

THE SCHOOL in figures

2025
2026

BUILDING TOMORROW'S WORLD



**RÉPUBLIQUE
FRANÇAISE**

*Liberté
Égalité
Fraternité*



ÉCOLE NATIONALE DES
**PONTS
ET CHAUSSEES**



IP PARIS

A word from the director



ANTHONY BRIANT
Director of École
nationale des ponts
et chaussées

École nationale des ponts et chaussées enjoys an undisputed reputation and continues to climb in the best national and international rankings.

The quality of its multidisciplinary curriculum and innovative teaching methods is underpinned by excellence in research and close ties to the world of business and industry.

Although its prestige has been traditionally founded on civil, environmental, and mechanical engineering, École nationale des ponts et chaussées today provides top-level training in a wide variety of fields, ranging from applied mathematics and economics to industrial engineering.

École nationale des ponts et chaussées trains high-potential engineers and future senior executives with a scientific and technical background who will be called upon to rise to the great societal challenges of today and tomorrow, especially in relation to the ecological transition.

The School in Figures gives an introductory overview of our school in all its rich diversity, revolving around three main missions: training, research and the dissemination of knowledge.

STUDENTS

1,678

students
including 38% female students

995

engineering students

190

Master's students,
including 76 engineering students

15

Master of Science students

336

on «Mastère Spécialisé» and
specialist training courses

198

PhD students

20

registered on the post-competitive
exam program for State Urban
Planning Architects (AUEs)

FACULTY

395

teaching staff in charge of modules

112

professors, 4 assistant professors
and 57 lecturers

3,100

part-time and non-tenured
teaching staff

RESEARCHERS*

509

researchers and professors

718

PhD students and postdoctoral
fellows

1,111

A-tier publications, including
53% with a foreign partner

€15.2 M

in research partnerships with
companies, public organizations
and local authorities

* Scope: the School's laboratories



Training



ENGINEERING TRAINING

YEAR 1

- **Consolidation** scientific and general knowledge, projects (research and departmental)
- **Work experience internship:** a 4-week practical in-company internship completes the year

THE MASTER'S PROGRAM

YEAR 2

Choice of a department for a specialization

- Civil and Structural Engineering
- City, Environment, Transportation
- Mechanical Engineering and Materials Science
- Industrial Engineering
- Economics, Management, Finance
- Applied Mathematics and Computer Science

Year 2 internship

Between Years 2 and 3, 85% of the cohort complete an optional year-long internship, with more than 26% going abroad.

The other students complete a short (3-month) internship in a company or laboratory, 10% of them abroad.

YEAR 3: TERMINAL PROJECT (PFE)

For a period of at least 4 months, students apply the skills acquired during their course to a particular scientific or technical problem, in a company or research laboratory. This Multidisciplinary Engineering Project may be carried out individually or in groups.

MASTER'S DEGREES

MASTER'S

MASTER'S IN APPLIED MATHEMATICS

Awarded by the École Nationale des Ponts et Chaussées

4 pathways

- Probabilities and Stochastic Models (PMA)
- Mathematics, Vision, Learning (MVA)
- Modeling, Analysis, Simulation (MAS)
- Operational Research (RO)

MASTER'S IN ENERGY

Awarded by the School

1 pathway

- Energy Transition at Local Level (TET)

MASTER'S IN NUCLEAR ENGINEERING

Co-accreditation with Université Paris Saclay, Institut Polytechnique de Paris and Université Paris Sciences & Lettres

1 pathway

- Decommissioning and Waste Management (DWM)

MASTER'S IN MECHANICAL ENGINEERING

Co-accreditation with Sorbonne Université

2 pathways

- Multiscale Approaches for Materials and Structures (AMMS)
- Durability of Materials and Structures (DMS)

MASTER'S IN CIVIL ENGINEERING

Co-accreditation with Université Gustave Eiffel

1 pathway

- Mechanics of Soils, Rocks and Structures in their Environment (MSROE)

MASTER'S IN MATERIALS SCIENCE ENGINEERING

Co-accreditation with Université Gustave Eiffel and Université Paris-Est Créteil

1 pathway

- Materials Science for Sustainable Construction (SMCD)

MASTER'S IN TRANSPORT, MOBILITY, NETWORKS

Co-accreditation with Université Gustave Eiffel, UPEC, Institut Polytechnique de Paris and Université Paris Sciences & Lettres

2 pathways

- Transport and Mobility (TM)
- Transport and Sustainable Development (TraDD)

MASTER'S IN ENVIRONMENTAL, ENERGY AND TRANSPORTATION ECONOMICS

Co-accreditation with Université Paris-Saclay, Université Paris Ouest Nanterre La Défense Paris 10 and IFP School

5 pathways

- Environmental and Sustainable Development Economics (EEET)
- Economics of Energy (EEET)
- Prospective Modeling (EEET)
- Sustainable Food Economics (EEET)
- Transport and Mobility Economics (EEET)

MASTER'S IN APPLIED ECONOMICS

Co-accreditation with Université Paris Sciences & Lettres and EHESS

1 pathway

- Public Policy and Development (PPD)

MASTER'S IN ANALYSIS AND ECONOMIC POLICY (APE)

Co-accreditation with Université Paris 1 Panthéon-Sorbonne, École des Hautes Études en Sciences Sociales and Université Paris Sciences & Lettres

URBAN PLANNING CURRICULUM

Spatial Planning and Urban Development (AMUR)

MASTER OF SCIENCE

Sustainable Impact Analysis (SIA) with Paris School of Economics

DOCTORAL TRAINING

The School has substantial research capacity with **11 top-level laboratories** hosting: **199 PhD students registered** with the School in 2025/2026, including 42% international students and 29% women.

4 doctoral schools, in which the School's doctoral training is organized:

- Institut Polytechnique de Paris Multidisciplinary Doctoral School
- City, Transport and Territories Doctoral School
- Hadamard Doctoral School of Mathematics
- Panthéon-Sorbonne Economics Doctoral School

○ PONTS ET CHAUSSEES EXECUTIVE EDUCATION

ADVANCED MASTERS (MASTÈRE SPÉCIALISÉ®-MS) AND EXECUTIVE MASTERS PROGRAMS

FULL TIME

- MS Civil Engineering and Eco-design (GCE)
- MS Engineering of Large Energy Structures (GC-GOE), co-accreditation with CentraleSupélec
- MS Public Policies and Actions for Sustainable Development, co-accreditation with AgroParisTech
- MSc Sustainable Impact Analysis (SIA), in partnership with Paris School of Economics

PART TIME

- MS BIM Integrated Design and Life Cycle of Buildings and Infrastructures, co-accreditation with ESTP
- MS Critical Materials (CM)
- MS Sustainable Real Estate and Building, Carbon and Digital Transitions (IBD), RNCP-certified
- MS Infrastructure Project Finance (IPF)
- MS Management of Energy Projects (MEP), RNCP-certified
- MS Energy Renovation of Urban Buildings (REBA), in partnership with École de Chaillot, Cité de l'Architecture et du Patrimoine training department. (Program starts in September 2026)
- MS Railway and Urban Transport System Engineering (STFU), co-accreditation with INSA Hauts-de-France and Université Technologique de Compiègne, RNCP-certified
- MS Smart Mobility – Digital Transformation of Mobility Systems, co-accreditation with Télécom Paris, RNCP-certified
- MS Supply Chain Design & Management (SCDM), RNCP-certified in partnership with Aftral-Isteli
- Executive Master's "Digital Twins for Infrastructures and Cities" with the Polytechnic University of Madrid, the Polytechnic University of Bucharest and Istanbul University.

INNOVATION AND DESIGN CENTER (D. SCHOOL PARIS)

Its mission is to provide training in real innovation project management through design applications:

- D.school Paris trains engineers to take an alternative approach to complex contemporary challenges. Through real projects, conducted in close collaboration with industrial and institutional partners, students learn to explore, develop prototypes and rapidly iterate use-centered solutions.
- Teaching focuses on project-based learning, experimentation and collective intelligence. Participants are immersed in concrete situations calling on design-based solutions (design thinking, design fiction, sustainable design) to transform complex problems into innovation opportunities.
- D.school Paris also offers bespoke training courses and educational experiences for companies and organizations, to foster an innovation-by-design culture and boost their ability to spearhead projects and shape desirable futures.

Vocational training in design and innovation: ME310 Master's in Innovation by Design (RNCP level 7 - "Stanford program") / innovation project leadership through design thinking / innovation project leadership through sustainable design / integrating design fiction into an organization / workshops and mediation / graphic mediation.

ÉCOLE DES PONTS BUSINESS SCHOOL

A subsidiary of ENPC, École des Ponts Business School (EPBS) was founded in 1987 to train management engineers in particular. The School holds AMBA and Qualiopi accreditation, and is a member of the EDBA Council. The Paris campus is located near Gare de Lyon

railway station (12th arrondissement). EPBS offers short and long programs that are innovative and transformative, in terms of both teaching methods and philosophy:

- Executive Doctorate of Business Administration (EDBA-Paris), Global EDBA (in Beijing and Paris with Tsinghua) and specialized DBA (in Shanghai and Paris with Shanghai Jiao Tong University, Shanghai)
- LeadTech Global Executive MBA (Paris and Barcelona with EADA Business School) – ranked #23 in 2025 for Joint MBAs by QS and #1 in the world by CEO Magazine in 2026.
- Global Executive MBA and Executive Certificate in Business Administration (Morocco)

Other main activities: "Executive Education", UNESCO Chair for the Future of Finance, the ReTech Center (for responsible technologies), and European research initiatives, particularly in the fields of circular economy, cybersecurity, agentic AI and digital health. EPBS boasts 8,000 MBA graduates and around 500 DBA (including 90 graduates).

"In business to make a better world", the School's slogan since 1987, embodies the desire to train graduates in business, management, innovation and leadership, to make a positive impact.

PONTS FORMATION CONSEIL

France's leading lifelong learning center for engineering schools.

435

training sessions offered

10

certificates (École nationale des ponts et chaussées diplomas)

2

study days

178

bespoke training courses designed for companies and public authorities, in France and abroad

1,410

instructors (experts and professionals)

5,616

participants (engineers and managers)

48%

public-sector participants

52%

private-sector participants

LES PRESSES DES PONTS

Les Presses des Ponts is the School's own publishing house and was founded in 1977. It has a catalog of **170 scientific and technical** publications and software products mainly covering civil engineering, construction and spatial planning. The 2025 catalog was enriched with **11 new publications**.

INSTITUTE OF ADVANCED DEVELOPMENT AND PLANNING STUDIES IN EUROPE (IHÉDATE)

IHEDATE's annual training cycle is supported by the State (National Agency for Territorial Cohesion and the Ministry for Ecological Transition and Territorial Cohesion), the Territorial Banks - Caisse des Dépôts, CEREMA, local government groupings (Intercommunalités de France, Régions de France), the City of Paris, Voies Navigables de France, private and public companies (ENEDIS, EDF, Groupe La Poste, SNCF Réseau, Bouygues, Nhood, RTE, SMABTP, Leonard-Vinci, Transdev) and professional bodies (ASFA, FNTF, Routes de France, UIMM). The Territories and Mobilities cycle is backed in particular by the Ministry for Transport.

Research



LABORATORIES

11 research laboratories, 7 of which are CNRS Mixed Research Units (UMR) (own laboratories or in partnership with academic players, public organizations, and companies).

4 CORNERSTONE DISCIPLINES

MATHEMATICS AND COMPUTER SCIENCE

- CERMICS: applied mathematics, scientific computing, modeling, optimization
- LIGM: theoretical computing, natural language analysis, image and signal processing, algorithmics, formal calculus

MECHANICS AND PHYSICS OF MATERIALS AND STRUCTURES

- NAVIER: mechanics and physics of materials and structures, applications in geotechnics, civil engineering, geophysics and the oil industry
- LHSV: fluid mechanics applied to hydraulics and the environment (rivers, coasts and harbors)

ENVIRONMENTAL SCIENCES AND ENGINEERING

- CEREAS: air quality, pollutant dispersion and transportation, atmospheric modeling on an urban and regional scale, data assimilation
- CIREN: development and environmental economics, energy / waste / transport / water / food issues, global environmental challenges, precautionary principle, modeling
- HM&Co: multi-scale observation and analysis, system-based analysis, management of water as a risk and resource, hydrology for a resilient city
- LEESU: urban areas and their environment, analysis of urban and peri-urban territories in their socio-technical and environmental functioning
- LMD: atmospheric dynamics, study of the climate and its interannual fluctuations, continental and global scales

ECONOMICS & SOCIAL SCIENCES

- LATTS: social sciences, spatial planning, history, dialog between social sciences and technology and engineering, in private-sector companies and the public sector
- LVMT: analysis and modeling of interactions between transportation and spatial planning
- PjSE: theoretical economics, public economics and labor market economics

4 SOCIOECONOMIC PRIORITIES IN THE ECOLOGICAL TRANSITION:

Research activities that contribute to meeting the challenges of 4 socioeconomic priorities in sustainable development:

- City and mobility systems
- Management of environmental risks and resources
- Industry of the future
- Economics, practices and society

TECHNOLOGY LABORATORY

- The Co-innovation Lab

PROGRAMS STRUCTURING SCIENTIFIC COMMUNITIES

- Bézout (Research Federation): deterministic and stochastic models, discrete mathematics and algorithms, high-dimensional phenomena, imaging and geometry
- FM2P (Research Federation): materials mechanics, biomechanics, digital simulation, innovative processes, mechanics and AI

- EUR Paris Graduate School of Economics (PgSE): economics, globalization and development, markets and organizations, foundations of individual, strategic and social behavior
- EUR IPSL-CGS: Climate change issues and impacts
- E4C, Energy for Climate (Interdisciplinary Center, Institut polytechnique de Paris): research and training in energy and climate issues
- Hi ! Paris: (Interdisciplinary Center created by Institut Polytechnique de Paris and HEC Paris): research and training in digital transformation issues
- Research and Support Unit (UAR) UTOPII – Transdisciplinary Unit for the Orientation and Forecasting of Engineering Research's Environmental Impact in partnership with CNRS Engineering, Aix-Marseille University, ENSAM, INSA Lyon and Sorbonne University
- Research and Support Unit (UAR) Institut Pierre-Simon de Laplace - a federation of 9 Parisian laboratories devoted to climate and environmental science, with research in ocean and atmosphere dynamics, climate evolution, human impact on the environment, and the study of planets in partnership with the CNRS, Sorbonne University, UVSQ, École polytechnique, CEA and IRD.

INDUSTRIAL RESEARCH CHAIRS

CITY AND MOBILITY SYSTEMS

- Maintenance of civil engineering structures (NAVIER): with Sanef-Abertis
- Sciences for rail transportation (NAVIER): with Getlink
- What regulations for the city of the future? (LHSV - LATTS): with RATP
- Environmental research lab (LVMT - Navier): with Vinci, AgroParisTech and Mines Paris-PSL
- Mobility dynamics and prospects (LVMT): with Ile-de-France Mobilités

RISK, RESOURCE AND ENVIRONMENTAL MANAGEMENT

- Fluid mechanics applied to hydraulics and the environment (LHSV): with EDF R&D
- Financial risk (CERMICS): with the Fondation du Risque and its founder Société Générale, École Polytechnique and Sorbonne University

INDUSTRY OF THE FUTURE

- Artificial intelligence for aviation (CERMICS): with Air France
- Sustainability of energy-related materials and structures (Mechanical Engineering and Materials Department): with EDF-DPN
- Supply chain of the future (CERMICS, Industrial Engineering Department): with Renault Group, Louis Vuitton, Decathlon, Michelin and Argon&Co
- AI & Data for Industrial Engineering (Co-innovation Lab and Industrial Engineering Department): with Scalian

ECONOMICS, PRACTICES AND SOCIETY

- Prospective modeling for sustainable development (CIREN): with EDF, TotalEnergies, Schneider Electric, ADEME, GRTgaz, RTE and Mines Paris-PSL
- Development and financing of sustainable infrastructure projects (CIREN/Economics, Management and Financial Science Department): with Meridiam
- Economics of the urban environmental transition (real estate, housing, architecture, spatial planning): with Fondation Louis Bachelier and ENSA Paris-Malaquais
- Futures of quantitative finance (CERMICS): with BNP Paribas and Université Paris Cité



Library, scientific and technical information, heritage and archives

○ TARGETED SERVICES FOR RESEARCHERS

- Targeted support services, advanced library training
- Management of the Open Science plan, with **82%** of scientific publications on Open Access, a HAL portal with **42,700** scientific publications deposited on the HAL-ENPC open archive including **48%** full-text deposits
- Access to the main platforms for scientific journals, and scientific, technical and economic databases

○ AN EXCEPTIONAL HERITAGE COLLECTION

- A historical repository of **110,000** documents, manuscripts, and prints dating from the 18th to 20th centuries, a photo library of more than **13,000** images (bridges, canals, railway stations, portraits of engineers, etc.)
- A digital heritage library, Héritage des Ponts, (in partnership with the Bibliothèque Nationale de France), **322,000** page views on the Héritage des Ponts website, **78,000** visitors
- Museum collections, showcasing the history of France's first engineering school

THE LIBRARY

200
seats

6 project spaces, individual workspaces including at La Source, the School's Learning Center

206,000

documents available for Bachelor's year 3, Master's and research, covering the School's teaching and research fields

15,000
e-journals

more than
100,000
e-books

2 seals of excellence
Associate branch of the French National Library for civil engineering and construction, CollEx (Excellence in Research Collections) on the theme of The City: architecture, civil engineering and urban planning



Staff and resources

564

members of staff employed by the Institution and its subsidiaries on December 31, 2025 (excluding part-time and non-tenured staff and public employees in training)

€58.8M

in financial resources including a **€29.6M** grant for public service costs from the Ministry for Ecological Transition and Territorial Cohesion, and **€344K** from the Ministry for Higher Education, Research and Space

International Relations

73

partner institutions
in 34 countries on 4 continents

43

dual-degree agreements
with universities in 25 countries

509

foreign students

66

students studying
engineering abroad

AMERICAS

- 15 partner institutions
- 6 dual-degree agreements

EUROPE

- 37 partner institutions
- 24 dual-degree agreements

AFRICA AND MIDDLE EAST

- 10 partner institutions
- 5 dual-degree agreements

ASIA

- 11 partner institutions
- 8 dual-degree agreements

Degrees awarded in 2025

279

engineering degrees

66

PhDs

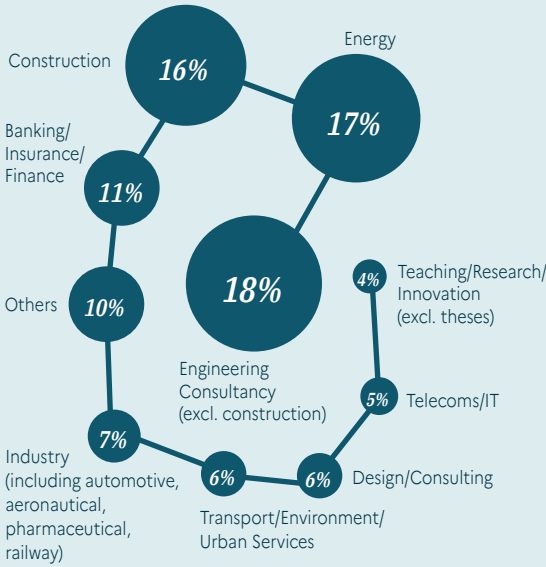
157

Master's degrees

301

specialist programs: "Mas-tère Spécialisé®" and Master of Science

Career opportunities (%)



Average starting salary

€49K

€54.5K

with bonuses and gratuities

Source : 2025 survey of 2024 graduates (excl. civil servants)

The school in national and international rankings

2026 FIGARO ETUDIANT

4th place for the School in this ranking of the best post-preparatory engineering schools. The ranking highlights in particular the quality of teaching, international openness and excellent employability of engineers from ENPC.

2026 L'USINE NOUVELLE

The School was listed in 4th position in this ranking, out of 121 French institutions. The ranking assesses professional integration for graduates, international experience within the curriculum, research and connections with companies.

2025 CHANGENOW / LES ECHOS START

This ranking highlights schools with the longest-standing commitment to ecological and social transition and EPBS is listed in 4th position. The School stands out for its inclusion of environmental and social issues in its curricula / its

network of alumni committed to the impact sector / its future-focused governance and CSR strategy / its employability and academic excellence.

THE 2026 (TIMES HIGHER EDUCATION)

Institut Polytechnique de Paris, of which the School is a member, is listed 68th in the international ranking (rising 3 places since 2025) and 2nd in France. This ranking is based on 18 performance indicators covering teaching, research, research citations, knowledge transfer, international openness, and industry income.

QS WORLD UNIVERSITY RANKINGS: EUROPE 2026

Institut Polytechnique de Paris, of which the School is a member, ranks 19th among 900 European institutions (up 4 places since 2025) and 2nd in France.

The Fondation des Ponts, a vector of generosity in the service of the school

Recognized as being of public utility since 1997, the Fondation des Ponts supports both the growth of the École nationale des ponts et chaussées and its students and alumni via the generosity of donors and partners, and its financial asset management income. It contributes to the School's scientific, academic, and societal renown, as well as strengthened ties with corporations.

In the framework of the alliance with Institut Polytechnique de Paris, it supports the School's key projects, and in particular the construction of a building on the Saclay campus, led in collaboration with Ponts Alumni, for an investment of around €28M.

RESSOURCES IN 2025: €3.14 M

- Individual donations or bequests: €370K from 390 individual donors
- Donations and grants from corporations, institutions, and foundations: €2.656M from 28 partners
- Income from financial asset management: €113K

In 2025, the Foundation notably supported:

- **8 teaching and research chairs**, led by the School, contributing to the development of scientific training and projects linked to major contemporary challenges
- Several **student support** schemes, including:
 - . 69 scholarships awarded
 - . 3 excellence loans for international studies
 - . new schemes such as the INFINITE loan (inte-

rest-free loan without guarantor) or the interest-free loan for young entrepreneurs (2 start-ups supported for €60K)

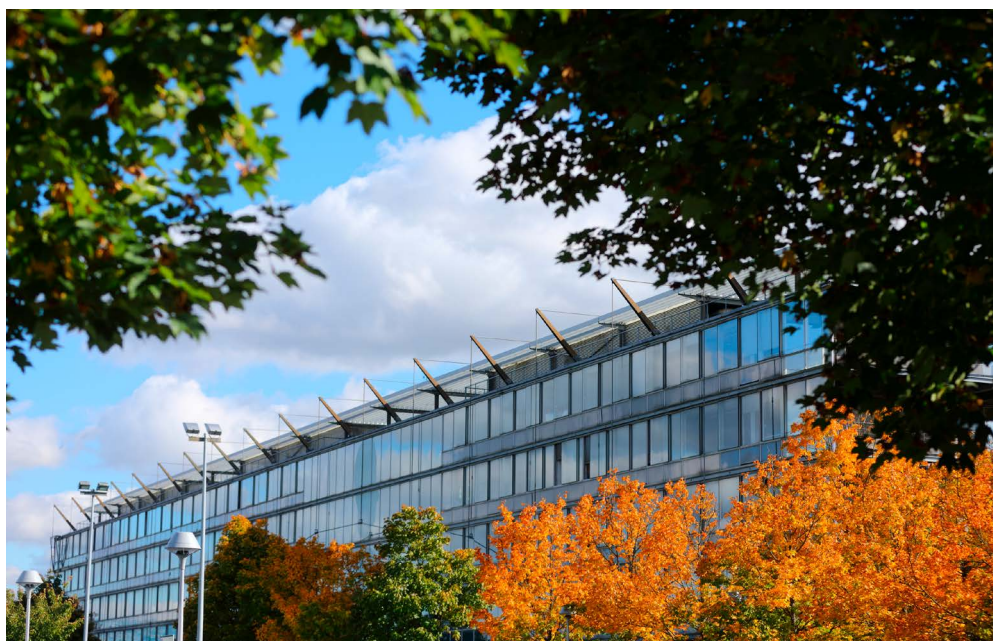
- a **strengthened equal opportunity policy**, with the doubling of the budget for the Ambition Grandes Écoles programÉcoles
- **support for entrepreneurship** via the incentive awards, One Night to Innovate, and the interest-free loan to Pont start-ups
- a **host of projects to benefit the School and its students**, including
 - . a student refugee program
 - . a humanitarian project in Senegal
 - . support for community life and student initiatives (competitions, gala, conferences, a stage musical, etc.)

For more information on all the Foundation's initiatives, visit: www.fondationdesponts.fr

Ponts Alumni

The School's alumni association was founded in 1860 and has charity status. Its members are the School's **22,000 graduates**: civil engineers, high-ranking state engineers, holders of Master's degrees, PhDs and MBAs/DBAs.

The Ponts Alumni network is present in **110 countries** and all the School's sectors of activity. There are 31 geographical groups, including 18 overseas; 15 professional groups, including 4 joint groups with other Grandes Écoles; 3 degree groups (DBA/MBA, Master's, UrbaPonts), 1 international sponsorship group, 1 mentoring program, 1 sponsorship group for refugee students, 13 social clubs, and a number of "Millesimes" groups for friendly gatherings.



ÉCOLE NATIONALE DES PONTS ET CHAUSSEES

6 et 8, avenue Blaise-Pascal - Cité Descartes
Champs-sur-Marne
77455 Marne-la-Vallée cedex 2
Phone: +33 (0)1 64 15 30 00

www.ecoledesponts.fr

Visit the School's halls in 3D! Take a stroll through the school to find out what makes its reputation. Discover interviews with members of the Ponts community and videos presenting the range of courses on offer and life on campus.

