

DEFENSE ENVIM THESIS TOPICS

28-30 November 2023

19-20 December 2023

POST-MASTER[®]

INTERNATIONAL ENVIRONMENTAL MANAGEMENT EnvIM

Academic year 2022-2023



The Post-Master EnvIM is designed for young graduates holding a master's degree or young professionals who wish to complete their curriculum with a specialization for ecological transition, to be part of the management of environment and energy issues and solutions, in an international context. Participants in this training program, which is based on an innovative and practical pedagogy, will have the rare opportunity to study from local and international players in Europe and Asia, thanks to the wealth of many case studies, and to the industrial partners and experts involved in its lectures, workshops and projects.

EnvIM is the result of a 16 years of experience with international and european partners, leading to the International Post-Master's Degree from MINES Paris PSL, Mastère Spécialisé certified by Conférence des Grandes Ecoles CGE.

EnvIM program is proposed through options organized with a common core program in France, the program is offered in english language. Participants can benefit from the variety of backgrounds of students coming from various countries and various initial academic pathways, creating a multi cultural context for studying together and sharing experiences. The common core program deals with all the challenges for ecological transition, using systemic approaches and tools for decision makings.

- "option EnvIM Asia" is a 14-month program designed in cooperation with Tsinghua University, offering students the chance to develop new skills through France and China, through a rich generalist pathway on environmental management.
- "option EnvIM World" 12-month in France, a program designed for students having a professional project in relation with international challenges of environmental issue.

These programs offer students various opportunities to clarify and nourish their professional projects in an international context, acquire new competencies and experiences for environmental and energy transition, with the help of many case studies. They will learn and apply new knowledge's, unfolding new abilities, depending on their aspiration during 6 month internship in a company. Small groups and high rate of Professors per students eases a close guidance for each student during the academic period and the period in the company as well.

This document presents the 15 professional thesis topics for the 2022 - 2023 promotion of the post-master. The defense thesis will take place at the École des Mines de Paris, 60 boulevard Saint Michel, from 28 and 30 November 2023, then on 19 and 20 December according to the schedule on page 5.



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MASTÈRE SPÉCIALISÉ® INTERNATIONAL ENVIRONMENTAL MANAGEMENT EnvIM

EnvIM Asia - November 28th

Pietro MANTOVANI – *IBIS Consulting*

Paris Aligned Financial Flows : Practical Application of Multi lateral Development Banks' Mitigation Methodology for Development Projects in Africa

Manuella FELTRE – *ENGIE – Confidential*

Do the climate related risks impact the cost of capital ?

EnvIM Asia - November 30th

Jade ZHOU – *REXEL*

The comptablity of electrical products with a LCA based method

Elsie NAKHLE – *ENGIE*

EU Taxonomy « Disclosed » : Shaping the Future of Sustainable Business Practices

Likhwa NDLOVU – *UNIVERSITY OF PENNSYLVANIA'S Clean Energy Conversions Lab*

Pairing Direct Air Capture with Geothermal Energy : Considerations for Responsible Scaling in Nevada

EnvIM World – December 19th

Maxime TRAP – *PROPARCO*

Methodology for Calculating Greenhouse Gas Emissions from Financial Activities of a Financial Institution : Development, Assessment and Applications

Valentin RACT – *AFD*

Geospatial application to enhance the assessment of environmental risks and impacts associated with projects funded by the French Development Agency (AFD) in the Agriculture, Forestry and Other Land Use Sector (AFOLU) ?

Rémi VELEZ – *COMMUNAUTÉ D'AGGLOMÉRATION DU GRAND CHÂTELLERAULT*

How to integrate energy into urban and territorial planning, current situation for French mid-sized cities

Catherina DAOUD – *FORVIA FAURECIA*

How Multinational Automotive technology Manufacturing Companies Can Face Challenges When It Comes to Waste Management

M'Aya FADIKA – METRO

Analysis of the impact of the regulatory context on METRO France's food offer and study of the efficiency of the third decarbonization lever

Walaa MRAD – iCARE&Consult – Confidential

Integrating biodiversity impacts in the life cycle assessment of a hydroelectricity project : a case study of the Poutès dam

Maya MIKAIEL – INSTITUT FRANÇAIS DE LA VIGNE ET DU VIN

Carbon footprint of eco-conceived wine cellar and energetic optimization in winery buildings review

Noëllie VIENNET – APL DATA CENTER

From a low carbon strategy to a low environmental impact inducing strategy, within the ICT sector

Hssine BENHROUZ – JCDECAUX

Climate strategy implementation challenges at the corporate level of a major international group

Day	Time	Student		Topic	Company
28-Nov L227	11.00 AM	Pietro	MANTOVANI	Paris Aligned Financial Flows : Practical Application of Multi-lateral Development Banks' Mitigation Methodology for Development Projects in Africa	IBIS CONSULTING
	4.00 PM	Manuella	FELTRE	Do the climate related risks impact the cost of capital ?	ENGIE <i>Confidential</i>
30-Nov L312	1.30 PM	Jade	ZHOU	The comptability of electrical products with a LCA based method.	REXEL
	3.00 PM	Elsie	NAKHLE	EU Taxonomy « Disclosed » : Shaping the Future of Sustainable Business Practices.	ENGIE
	4.30 PM	Likhwa	NDLOVU	Pairing Direct Air Capture with Geothermal Energy: Considerations for Responsible Scaling in Nevada	UNIVERSITY OF PENNSYLVANIA'S Clean Energy Conversions Lab
19-Dec L213	9.30 AM	Maxime	TRAP	Methodology for Calculating Greenhouse Gas Emissions from Financial Activities of a Financial Institution : Development, Assessment and Applications	PROPARCO
	11.00 AM	Valentin	RACT	Geospatial application to enhance the assessment of environmental risks and impacts associated with projects funded by the French Development Agency (AFD) in the Agriculture, Forestry and Other Land Use Sector (AFOLU) ?	AFD
	2.00 PM	Rémi	VELEZ	How to integrate energy into urban and territorial planning, current situation for French mid-sized cities	COMMUNAUTÉ D'AGGLOMÉRATION DU GRAND CHÂTELLERAULT
	4.00 PM	Catherina	DAOUD	How Multinational Automotive technology Manufacturing Companies Can Face Challenges When It Comes to Waste Management	FORVIA FAURECIA

Day	Time	Student		Topic	Company
20-Dec L213	9.00 AM	M'aya	FADIKA	Analysis of the impact of the regulatory context on METRO France's food offer and study of the efficiency of the third decarbonization lever	METRO
	10.30 AM	Walaa	MRAD	Integrating biodiversity impacts in the life cycle assessment of a hydroelectricity project : a case study of the Poutès dam	ICARE&CONSULT
	2.00 PM	Maya	MIKAIEL	Carbon footprint of eco-conceived wine cellar and energetic optimization in winery buildings review	INSTITUT FRANÇAIS DE LA VIGNE ET DU VIN
	3.30 PM	Noëllie	VIENNET	From a low carbon strategy to a low environmental impact inducing strategy, within the ICT sector	APL DATA CENTER
	5.00 PM	Hssine	BENHROUZ	Climate strategy implementation challenges at the corporate level of a major international group	JCDECAUX

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