

MASTÈRE
SPÉCIALISÉ®



INFRASTRUCTURE PROJECT FINANCE



ÉCOLE NATIONALE DES
PONTS
ET CHAUSSÉES



IP PARIS

EXECUTIVE MASTER IN INFRASTRUCTURE PROJECT FINANCE

The Executive Master in "Infrastructure Project Finance" is a great way to boost your career in project finance. The Master will deepen your technical knowledge, managerial skills and provide multiple, practical case studies to ensure that you have a very good understanding of the global infrastructure project market. More and more infrastructure projects are currently being financed throughout the world and there has never been a better time to take an interest in this passionate field of expertise.



KEY WORDS

MODELLING
RISK-MAPPING
RISK COVERAGE
PROJECT MANAGEMENT
PUBLIC PRIVATE PARTNERSHIPS
CORPORATE AND STRUCTURED FINANCE
INFRASTRUCTURE PROJECTS
(MOTORWAYS, PORTS, RAILWAY LINES,
FIBRE-OPTIC CABLES, ENERGY PROJECTS,
STADIUMS, DAMS, REAL ESTATE,
DATA CENTRES)

CONTACTS

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PRESENTATION OF "ÉCOLE NATIONALE DES PONTS ET CHAUSSEES":

École nationale des ponts et chaussées is a leading French engineering school preparing future, leaders high level engineers and researchers capable of facing current societal challenges.

In addition to civil engineering and land-use planning, which have historically been its hallmarks, the school is developing training and research excellence related to the challenges of the energy transition or in broader fields, such as Applied Mathematics, Economics and Industrial Engineering.

The Executive Master degree is accredited by the Conférence des Grandes Écoles (CGE) and enables our participants to acquire a specialisation and develop a

KEY FIGURES



345

modules leaders



448

researchers



1,324

part-time
lecturers



12

research
laboratories



1,410

experts and professionals
involved in continuing
education



12

EXECUTIVE MASTERS
WITH NEARLY
50 PROFESSIONAL
PARTNERS



232

MS GRADUATES
IN 2024

1 ⁺ **1**
MSC EXECUTIVE
MASTER

FORMATION



70% taught by business professionals
from both the private and public
sectors

30% taught by professors and



OBJECTIVES

The objective of the Infrastructure Project Finance (IPF) program is to provide students with multidisciplinary knowledge on different areas of expertise of engineering, finance, and law applied to complex infrastructure projects finance.

With a curriculum based on real case studies and lectures given by professionals with significant experience, the program is undoubtedly a fast-track program towards a successful career in infrastructure finance and investment.

WHAT WILL YOU LEARN?

- Students will develop the competencies required to integrate different areas of infrastructure project finance expertise combining engineering, construction, operations, financing, insurance and legal contracts.
- Students will learn to negotiate with all the stakeholders involved in a project.
- Students will acquire the knowledge necessary to develop appropriate term sheets for construction & operations, financing, and contractual & legal aspects of a project.

YOUR PROGRAM

Pedagogical organisation: The program lasts for 12 months and includes 360 hours of lectures, divided into 16 modules, a Professional Assignment for a minimum of 5 months and an Applied Research thesis.

KEY MODULES

Introduction to Project Finance

- Conferences on Principals and Stakeholders
- Fundamentals of Corporate Finance
- Conferences on Public-Private Partnerships
- Spreadsheet skills for Modeling
- Essentials of Project Management

Technical skills

- Tax, accounting and legal issues
- Financial Analysis for Infrastructure Projects
- Modeling
- Structured finance
- Hedging instruments and Risk coverage

Management skills

- Negotiating in a multicultural environment
- Corporate and Social Responsibility

Application to industrial sectors

- Financing Energy projects
- Financing International Infrastructures Projects
- Financing Infrastructure Projects in France
- Final Case Study

FOCUS ON THE PROFESSIONAL THESIS

Students spend a minimum of 5 months in a professional environment (industrial corporation, bank, consulting firm, etc.) to apply the concepts learned and produce a report demonstrating a precise link between theoretical concepts and application.

The thesis defenses take place in front of an academic/professional jury.



REQUESTED PROFILES

Who is this program for?

The program corresponds perfectly to dynamic, multicultural students who are looking for a financial career where you will really see the results of your work. IPF will help you make a difference throughout the world whether you are an engineer, a business-school graduate or from a university legal background. Major infrastructure sectors include: Energy projects, Telecoms, Roads and Bridges, Railways, Stadiums, Dams, Under-sea cables, Data centers and Real Estate.

CREDITS (ECTS*)

75 ECTS including 45 ECTS for the modules, 20 ECTS for the professional thesis & 10 ECTS for the professional mission

REQUIRED LEVEL OF STUDY

Candidates must hold a 4-5-year higher education qualification: Bac+5, or Bac+4 with professional

JOB POSSIBILITIES

- Infrastructure funds (Meridiam, Astris, Macquarie, DIF Capital Partners, Mirova, NEOT Capital, Andera Partners...)
- Concessions (Vinci, Colas and Eiffage...)
- Banks and insurance companies (BNP Paribas, AXA...)
- International law firms (Ashurst...)
- Infrastructure consultancy firms (KPMG, EY, Deloitte...)
- Governments and Public Authorities
- International Public Financial Institutions (Proparco, Caisse des Dépôts et Consignations, World Bank, African Development Bank...)

PROFESSIONAL EXPERIENCE

Professional experience in the energy, finance or project management sectors.

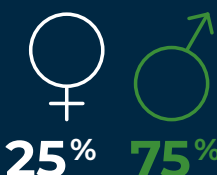


* European Credit Transfer System



100%

employment within
6 months of graduation



55%

French

45%

international
students



PROFESSIONAL EXPERIENCE (BEFORE ENTERING PROGRAM):



10 years or more

17%



Between 5 years and 10 years

17%



Between 1 and 5 years

58%



Between 6 months and 1 year

8%

CAREER PROGRESSION:

Infrastructure project finance analyst



Infrastructure project finance Associate Director



Infrastructure project finance Director

JOIN OUR EXISTING PARTNERS

The Infrastructure Finance projects Executive Master was launched in 2016.

Major partners and members of our Orientation Committee include :

Special thanks to:

Meridiam
for people and the planet

ashurst

ESTER
L'AMBICTION D'UNE FINANCE MAÎTRISÉE.

Astris Finance

QUAEROCAPITAL

COLAS
WE OPEN THE WAY

stoa
INFRA & ENERGY

infra-venir

mazars

Special thanks to the following companies who frequently propose internships and multiple career possibilities throughout the world:

EY, Deloitte, Engie, Vinci Concessions, Eiffage Concessions, NEot Capital, Andera Partners, Mirova, Mazars, Egis, Kéolis, BNP Paribas, 8Advisory, Bpi France, Total Eren...

IF YOU ARE
INTERESTED IN
PARTNERING
WITH THE EXECUTIVE
MASTER IPF?



PLEASE CONTACT:

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Program Director
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ADMISSION PROCEDURE

APPLY ONLINE

<https://www.ecoledesponts.fr/en/advanced-master-infrastructure-project-finance>

RECRUITMENT PROCEDURE

Candidates can enroll in the program if their application has been retained by the jury (apply online). The selection process includes an interview.

PROGRAM FEE

Cost:

- €18,000 for students who pay for the course themselves.
- €21,500 for students for whom the course is financed by a company or organisation. These prices are subject to change

Current course fees not liable to VAT.

THE BEGINNING OF ACADEMIC YEAR

Start Date: Early September
Coursework takes place from: September to January

Stage: February to September

CAMPUS LOCATION

The course will be taught at the following venue:

École nationale des ponts et chaussées
Cité Descartes - Champs-sur-Marne
6 et 8 avenue Blaise Pascal
77455 Marne-la-Vallée



ÉCOLE NATIONALE DES PONTS ET CHAUSSEES

6 et 8 avenue Blaise Pascal - Cité
Descartes
Champs-sur-Marne
77455 Marne-la-Vallée CEDEX 2



RÉPUBLIQUE FRANÇAISE

*Liberté
Égalité
Fraternité*



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