



# MS EEDD international track ENVIM

EnvIM is the result of a 18 years of experience with international and European partners, designed and managed by academics and professionals, leading to the Post-Master's Degree from MINES Paris-PSL, Certified by the Conférence des Grandes Écoles CGE and RNCP.



## ABOUT US

EnvIM - international track of the Post Master EEDD "Expert in Environment and Sustainability" - has been offering high-level specialization in an international context for over 18 years. Since 2007, EnvIM has been training managers in ecological transition and sustainable development for international careers in institutions, companies and organizations where these issues are major challenges

Designed for young graduates and professionals this professional training program offers an opportunity to specialize or acquire dual skills that are immediately operational in the corporate world.

This program leads to the **Mastère Spécialisé®** degree "Expert in Environment and Sustainability", international track EnvIM :

- applicants with various backgrounds and university curricula are welcomed
- course provided 100% in english
- work-study contracts in companies or local authorities are possible, RNCP accreditation no. 39578
- graduates' benefit from two dynamic networks, ISIGE Alumni, and MINES Paris Alumni networks.



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## OUR MISSION

EnvIM is designed to equip students with key competencies required for professional practice, combining theoretical foundations with applied learning, integrating lectures, case studies, projects, and workshops to ensure a comprehensive educational experience, providing students with both cutting-edge knowledge and real-world insights to prepare them for their careers.

Thanks to an innovative and practical pedagogy, case studies and projects are co-designed together by academics with professional partners and experts. Participants in this training program have the rare opportunity to study from local and international players. The course covers the systemic, scientific, environmental, political, and social aspects of transition.

EnvIM provides students with a comprehensive understanding of today's global challenges from data management to assessment and multi criteria analysis tools, to responsible strategy and forward-thinking decision-making skills.

EnvIM welcomes young graduates holding a master's degree or young professionals who wish to complete their curriculum with a specialization to be part of the management, the design and implementation of resilient and ecological transition,



# ACADEMIC PROGRAM

## PROGRAM OVERVIEW

A 12-month program conducted in English, comprising two distinct periods:

### Academic Period (6 months):

- Total of 450 hours of classes focused on theoretical knowledge and practical skills.

### Professional Period (6 months):

- Opportunity to work within a company or organization, preparing a professional thesis.
- Thesis defense scheduled for December.

**Location :** Mines Paris - PSL campus in Paris, with an immersive weeklong field trip in Europe.

## TUITION AND FEES AND FUNDING

The tuition fees and registration fees include fieldtrips: €14,000 and registration fees €800 .  
Program opens to work-study (apprenticeship) or self payment for non-work-study students



100% in  
English



12 months  
program



Allowed work-  
study (apprenticeship)



innovative  
pedagogy



### Five main key topic

each designed to equip students with key competencies required for professional practice.

### Innovative pedagogy

combine theoretical foundations with applied learning, integrating lectures, case studies, projects, and workshops to ensure a comprehensive educational experience.

### Professional skills training

courses and projects are delivered by a team of professionals and academics, providing students with both cutting-edge knowledge and real-world insights to prepare them for careers in environmental management and sustainability.

## PROGRAM OUTLINE

### 1 THE ENVIRONMENTAL CHALLENGES

Acquire and understand the scientific knowledge of ecological transition, based on the planet boundaries, the major socio-environmental challenges societies and enterprises are facing today, how these issues are multi-faceted, based on different scales, and require a systemic approach in a 360-degree vision.

### 2 FRAMEWORK FOR RESILIENT COMPANIES AND SUSTAINABLE STRATEGY

Understand corporate structures, how enterprises commit sustainable and resilient practices that align with both environmental, economic and societal goals in their organizations. Explore the challenges posed by global changes and new uncertainties, new risks for business and its supply chain, concerns that shape corporate responsibilities of enterprises.

### 3 TOOLS AND METHODS

Companies integrate sustainable innovations into their strategies to remain resilient and competitive, design low impact solutions, more resilient and robust, with the use of multi-criterial analysis tools and methods based on the life cycle principles, enabling to draw up action plans and a sustainable strategies for these new trajectories.

### 4 TRANSITION IN INTERNATIONAL CONTEXT

Handle multiple and complex challenges of large infrastructure projects in international context, considering the need for development as well as social and environmental impacts, in a context of growing uncertainties. Learn to bring together project teams, companies' various decision-making levels in a common vision. Understand and consider the positions and expectations of the various stakeholders, to co-construct sustainable strategies.

### 5 ENVISION THE FUTURE : PROSPECTIVE

From local to global scales, develop a forward-looking vision for the environment in the global sense by fostering anticipatory thinking, explore methodologies and frameworks for future-oriented decision-making, identifying emerging trends, risks, and opportunities.

Analyze the targets, the stages and trajectories for the sustainable strategy of company's eco-system, for a resilient and responsible businesses, for breakthrough but with low impact innovative solutions.

# PROJECTS PORTFOLIO

**01** **Eco-design for energy transition** : design a low environmental impact solution for energy transition and low carbon development, drive a green and sustainable project in an international context. Propose and study an innovative solution and its business model, considering cradle to grave impacts, in a life cycle perspective, as well as its social impacts.

**02** **Agricultural commodities and their supply chain**: Analyze ways to develop a more responsible and resilient supply chain, to manage and mitigate risks and resources management, to minimize environmental impacts and support sustainability. Based on main commodities this project focuses on the stake holders needs, from the producers to the consumers. The purpose is to learn to address key environmental challenges and strengthen a company's long-term strategy

**03** **International large infrastructure project** : integrating a holistic environmental and social perspective into development projects at both the local and global levels, especially those involving major infrastructure initiatives – project objectives, environmental and social impacts from the project, cumulative impacts on a larger territory, and impacts on the project due to climate change

**04** **Case studies on the biodiversity** : climate nexus, observation practices on the field, initiation to data management, and Geographic Information Systems? Then on new assessment tools and methods for decision makers.

**05** **Urban workshop and field trip in Italy, spring 2024**: perspectives for a post-industrial deprived area close to the city center, diagnosis on the field, analysis of solutions for an inclusive, healthy, net zero district. With the support of researchers from the Politecnico di Torino, students developed an empirical, evidence-based and thematised diagnosis of the district, before suggesting a new strategic concept and a plan of actions to sustain this strategy. Presentation in front of the City of Turin, and a local NGO



## PROFESSIONAL TRAINING

The academic period is followed by a 6-month period where students are asked to develop a project that will be unfold in a Professional Thesis as a culmination of the program. They carry out environmental assignments with high added value for the company. During this period students receive personalized support from academic expert.

Student in work-study contract complete their training period in their hosting company, non-work-study contract students complete their academic period with a study conducted either in a company, a public institution or an NGO in the form of an internship or a job contract.

Examples of professional thesis topics

- ELECTRONICS: Eco – design of low impact solutions for a more circular economy
- COMMODITIES: Resources and raw material assessment: risks and opportunities for a resilient supply chain, case of wood and copper
- INSURANCE: Pathways toward net zero in a context of growing uncertainty
- LARGE INFRASTRUCTURES Development of greener and fair large infrastructure projects in south America, example of a highway in Perou
- INDUSTRY : perspectives and targets, for a decarbonation pathway in heavy industry
- AGRO-INDUSTRY : Sustainable agriculture initiative, framework to enhance sustainability outcomes for water and biodiversity
- AGRICULTURE AND NEW TECHNOLOGIES: assessment of sustainable innovations for a low carbon agriculture
- MANUFACTURE: : Integrating new materials and new practices for a circular and viable economy
- LUXURY: decarbonation, and low carbon strategy – financing ambitious biodiversity strategies
- WASTE: key Factors Influencing the Success of Waste Management in the Middle East: Regulatory, Cultural, and Environmental Perspectives with Lessons from Global Practices

Each student submit and defend a professional theses in front of a committee of academics and professional



**2024 DEFENSE ENVIM THESIS TOPICS**



## AFTER GRADUATION

Graduates work in various sectors, as experts for sustainably and transition, in Corporates, enterprises, start up, Specialized or High-level consultancy groups, NGOs, Think tanks and independent research institutes, public agencies for environment or cooperation projects...



**OUR STUDENTS**



## CONTACT US

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### **MINES Paris Campus**

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