



RÉPUBLIQUE  
FRANÇAISE

*Liberté  
Égalité  
Fraternité*

AgroParisTech   
Talents for a sustainable planet



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## Key figures

> 3,000

students, PhD. students, and apprentices enrolled at all levels (20% international)

Apprentices	6 %
PhD. students	12 %
Engineering students	50 %



> 500 engineers, technicians, and administrative staff

250 senior scientific staff and faculty members

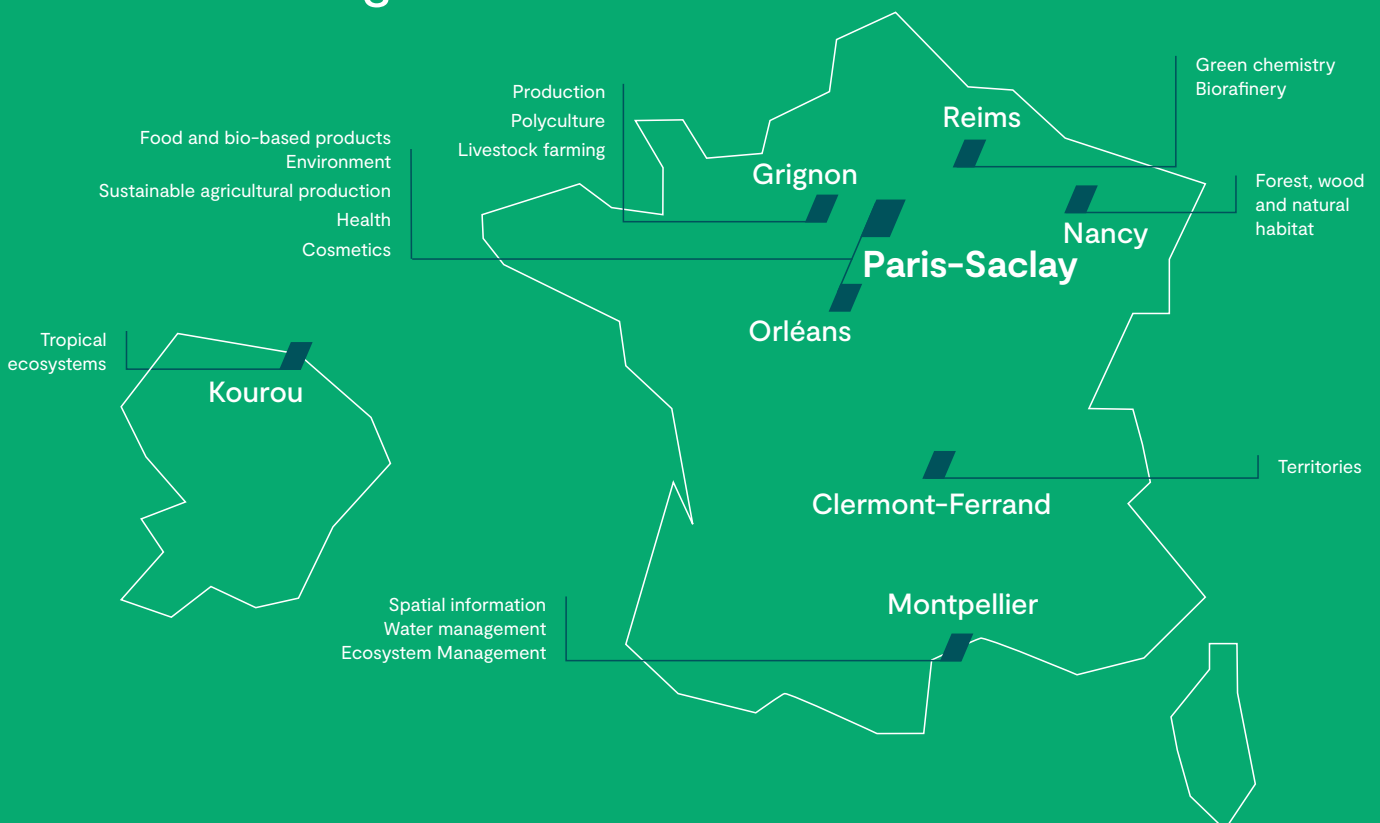
24 research units, including 23 associated with major national research organizations (INRAE, Cirad, CNRS, etc.)

5 InnLabs (thematic incubators) : collaborative experimental spaces

- 1 Foundation
- 1 Management structure for research contracts with private partners
- 1 Apprentice training center
- 13 Partnership Chairs
- 1 Broad community with over 25,000 students and alumni

Coordinator of Biosphera, a thematic Graduate School of Université Paris-Saclay, specializing in the field of life and environmental sciences

## Local anchoring



AgroParisTech, National Institute of Technology for Life, Food and Environmental Sciences, is a public institution operating under the authority of the French Ministry of Agriculture. A key player in higher education and research, this leading international institution works to address the major challenges of the 21<sup>st</sup> century : feeding populations through sustainable land management, preserving natural resources, fostering innovation, and developing the bioeconomy.

## 200 Years of History

Created on January 1<sup>st</sup>, 2007, AgroParisTech is the result of the merger of three major engineering schools:

- **ENGREF**, French National School of Rural Engineering, Water Resources and Forestry
- **ENSIA**, French National School of Agricultural and Food Industries
- **INA P-G**, Paris-Grignon National Agronomic Institute

Its history began in 1824 with the creation of *l'École forestière de Nancy*. In 1826, Charles X founded *l'Institution royale agronomique* on the Grignon estate.

*L'Institut national agronomique* was later created in Versailles in 1848 before relocating to Paris in 1896.

This era marked a significant expansion in education, including the founding of *l'École nationale supérieure des industries agricoles et alimentaires* in Douai in 1893, a pioneering institution dedicated to the agrifood sector.

From then on, the identity of AgroParisTech was established.

## A Comprehensive Offer

By leveraging its research expertise and its ties to the professional world, AgroParisTech trains executives, engineers, doctors, and managers in the field of life sciences and the environment.

AgroParisTech offers Master's programs including the Engineering program or Master in Engineering, PhD programs with leading partners and laboratories in France and around the world in addition to a range of continuing professional education programs available under the AgroParisTech Executive brand.

### What sets us apart?



Unparalleled coverage of all the challenges facing life and environmental sciences



On the forefront of cutting-edge research



Close partnerships with public and private stakeholders



Directly connected to societal changes

# AgroParisTech

AgroParisTech  
is a founding member  
and component institution  
of Université Paris-Saclay.





AgroParisTech is developing a unique interdisciplinary educational model that is centered on the acquisition of sound scientific and technical knowledge, enhanced by the inclusion of economics and social science, and integrated into the public and private sectors and the world of research. The institution trains graduates and committed citizens, capable of innovating and taking action in uncertain situations, allowing them to come up with possible and sustainable futures.

## Master of Engineering

The AgroParisTech Master in Engineering covers life and environmental sciences, technologies, engineering sciences, as well as humanities, economics, and social sciences. It is available in both traditional and apprenticeship program, and enables students to build their own training pathways, all leading to the same degree.

### 4 fields of study



**Sustainable development: production, sectors, and territories**



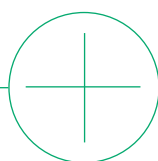
**Food engineering, biomolecules and energy**



**Environmental management and engineering**



**Engineering and health: People, bioproducts, and the environment**



- A teaching approach based on real-world experience and scenarios in diverse fields (in laboratories, in companies or other types of organizations)
- Support for developing an individualized career plan and finding a job

## Key figures

> 3,000 students and apprentices, including

> 180 apprentices

# Master of Science

In partnership with numerous prestigious French and European higher education institutions, AgroParisTech offers **world-class Master's programs in the field of life and environmental sciences and industries**. These programs enable students to get a firm grasp on the biotechnical, economic, social, and legal aspects of the sector.

## 10 main fields:

- Agriculture and agronomy
- Animal Sciences
- Biotechnology and Green Engineering
- Ecology, Biodiversity and Climate Change
- Economics, Society, Governance, and Territories
- Forestry
- Health, Nutrition and Food
- Management and Innovation
- Plant Sciences
- Water Sciences



### A scheme open to all students in our engineering program

- Customized support
- Educational activities to discover research and related careers in a laboratory setting, and training in the form of teaching units:
  - *Careers in research* (1<sup>st</sup> and 2<sup>nd</sup> year)
  - *Research & Me* (1<sup>st</sup> and/or 2<sup>nd</sup> year)
  - *Immersion in Research* (1<sup>st</sup> year)
- Information about PhD. studies, research, and related careers

## Apprenticeships

Founded in 1995, the Life Sciences and Technologies Apprentice Training Center (CFA SEV) at AgroParisTech is one of the first apprentice training centers founded by a French engineering school.

### Courses of study available

- **AgroParisTech Master of Engineering**
  - From Year 1 for students from technological backgrounds and admitted via a specific competitive entrance exam
  - From Year 2 for all engineering students from Year 1 or those who have joined the course through the dual-degree entrance exams or international students admitted through the specific competitive entrance exam
- **Some AgroParisTech advanced Master's degree programs**
- **Master of Health, Nutrition and Food, in partnership with Université Paris-Saclay**



## PhD. Programs

Completed in three years after obtaining a master's degree (i.e. five years of higher education) and following previous research experience, doctoral studies offer candidates the opportunity to acquire world-class skills and expertise recognized by many employers (particularly abroad). It is also a crucial stepping stone for a research career within public institutions, international organizations, or major companies, leading to a wide range of leadership roles in research, technological innovation, and beyond.

### AgroParisTech works with three doctoral schools:

- **ABIES** (Agriculture, Food, Biology, Environment, Health), coordinated by Université Paris-Saclay
- **GAIA** (Biodiversity, Agriculture, Food, Environment, Soil, Water), coordinated by the University of Montpellier
- **SIReNa** (Natural Resource Science and Engineering), coordinated by Université de Lorraine

### Key figures

> 350 PhD. students enrolled or supervised

90 theses defended each year

## Continuing Education

### Degree programs (certifying)

#### Advanced Master's degrees (12–18 months)

- A post-Master's program to meet the needs of in-depth study, dual-skill or career change projects
- Professional training courses as a stepping stone towards a professional career

#### Specialist certificates (12 months)

- Programs built around six months of courses, tutorials and project work, and six months of work experience
- For the in-depth study of a subject, a dual skill set or a change of direction

#### Master of Science (12 months)

- The entire range of AgroParisTech Master of Science available as continuing education courses

#### Post-graduate certificates (1–6 months)

- Post-Master's level training courses aimed at executives

#### Skills blocks (variable duration)

- Registered in the French National Directory of Professional Certifications (RNCP), their validation allows for the recognition of acquired skills

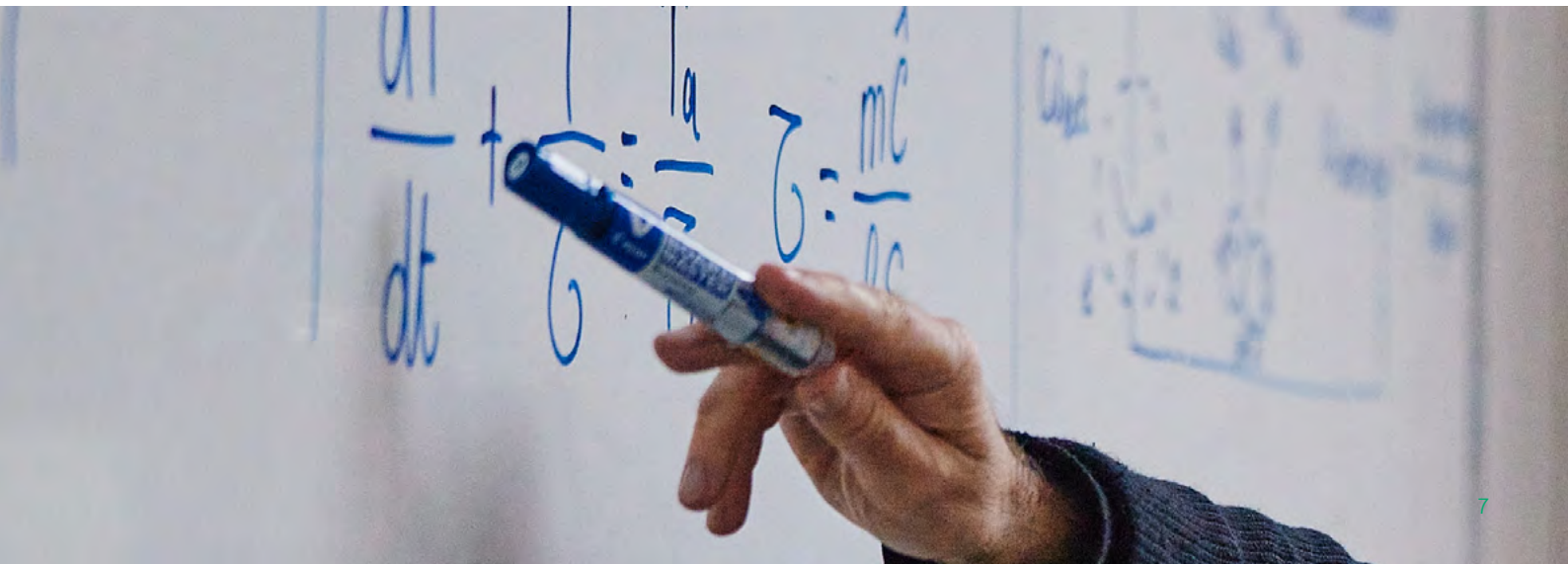
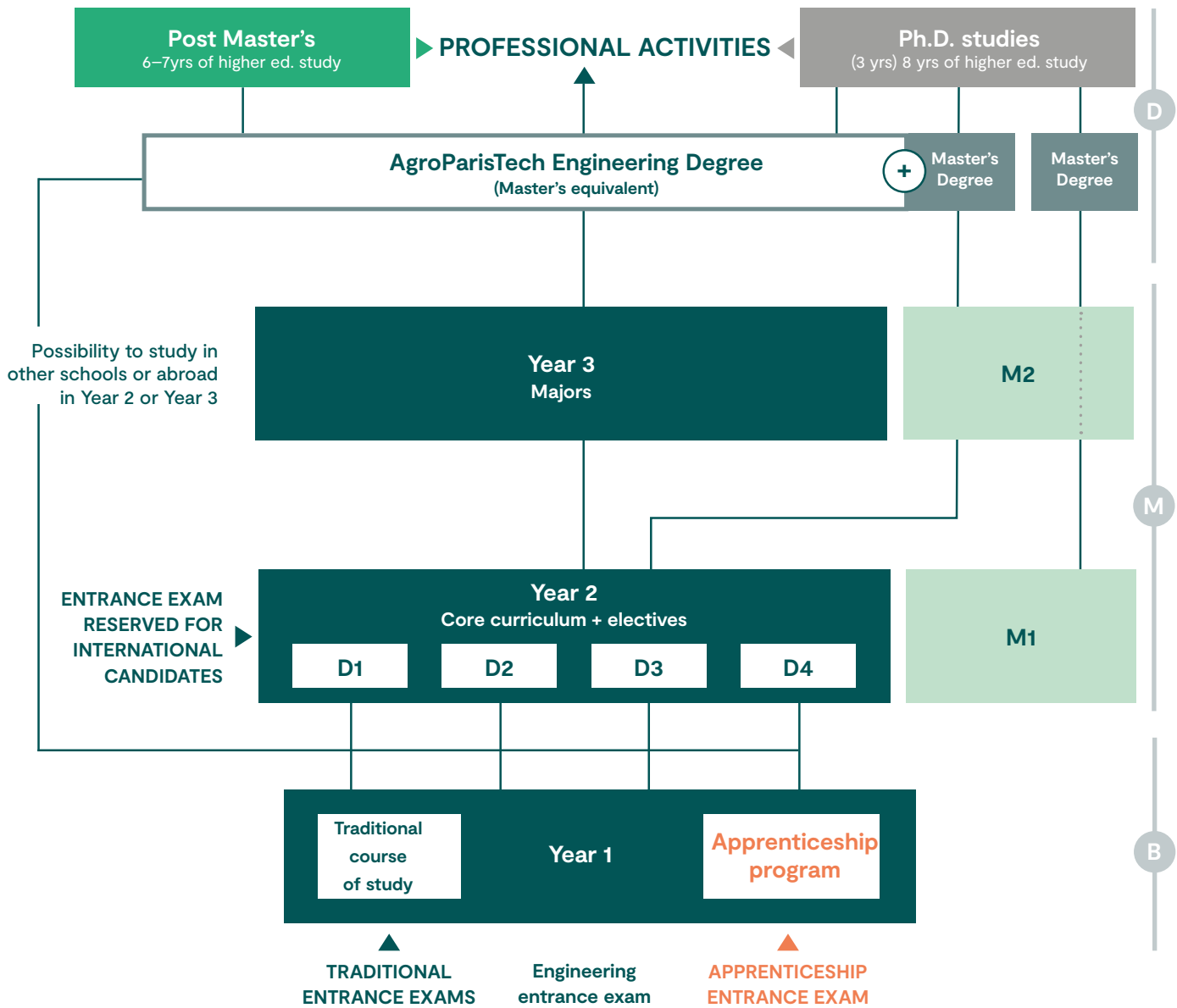
## 9 Advanced Master's degrees

accredited by the Conférence des Grandes Écoles





# Curriculum Organization



# Research



Research at AgroParisTech goes beyond simply generating knowledge—it is deeply tied to the institution’s mission. By fostering innovation, open science, and dialogue between science and society, the institution contributes to the transfer of knowledge to the public and private sectors, and to the general public.

Whether fundamental, experimental, applied, or solution-driven, research also plays a key role in shaping the institution’s training programs.

## The Goals

- Achieving the greatest possible level of quality for our research
- Conducting scientific activities to support our educational programs
- Increasing the impact of AgroParisTech’s scientific activities on society by working towards greater promotion, thereby fostering innovation, driving development, and promoting the sharing of knowledge.
- Enhancing the visibility and recognition of AgroParisTech’s scientific output by developing, in particular, actions in favor of *open science* and strengthening the ties between science and society

### Key figures

**5** educational and research departments

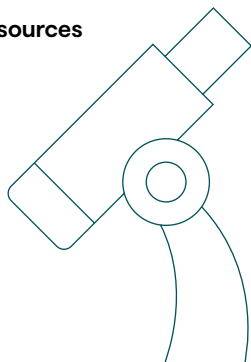
**24** research units including 23 associated with with major national research organizations (INRAE, Cirad, CNRS, etc.), and higher education institutions (Université Paris-Saclay, Université de Lorraine, University of Montpellier, etc.), making up a community of **1,000** scientists

**280** scientific articles per year on average, the majority of which are freely accessible in full-text versions on HAL-AgroParisTech



## Research Fields

- Agricultural and forestry production
- Processing agricultural products for food and non-food uses
- Management of Natural Resources and the Environment
- Human health



## Open Science : A Long-Standing Commitment

AgroParisTech affirms its commitment to the most openscience as possible to society as a whole.

Since 2011, the institution manages a portal on the national open archive HAL, HAL- AgroParisTech, to provide free and open access to scientific work produced by our research community. As a signatory of the Jussieu Call for Open Science and Bibliodiversity in 2017, the institution adopted a policy devoted to open science in 2020, as well as a policy on the management of research data in 2021, in accordance with our other strategies and goals.

## Science and Society : Participating in the Public Debate

AgroParisTech is committed to improving relationships between science and society in its research and educational activities, thanks to opportunities for meetings, dialogue, and debate, as well as through its commitment to open science and through the involvement of society in its research.





# Innovation & Entrepreneurship

The research conducted at AgroParisTech offers a unique environment for fostering innovation. At the same time, business promotion or start-up projects frequently offer major scientific and technical challenges for research, along with complementary means for conducting it. Consequently, for the past several years, the institution has considerably enriched and consolidated its integration in territorial ecosystems for innovation on a local, national, and international level.

## The Innovation and Technology Transfer Cluster

This cluster is shared by AgroParisTech and AgroParisTech Innovation. A non-profit organization created in 1972, AgroParisTech Innovation is an AgroParisTech-chartered research institution. It fosters and supports innovation and knowledge transfer activities resulting from research at AgroParisTech.

### The role of the cluster

- **To stimulate innovation** in AgroParisTech's scientific fields
- **To support the transfer of research** into the socio-economic world and facilitate the transition from inventions to innovations
- **To establish tools** to detect innovation in laboratories, manage and transfer intellectual property, monitor contractual activities, and train various institutional stakeholders regarding these issues
- **To protect the interests of staff and students** engaged in research and technology transfer activities
- **To earn greater recognition for AgroParisTech** as a nexus for the economic and non-economic transfer of research to companies and society at large
- **To encourage entrepreneurship** in all forms (students, PhD. students, faculty and research staff, etc.), including by coordinating the "*Itinéraire Entrepreneuriat*" (Path to Entrepreneurship) program and organizing its evaluation committees

**Control over the entire innovation process from A to Z – from the laboratory phase to transfers to industrial applications.**



# InnLabs : Collaborative Experimental Spaces

The InnLabs are a network of open facilities in the form of thematic scientific and technological platforms. Spread across the various AgroParisTech sites and campuses, they support innovative projects with an impact at the interface between research, experimentation, technical development and training. They are accessible to various project leaders (students, alumni, researchers, start-ups, companies).

## Five InnLabs are currently in operation :



**Biotech'InnLab** (Reims), a collaborative experimental space that houses innovative projects in the field of biotechnology, enabling the production of compounds for the cosmetics, chemical, and materials markets, etc.



**Cosmet'InnLab** (Orléans), an open platform dedicated to supporting innovation projects in the cosmetics sector, with expertise and cutting-edge equipment in formulation, skin biology, biochemistry, analytical chemistry and sensory analysis, in close connection with the activities of the Chair of Cosmetology



**Farm'InnLab** (Grignon), experimental farm and location for full-scale demonstrations of agricultural innovations, open to AgTech start-ups



**Forest'InnLab** (Nancy), territorial innovation laboratory in the field of forestry



**Food'InnLab** (Paris-Saclay), dedicated to innovation in the sustainable food and Food Tech sector, open to start-ups, SMEs and mid-sized companies



## The Path to Entrepreneurship

Since 2014, the “*Itinéraire Entrepreneurial*” (Path to Entrepreneurship), particularly via its Creativity, Maturation and Acceleration evaluation committees, has enabled students interested in founding their own company to structure a project, assess an idea, analyze a market, identify a strategic opportunity, finance a project, create a business model, develop a strategic vision, protect an idea or a project, communicate with professionals, etc.

By bringing together the projects of students, PhD. students and researchers, this system improves the transfer of research conducted in AgroParisTech laboratories and simplifies the pathway from invention to innovation.

### Key figures

> **60** research  
contracts  
signed each year

> **80** start-ups  
created or supported  
since 2020

**15** businesses created  
on average each year by students  
and alumni

> **€230** million  
raised by our start-ups  
since 2020





# Scientific Culture

Issues relating to climate, biodiversity, food, health or even major epidemics are increasingly relevant in our daily lives. For this reason, AgroParisTech offers hubs for documentation and information, as well as places to meet and share experience among scientists and different audiences.

## Scientific Outreach

AgroParisTech creates and hosts spaces where public debate can take place to foster constructive dialogue between science and society:

- **Open debates on a year-long theme** incorporating an artistic performance, reflecting the institution's openness for anyone who has an interest in life sciences and the environment, or would like to dialogue with researchers
- **Programs at high-school level** to enable young students to discover and become familiar with scientific controversy, as well as learn basic debating skills
- **"Science Cafés"** during which a researcher presents his or her book and discusses it with those in attendance
- **Debates organized by student organizations:** "Agro" debates, the Noise AgroParisTech association, etc.

## Participatory Research

AgroParisTech encourages the collaborative development and pursuit of research projects with anyone who wishes to participate, in association with third parties through support for projects including civil society, schools, and local stakeholders.

For example:

- **BirdLab**, an interactive game devoted to the study of birds that enables the public to observe birds' feeding habits in real time during the winter and contribute to the collection of data
- **BUG**, a European project that encourages citizens to help improve general knowledge about urban biodiversity in French Guiana



Key figures

## Resources For All

AgroParisTech provides public access to numerous resources (open publications, photo library, video documentaries, MOOCs), as well as a vast network of specialized libraries that work together and support both students and PhD. students throughout their courses, and teachers and researchers throughout their professional career.

> 250,000 documents

2,300 periodicals  
and a host of electronic  
resources available  
on site and online



## Life Sciences Museum

Founded in 2005, the Life Sciences Museum is the world's first international museum focused on ecology. Through an interdisciplinary approach, it covers scientific, philosophical, religious, political and cultural aspects and issues of everyday life, as well as humans' relationships with their environment.





AgroParisTech attaches great importance to internationalization, both in the educational project supported by the institution and in the execution of all its missions.

This openness to the world is reflected through the various languages that are taught, a wide range of experiences abroad for students and researchers, the implementation of cooperation projects, and the hosting of international, Graduate, auditor and PhD. students.

## A Large International Network

With a firm foothold in the world of European higher education and research, AgroParisTech cultivates a large international academic and scientific network. **More than 200 agreements with 150 partners in some 50 countries** ensure, in particular, **inward and outward mobility** for students, PhD. students, and faculty and research staff. These partnerships can take the form of student exchange agreements, dual degrees, participation in joint European educational programs, and joint PhD. thesis supervision and scientific partnerships.

## An Ambitious European Strategy

European aspects naturally form an integral part of all of AgroParisTech's activities. These developments are backed by a proactive participation policy in European programs (Erasmus+, Horizon Europe, Interreg, etc.) Currently, AgroParisTech is involved in **around forty European projects**.

## A Closer Look at the EBU (European Bioeconomy University) Alliance

To contribute to a more sustainable and competitive Europe that is more efficient in its use of resources, AgroParisTech has joined forces with seven prestigious European universities to form the EBU alliance. The purpose of this international alliance is to further stimulate cooperation between its eight members on research, education, and innovation projects.

Members of the EBU include:

- AgroParisTech (France)
- University of Hohenheim (Germany)
- University of Wageningen (Netherlands)
- BOKU – University of Natural Resources and Life Sciences of Vienna (Austria)
- UEF – University of Eastern Finland (Finland)
- University of Bologna (Italy)
- SLU – Swedish University of Agricultural Sciences (Sweden)
- WULS – Warsaw University of Life Sciences (Poland)







## Key figures

# International Student Mobility

International mobility is highly encouraged and mandatory for AgroParisTech engineering students, who, by the end of their studies, must have accumulated at least 16 weeks of time spent studying or working abroad.

This may be in the form of academic exchanges, projects, or internships.

> 200 agreements with  
> 150 universities in around 50 countries

100% of engineering students benefit from international experience

20% international students

About 50 different nationalities

# International Students

Every year, AgroParisTech enrolls more than 300 international, Graduate, auditor and PhD. students, including via specific coordinated recruitment channels (ParisTech, Agreenium), dual degree programs, or as part of the prestigious Erasmus Mundus joint Master's degree programs. Additionally, AgroParisTech hosts international students through academic exchanges, international summer program and research programs.

The institution thus has 20% international students, who contribute to achieving greater internationalization through the diversity of their experiences and cultures. The "Bienvenue en France\*\*" certification testifies to the quality in welcoming international students. French students also play a role in welcoming them and ensuring they are fully integrated.



## Several grants available:

- ERASMUS+
- French Ministry of Agriculture
- AgroParisTech Foundation
- IDEX Université Paris-Saclay
- French regional councils



# Relations with Businesses and Public/Private-Sector Partnerships

AgroParisTech boasts a strong policy of engaging in partnerships with all of its public and private partners, thus enabling us to benefit from their experience while facilitating our partners' development

## Putting the Professional World at the Core of Our Educational Offering

Our educational programs, paired with numerous internships throughout each course of study, teach our students real professional skills. Thanks to a systems-oriented approach, capacity for innovation, and a forward-looking vision, they adapt to different career paths and develop a firm grasp of advanced scientific, socioeconomic, and technological skills.

**9** months minimum spent as an intern over the 3 years of the engineering program

- Professional contributions to new teaching methods and content
- Numerous field visits to companies
- Career guidance meetings
- Round tables to discover different engineering careers
- Individualized professional integration support
- Specific apprenticeship offering

## Prospective Analysis: Anticipating Changes in Skills and Careers

AgroParisTech has implemented forward-looking analysis of future shifts over a ten-year period to assess changes in skills and careers in the different strategic areas covered at AgroParisTech: Agriculture, Green Chemistry, Water, Forestry, Health, Territories. These prospective analysis committees rely on a panel of outside experts whose conclusions inspire AgroParisTech to make changes to its educational offering.

**6** prospective analysis committees

# Partnership Chairs: Building the Future Together

Creating or taking part in an AgroParisTech partnership chair is an opportunity to bring complementary expertise together to serve a shared objective, an effective process for grasping complex issues. As such, we work together to develop innovative long-term solutions to address major challenges.

## 13 active partnership chairs

- Agricultural and Food Transitions in Local Regions
- CoPack\*
- Cosmetology\*
- Ecological Accounting\*
- Ecological Civil Engineering\*
- Environment Research Lab
- Food, Nutrition and Eating Behavior\*
- Prospective Modelling for Sustainable Development
- The Agricultural Biogas Production Alliance\*
- The H@rvest Alliance: Technology in the Service of Agriculture\*
- Transitions in Agricultural Land
- Urban Agriculture; Ecosystem Services, and Urban Food Supply\*
- Water for All

\* In association with the AgroParisTech Foundation





# Student Life



The **BDE (Student Association)**, a top-level organization, campus **UDEs (student unions)**, and a host of student organizations offer a rich ecosystem for student activities.

## A Rich Campus Life

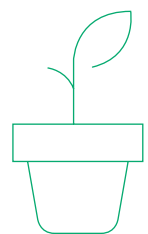
- **Culture**: theater, visual arts, choir, music, etc.
- **Athletics**: over thirty sports available to students (team sports, racket sports, dance, aerobics, yoga, swimming, diving, horse-riding, etc.)
- **Giving back**: mentoring, social and solidarity-based economy, humanitarian work, etc.
- **Leisure**: debating, oenology, gastronomy, photography, film, etc.
- **Project management**: through Junior Enterprise projects or in the context of major events at AgroParisTech
- **Nature and the environment**: ecology, land use, awareness-raising, discovery of ecosystems, etc.

## Major Events Throughout the Year

- **Forum Vitae**: a major event for companies and engineers in the field of life sciences, attracting over 2,000 attendees and 90 companies and startups each year.
- **The International Agricultural Show in Paris**: students, researchers, and faculty from AgroParisTech participate in the show each year, coming together to interact with ordinary citizens and professionals from the fields of agriculture, food, and the environment.
- **TEDx AgroParisTech**: held each year since 2017, an event featuring a host of networking opportunities and short lectures centering on a predetermined topic.
- **Plus**: an international wine competition, the *Grandes Écoles* cooking contest, the Inter-Agros, the annual Gala, the *Coupe de l'X*, etc.

## Student Housing

A diverse range of housing options is available near each campus, including student residence halls and private accommodation.





An active, influential  
community of  
25,000 students  
and alumni.



## The AgroParisTech Foundation

Since 2012, the AgroParisTech Foundation has been closely associated with our activities. It conducts its activities via sponsorships and through its “Learn! Get Involved! Start a Business!” initiatives, and through the creation of sponsor partnership chairs.

It supports and encourages everyone to imagine projects that can provide solutions for the future of our planet, by protecting the environment and biodiversity, feeding the world and ensuring healthcare for all.

## AgroParisTech Alumni

**A coordinated and committed community of 25,000 students and alumni**

- Clubs, regional, international, and professional groups, working groups, debates, etc.

**A network that offers real support and assistance**

- A career service that provides coaching, webinars, job offers, etc.
- A United Alumni fund that offers help to alumni in need
- A 0% interest unsecured personal loan (up to €5,000) offering alumni professional assistance with things such as business start-up, continuing education abroad, etc.

# Community

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Our Partners

