: transport, energy, defence, maritime, and healthcare



Télécom SudParis

The school that anchors digital technology in reality, with a commitment to performance, sovereignty, and responsibility

3 *levers*

Education

Training those who will shape the world of tomorrow

Pathways of excellence to train those who will understand, support, and lead major transformations

Research

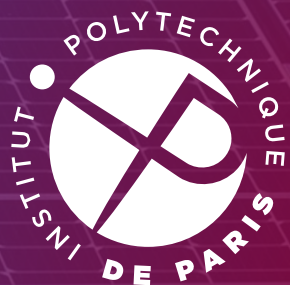
Advancing science

Scientific activity resolutely focused on major challenges, based on interdisciplinarity, research, and real-world experimentation

Innovation

Translating knowledge into direct impact

Solutions for progress, through public-private collaborations, chairs, incubators, startups, and bridges with the economic world



**INSTITUT
POLYTECHNIQUE
DE PARIS**

**A WORLD-CLASS INSTITUTE
OF SCIENCE AND TECHNOLOGY**

A MAJOR **SCIENTIFIC AND TECHNOLOGICAL PLAYER** IN INTERNATIONAL COMPETITION

11,300

students

43%
international

96%

graduate employment rate
at 12 months

2,000

faculty and
research staff

41%
international

+100K

alumni worldwide
and across all strategic
sectors

10

unicorns founded and/or
led by an Alumnus from
our schools

6

Nobel Prizes

4

Fields medals

300

partner companies

WELL POSITIONED IN THE WORLD RANKINGS



WUR 2027



THE 2026



ARWU 2025



2

2

9

+5 vs 2024

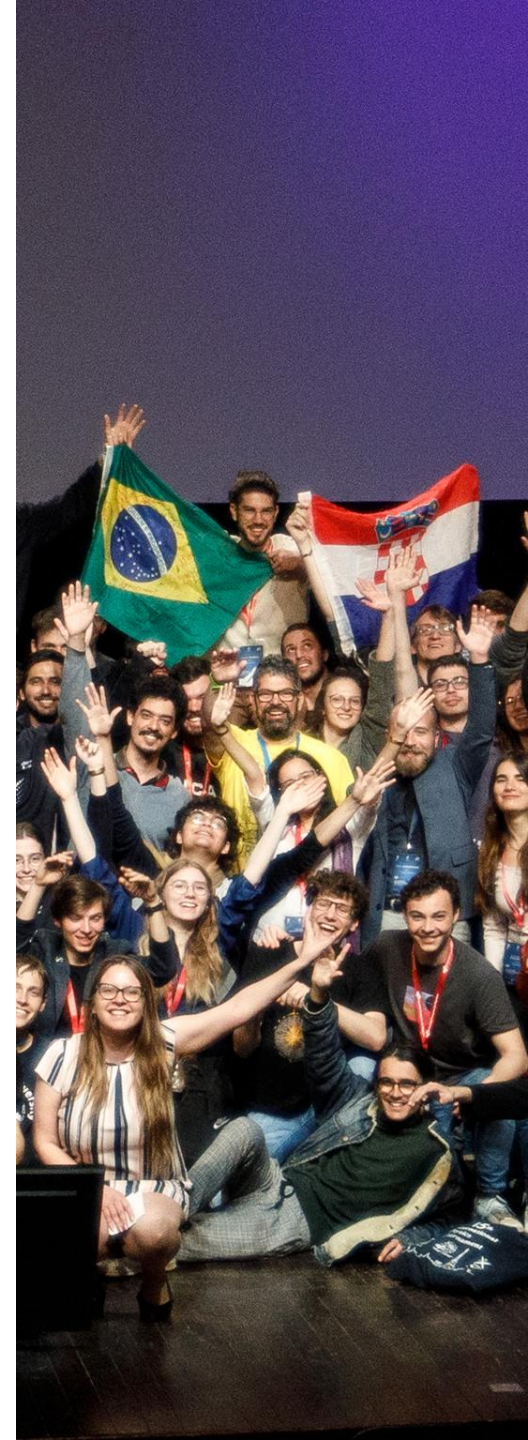


43

68

224

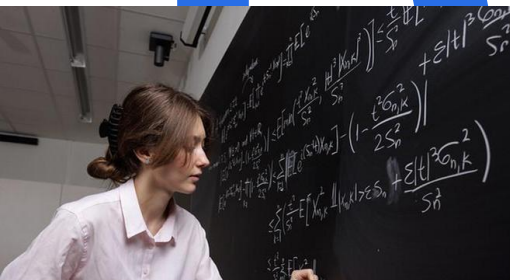
+99 vs 2024



10

Departments OF EDUCATION AND RESEARCH

The academic foundation of IP Paris, they bring together the schools' disciplinary strengths and structure the scientific offering across the Institute



MATHEMATICS



PHYSICS



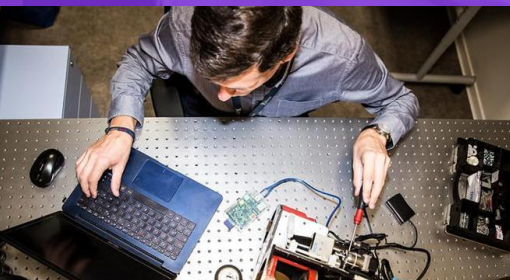
MECHANICAL SCIENCE &
ENGINEERING



CHEMISTRY & PROCESSES



BIOLOGY



INFORMATION,
COMMUNICATION
& ELECTRONICS



COMPUTER SCIENCE,
DATA & AI



ECONOMICS



SOCIAL SCIENCES AND
MANAGEMENT



HUMANITIES, ART,
LITERATURE & LANGUAGES

7 *Interdisciplinary Centers*

PROJECTING THIS EXCELLENCE ONTO CONTEMPORARY CHALLENGES

They combine the expertise of our schools to deliver answers to major scientific, technological, and societal challenges



AI & Data

Making AI and data science a world-class scientific, economic, and societal lever



Defence & Security

Placing research at the service of defence and security technological needs



Seas & Ocean

Developing maritime science and technology for the ocean, climate, and sustainable uses



Energy & Climate

Accelerating the energy and climate transition through science, experimentation, and assessment



Engineering for Health

Advancing the convergence of life sciences, engineering, and healthcare to transform prevention, diagnosis, and care



Materials Science

Inventing the materials that will enable ecological, industrial, and technological transitions



Cultural and creative industries

Fostering dialogue between arts, sciences, and imaginations to design new uses and narratives

€30M

in philanthropy raised from private partners for the interdisciplinary centers since 2019

A THREEFOLD AMBITION



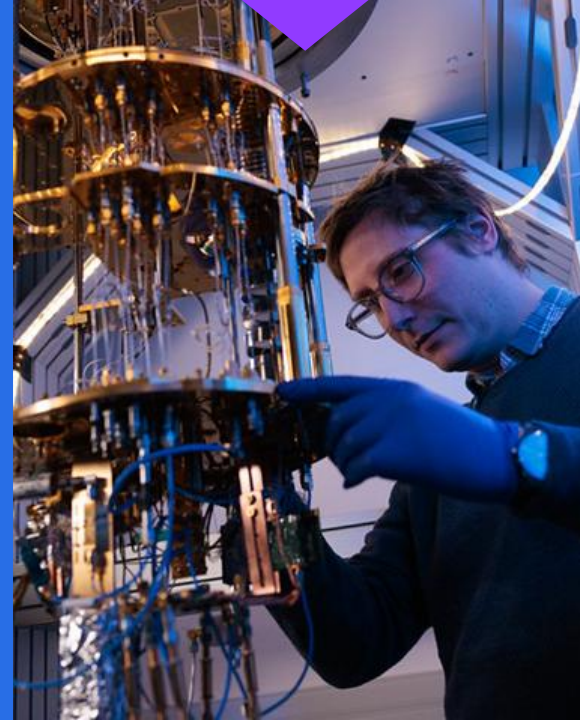
To advance science and technology

- Research
- Innovation



Training those who will shape the world of tomorrow

- Education



Creative and sharing with our partners

- International outreach
- Corporate partnerships
- At the heart of the plateau de Saclay



AN EDUCATION OF EXCELLENCE, ANCHORED IN SCIENCE AND FOCUSED ON IMPACT

Engineering, research, major corporate groups, startups and public service: whichever path they choose, IP Paris equips its students to understand the complexity of the world and empowers them to make an impact at the highest level

28%

of CAC 40 CEOs
are graduates of our schools

33%

of French unicorns founded
by our alumni

80

Presidents and former Government
Ministers graduated from our schools

350

members of the
Academy of Sciences

135

members of the Academy of
Technologies



A COMPREHENSIVE PROGRAM OFFER **TO TRAIN** **HIGH-LEVEL TALENT**

From bachelor to PhD

A continuum of programs backed by the excellence of the member schools and IP Paris laboratories, with major involvement from faculty members at every level



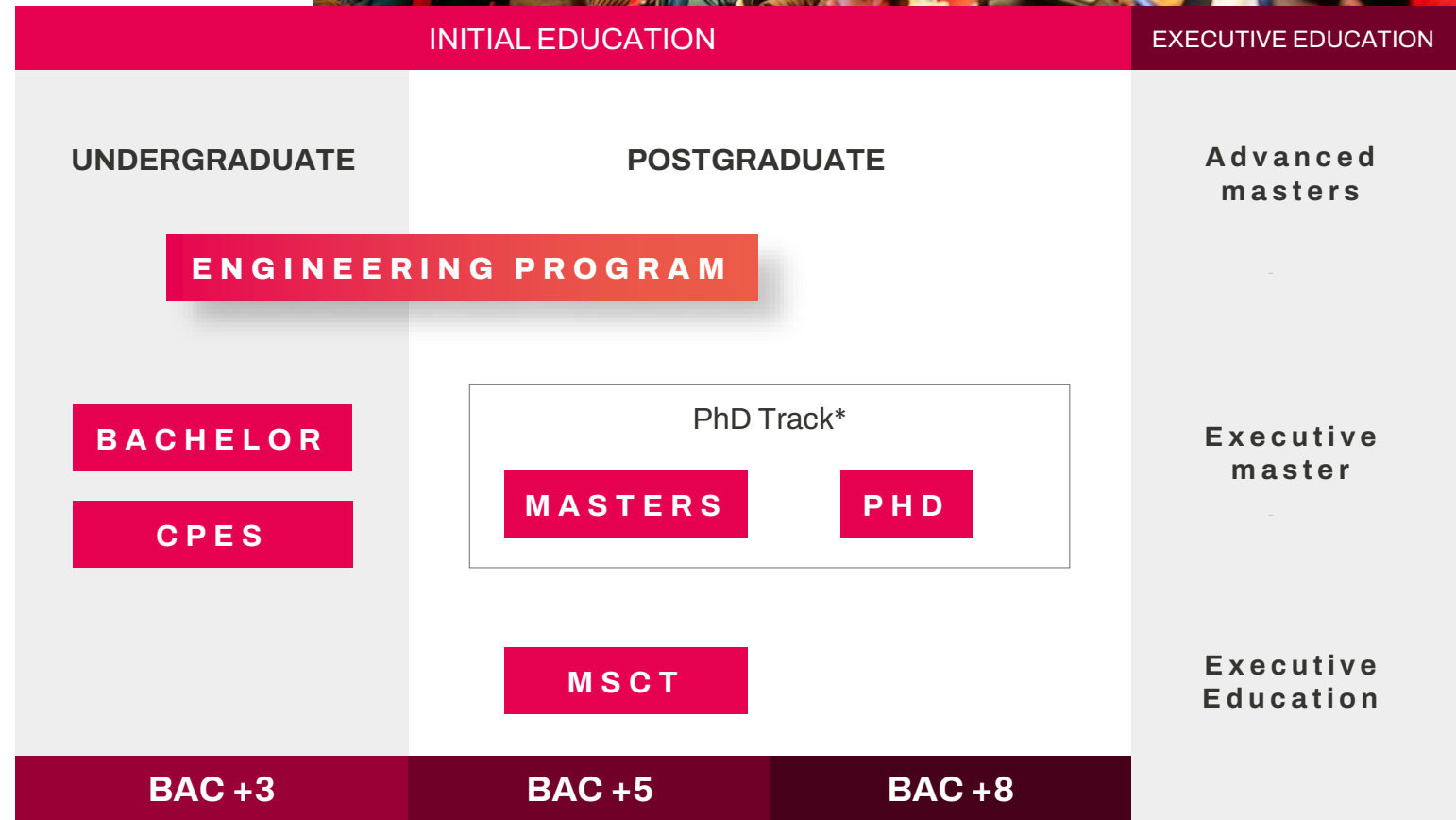
+96%

of graduates find a job
related to their training
within 12 months

Expertise serving all major transformations

Energy and climate – Technological sovereignty – Defence
Cybersecurity – Quantum – Robotics – Artificial intelligence
Data science – Bioengineering – Health, etc.

*PhD Track: an integrated 5-year program from Master's to PhD, designed to train high-level researchers





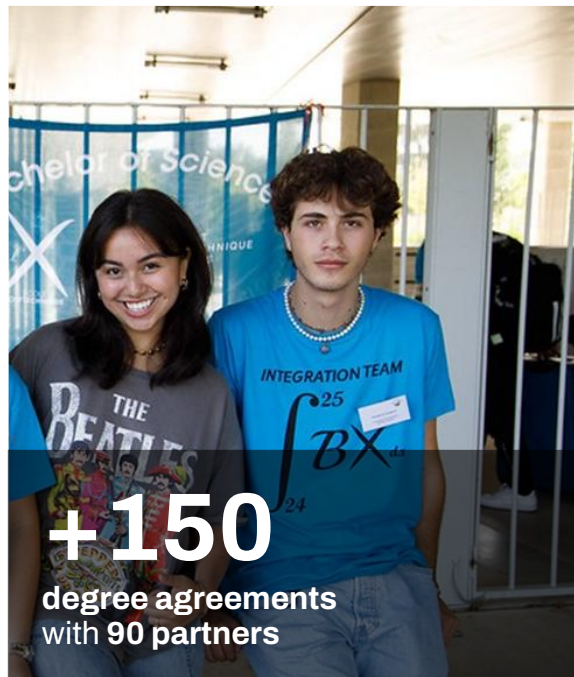
A UNIQUE STUDENT EXPERIENCE, BOTH **INTERNATIONAL AND UNIFYING**

An environment designed to attract,
welcome and nurture the best talents



43%

international students and 54%
within the Graduate School



+150

degree agreements
with 90 partners

An environment fostering cohesion and exchange



400

clubs and associations



70

sports activities
and one of the best-equipped
campuses in France



THE GRADUATE SCHOOL, AN INTEGRATED ACADEMIC MODEL, FROM MASTER'S TO PHD

International diversity

54%

d'international
students

95

nationalities

A unified offer across the Institute

19

Master's
programs

3

Doctoral
schools

12

PhD
Tracks

1,110

Master's
students

1,400

PhD candidates

Training by and for research

40%

of Master's graduates
pursue a doctoral thesis

89%

of PhD Track students
pursue a doctoral thesis

- A coherent pathway towards the PhD
- A talent pool of high-potential students

THE EQUAL OPPORTUNITY CENTER, WIDENING ACCESS TO THE BEST PROGRAMS BY COMBINING EXCELLENCE AND DIVERSITY



25,000

students made aware
and supported each year



A strong commitment

Enabling every young person, regardless of gender, social or geographical background, to access and succeed in the best scientific programs



A lever for internal transformation

Sustainably diversifying the recruitment of IP Paris students by widening social, geographical and gender diversity



A support

Contributes to the funding of the Center and amplifies the reach of this approach

Pillars of action

INSPIRE

GUIDE

ENGAGE

EVALUATE

DIVERSIFY



A WORLD-CLASS SCIENTIFIC INSTITUTE AT THE HEART OF MAJOR CONTEMPORARY CHALLENGES

Cutting-edge research, combining fundamental, interdisciplinary approaches with a focus on the subjects reshaping our societies:

ARTIFICIAL INTELLIGENCE

BIOENGINEERING

HEALTH

CLIMATE

ENERGY

DEFENSE

CYBERSECURITY

QUANTUM

ROBOTICS

...

2,000

faculty and research staff, including
41% international

128

ERC projects submitted between 2019 and 2024,
including 33 funded (25% success rate)

1,400

PhD candidates

78

teaching and research
chairs

5,500

publications per year

120

patents



RESEARCH RECOGNIZED AT THE HIGHEST GLOBAL LEVEL IN SEVERAL DISCIPLINES



2025

by subject

37th

Mathematics

40th

Engineering
and Technology

32nd

Statistics and Operational
Research

51st

Economy
and Econometrics



2025

GRAS

38th

Physics

2025

by subject

42nd

Computer
Science





A MODEL COMBINING ACADEMIC DEPTH AND SOCIO-ECONOMIC IMPACT

45 laboratories

embody the Institute's scientific wealth and provide IP Paris with a broad, visible, and structured research capability

10 departments

of research and training structure the Institute's major disciplines, drive the scientific communities, and ensure the academic depth required for research excellence

7 interdisciplinary centers

bring together the expertise of laboratories, researchers, and partners to develop new responses to major global challenges

AN ECOSYSTEM BUILT WITH NATIONAL RESEARCH ORGANIZATIONS



22 Joint Research Units (UMR*)

– historical partner in physics, mathematics, AI, energy, cybersecurity, and quantum technologies. Co-coordinator of the Apollon laser infrastructure



18 joint project-teams (digital, AI, health, defence, and quantum technologies, etc.). Supporting the emergence of startups through the Inria Startup Studio



3 Joint Research Units (UMR*) (LULI, LSI, IMSIA) on energy, cybersecurity, materials, and quantum technologies



1 Joint Research Unit UMR* (LOB) and associated with the E4H center of life sciences, optics and biosciences



Sharing of tools and expertise in mechanics, physics, and digital technologies

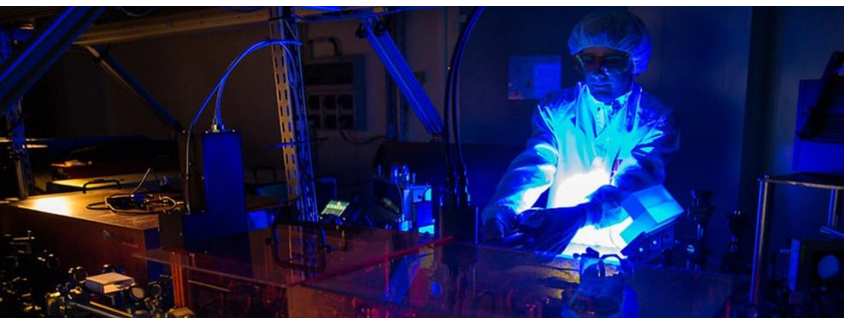


Co-founder of the CIMO - Joint projects and teams in numerical oceanography, underwater robotics, and marine renewable energies





STATE-OF-ART INFRASTRUCTURES TO EXPERIMENT, PROTOTYPE AND ACCELERATE



LASER

Laser Apollon

(ECOLE Polytechnique X CNRS)



CIVIL ENGINEERING AND CONSTRUCTION

Halle Freyssinet

(ENPC)



MECHANICS

Mechanics hub

(ECOLE Polytechnique X ENSTA)



IMAGING

Morphoscope

(ECOLE Polytechnique)



ENERGY CLIMATE

6 full-scale technological demonstrators

(CAMPUS OF ECOLE Polytechnique)



ROBOTICS

Drone cage – Testing tank

(ENSTA – PARIS CAMPUS AND BREST CAMPUS)



IP PARIS, A DRIVING FORCE FOR DISRUPTIVE INNOVATION IN FRANCE AND EUROPE

Detecting earlier, supporting further: IP Paris transforms scientific excellence into disruptive innovations that will shape tomorrow's industry and society

IA & DIGITAL	HEALTH TECH	GREENTECH	MOBILITY & TRANSPORTATION
CYBERSECURITY	ROBOTICS & IoT	QUANTUM	INDUSTRIES OF THE FUTUR ...

10

unicorns founded or led by an alumnus
or accelerated in IP Paris incubators

25%

of Next40 scale-ups founded or led by an
alumnus, or accelerated in IP Paris incubators

+ 120

startups supported every year

+ 120

new patents and software applications
by our researchers since 2021

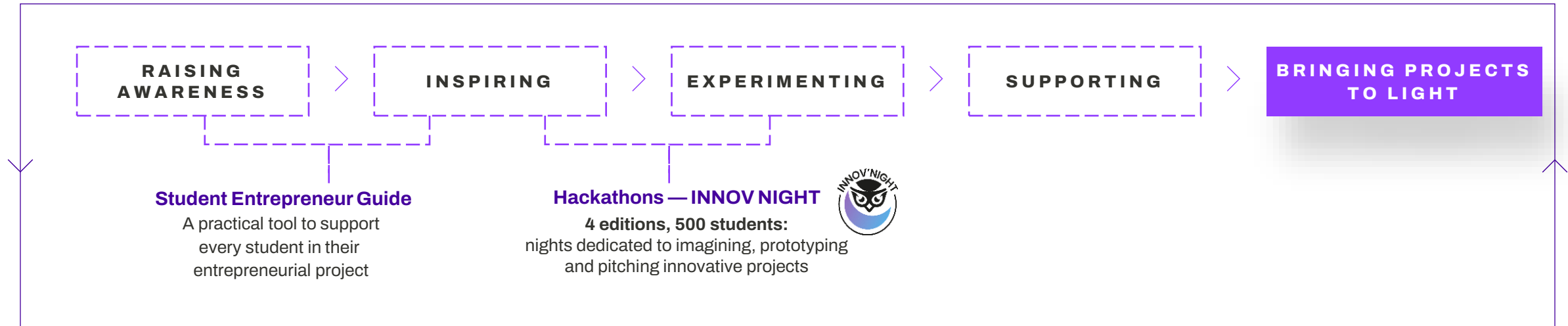
> €5billion

in funds raised by alumni
since 2021

€1Mn /year

to develop PoCs for
10 - 15 emerging deeptech projects

INSPIRING ENTREPRENEURIAL TALENTS



STARTUP DE RÉFÉRENCE



Founded by Paul Frambot in 2021, a student at Télécom Paris

- Open-source decentralized finance infrastructure to make crypto-assets lending more efficient
- In less than 3 years, it has become one of the 31 French unicorns

FROM FUNDAMENTAL RESEARCH TO BREAKTHROUGH INNOVATION TO ADDRESS TOMORROW'S CHALLENGES

Fostering innovation

today and supporting
emerging projects

Unlocking tomorrow's innovation

and fostering the emergence of critical
technologies for the world of 2040

Addressing

International and European
sovereignty challenges

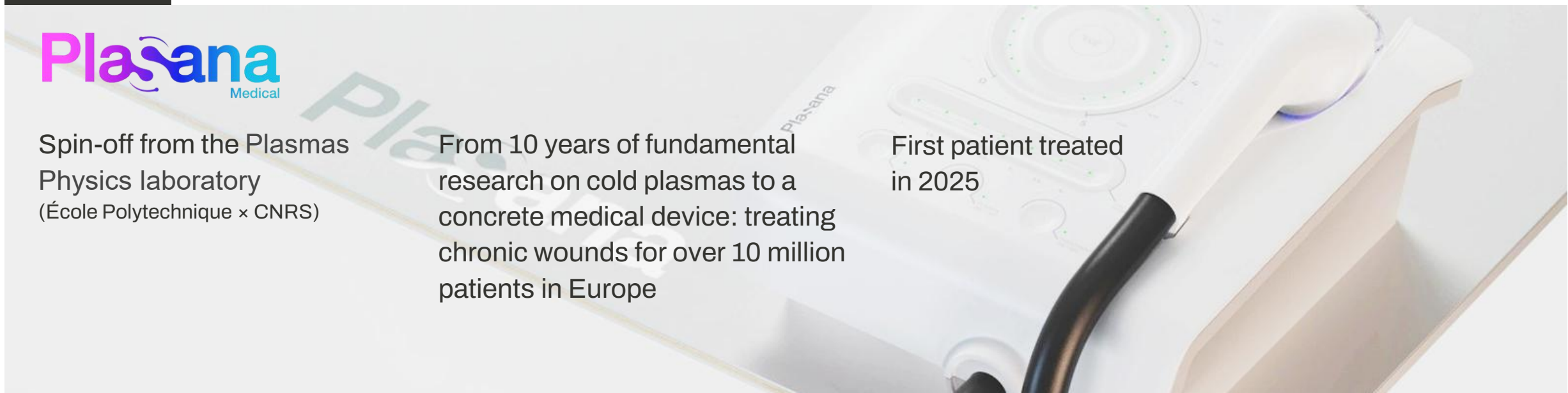
LEADING STARTUP



Spin-off from the Plasmas
Physics laboratory
(École Polytechnique × CNRS)

From 10 years of fundamental
research on cold plasmas to a
concrete medical device: treating
chronic wounds for over 10 million
patients in Europe

First patient treated
in 2025



MECHANISMS TAILORED CLOSELY TO THE PROJECTS

Structures



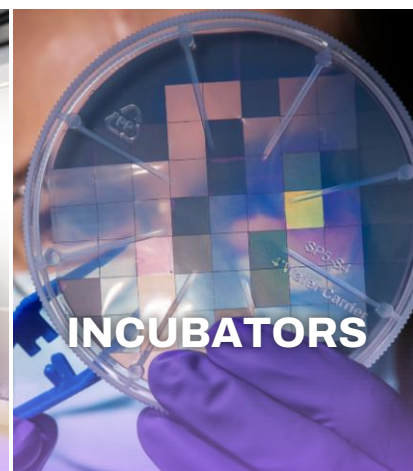
INNOVATION LAB IP PARIS

From idea to proof to
concept



TECHNOLOGY TRANSFER OFFICE

Research valorization
units



INCUBATORS

Drahi-X Novation Center
(École Polytechnique)

Télécom Paris Incubator
(Télécom Paris)

IMT Starter (Télécom
SudParis)

ENSTARTUPS (ENSTA)

Ponts Alumni Incubator
(ENPC)



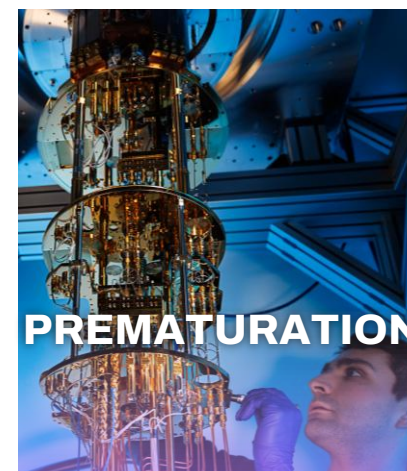
PROTOTYPING SPACES

X-FAB (École Polytechnique)

Studio Design &
Fablab-eLab (Télécom
Paris)

FabLab Étoile (Télécom
SudParis)

Co-innovation Lab
(ENPC)



PREMATURATION

Turning research into
tomorrow's innovations



PhD STUDENTS

Aimed at PhD students
wishing to explore the
impact of their
technology on the
world in 2040 and to
turn this vision into a
structured action plan



BUILDING STRATEGIC PARTNERSHIPS TO ADVANCE RESEARCH, EDUCATION AND GLOBAL ENGAGEMENT

Together with our partners,
we develop international
ecosystems based on
excellence and reciprocity

3 pillars

Fostering high-impact
scientific collaborations
aligned with the Institute's
academic priorities

Designing joint educational
programs with leading international
institutions to enhance scientific
quality and global openness

Offering innovative mobility
opportunities for students, PhD
candidates, and researchers within a
leading international network



A GLOBAL ACADEMIC NETWORK

+150

degree agreements
with 90 partners
worldwide

+220

research and international
mobility partners

3,450

international
co-publications

Collaborating
to advance talent
and knowledge

Strategic Partnerships

Europe



World





LEADING EUROPEAN ALLIANCES



EuroTech, a major European alliance

Universities Alliance

TU/e

EINDHOVEN
UNIVERSITY OF
TECHNOLOGY

DTU



Brussels
Office

Technical
University
of Munich



INSTITUT
POLYTECHNIQUE
DE PARIS

EPFL



TECHNION
Israel Institute of Technology



COMPLEMENTARY
EUROPEAN
COOPERATIONS



NETWORK



A LONG-STANDING AND HISTORIC RELATIONSHIP WITH THE ECONOMIC WORLD

We connect research, education, and innovation
to business needs to secure our countries
technological leadership together

70%

of CAC 40 companies
committed by our side

300

partners
companies

€40Mn

in private funding/year

BNP PARIBAS

edf

TotalEnergies

THALES

QRT

orange

sanofi

AFG

SOCIETE
GENERALE

HERMES
PARIS

CFM

SAINT-GOBAIN

UBISOFT

EUROPORTE

Carasso
Danièle Nina

CISCO

SERVIER

arianeGROUP

SAFRAN

Caisse
des Dépôts
et de Prévoyance

Data
Lab

VEOLIA

Fonds AXA
pour la Recherche
Innovation pour l'avenir

DASSAULT
SYSTEMES

AIRBUS

VINCI

accenture

Capgemini

Schneider
Electric

nexter
K.N
D'S

L'ORÉAL

CA

CEA

SNCF
GROUPE

DASSAULT
SYSTEMES

OCP

NAVAL
GROUP



EXAMPLES OF HIGH-LEVEL PARTNERSHIPS WHERE SCIENCE AND INDUSTRY **ACCELERATE** **CUTTING-EDGE INNOVATION**

Interdisciplinary centers
– Hi! Paris patronage

Hi! PARIS, founded by IP Paris and HEC Paris, aims to harness AI and data science to serve science, the economy, and society

[LEARN MORE](#)



Corporate sponsors (**L'Oréal**, **Capgemini**, **TotalEnergies**, **Schneider Electric**, **Vinci**) contribute to funding ambitious research projects and training talents capable of meeting major industrial and societal challenges related to AI

Joint laboratories –
HERACLES³

Accelerating research on intense lasers through an academic and industrial alliance

[LEARN MORE](#)



Pooling expertise and equipment to develop next-generation lasers to address industrial, medical, and scientific challenges (**Thales + École Polytechnique / ENSTA Paris + CNRS**)

Teaching and research chairs
– ASC Chair

Research and training on the Architecture of Complex Systems (ASC), supported by multi-partner patronage

[LEARN MORE](#)



Led by the CIEDS, the chair is supported by **Dassault Aviation**, **Naval Group**, **KNDS**, **Dassault Systèmes**, and the **Defense Innovation Agency (AID)**

IP PARIS CONNEXION

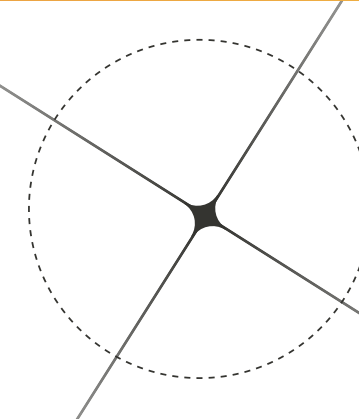
Partnership for cutting-edge innovation and the co-construction of high-impact projects

[LEARN MORE](#)



Creating a privileged framework to explore new technological pathways and foster the emergence of innovative collaborations in the four partner's key fields (**Bouygues**, **Servier**, **SNCF**, **Danone**)

THE CAMPUS: A LIVING PROJECT SUPPORTING THE GROWTH OF THE INSTITUTE



SCHOOLS ON CAMPUS

01.



02.

ENSTA

03.



04.



05.



06.



RECENT DEVELOPMENTS

07. AgriPV

08. SIRTa 2021 Atmospheric
Observatory

09. Multisports hall
2019

FUTUR DEVELOPMENTS

15. ONERA Building (dedicated
to aerodynamics, aeroelasticity, and
acoustics)

16. Defense Institut (including
the AMIAD research hub)

17. Batterie de l'Yvette
(drone aviary)

18. Metro station 2026

19. Research building 2027
(PICM and LLR laboratories)

20. NEXT (IP Paris Shared
Services)

21. Renov'X (2026-2029)

22. XSeaO2 2026

23. TP Ensae residence
project

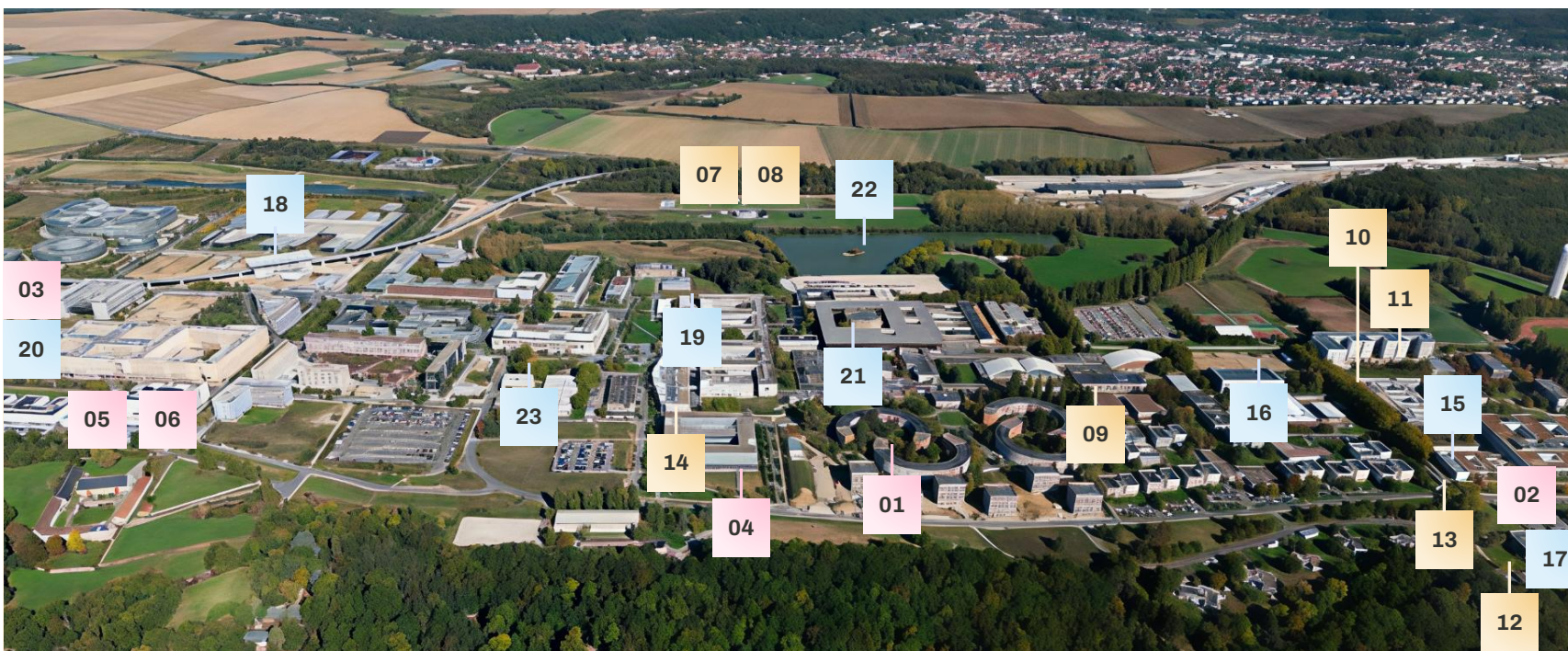
10. Mechanical hub
2024

11. Student residence
2019

12. Batterie de l'Yvette
(LAPLACE Project)

13. Smart Thermal
and Electric Grid
Axen 2026

14. Share Teaching
building 2023



AT THE HEART OF ONE OF THE **8 MOST POWERFUL** INNOVATION HUBS IN THE WORLD

Located 25 kilometers from Paris, the Saclay plateau brings together what few places in the world can combine: the leading French Grandes Écoles, major research organizations, and companies at the cutting edge of global innovation

*Europe's leading
Innovation hub*

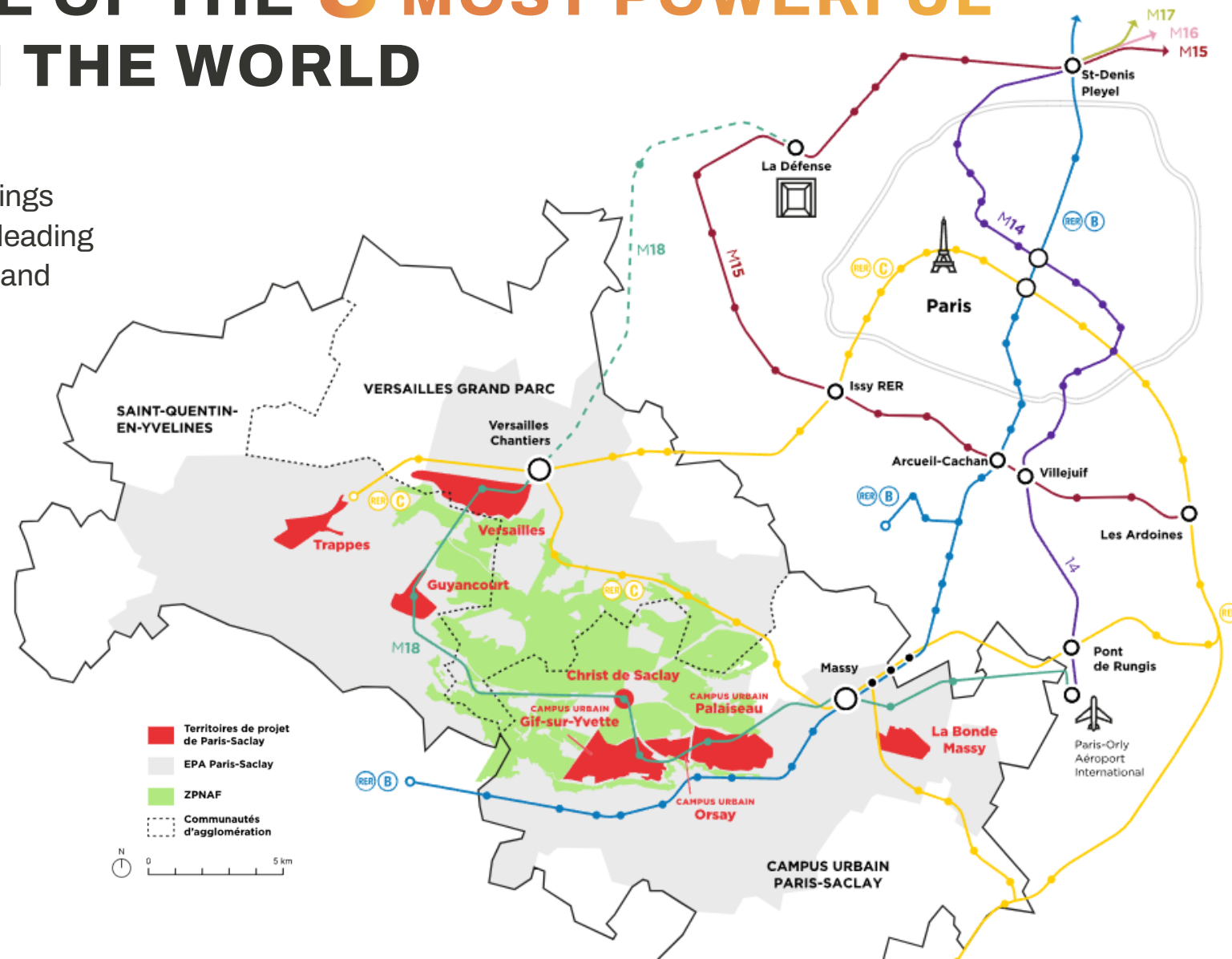
CURRENTLY ACCOUNTING FOR

21%

of national research

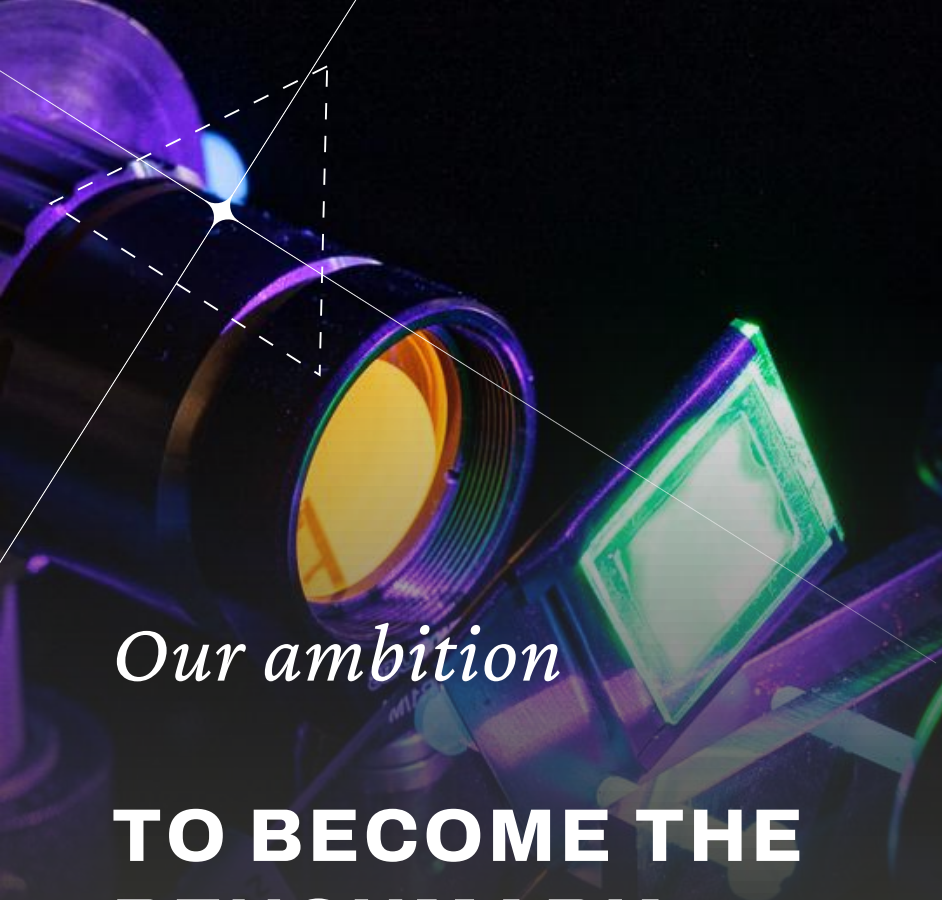
40%

Of public and private research jobs
in the Île-de-France





Strengths **AND PERSPECTIVES**



Our ambition

**TO BECOME THE
BENCHMARK
EUROPEAN
INSTITUTION
SERVING
SOVEREIGNTY**



STRATEGIC
PILLAR

01

**Serving
European
defense and
security
challenges**



STRATEGIC
PILLAR

02

**Building a
world-class
AI hub**



STRATEGIC
PILLAR

03

**Inventing
models for the
ecological
transition**



ENST2



CONTACT-US

| First name Name