

# Coline Metta-Versmessen

PhD Candidate – Environmental and Energy Economics  
LEDa, Dauphine University, Climate Economics Chair, Paris, France  
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## Education and Academic Positions

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**PhD Candidate – Environmental and Energy Economics,** 2022–2025  
*Paris Dauphine PSL University, Climate Economics Chair*  
*EDF R&D, Paris, France*  
**Thesis:** *Emission Trading System in Policy Mixes*  
Academic Supervisors: Prof. Anna Creti, Prof. Olivier Massol  
EDF Supervisors: Dr. Corinne Chaton, Florent Le Strat

**Visiting Researcher,** Autumn 2023  
*HIVA, KU Leuven, Belgium*  
*invited by Prof. Kris Bachus*

**M.Sc. Climate, Energy and Transport Economics,** 2021  
*Paris-Saclay University, AgroParisTech, IFPen School, Paris, France*  
Graduated with Honors  
**Thesis:** *Carbon Contracts for Differences*  
*for the Development of Low-Carbon Hydrogen in Europe*

**Prep School in Literature and Social Sciences,** 2019  
*Faidherbe Prep School (CPGE), Lille, France*  
Graduated with Honors

## Scientific Production

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### Publications

“The Carbon Contract for Differences, A Suitable Tool for Hydrogen Decarbonization?”, with Corinne Chaton, *Revue Économique*, 2023/5 (Vol. 74), p 705-737, Presses de Sciences Po

“The New Emission Trading System on Diffuse Emission in the European Policy Mix”, with A. Creti, *Revue D'Économie Financière*, 2024, n°155

### Ongoing Work

“Beyond Uniformity: Measuring the Stringency of Climate Policy Mixes Across Sectors and Countries”, Single Author (Draft available upon request)

“The Short-Run Effects of ETS2: Market Adjustments, Household Burden, and Policy Responses”, with A. Creti (Draft available upon request)

“Waste Trading System: Managing Waste with High Population Density and Low Sorting Rate”, with J. Metta, FAERE Working Paper, 2024.03

“Environmental Tax for Waste Management in Guinea: Does the Provision of Quality Waste Collection Service Impact Environmental Tax Compliance ?”, With Mamadou Bary, Anna Creti and Julie Metta.

## Scientific Events

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### Organization

<b>LEDA's Seminars</b> , <i>Dauphine University - PSL</i> , France, with L. Henri, A. Thomas, E. Perdrix, C. Rimbaud	2023–2025
<b>Doctoral Days</b> , <i>EDF R&amp;D</i> , France, with P. Schwartz	2023–2024
<b>Friday Lunch Meetings</b> , <i>Climate Economics Chair</i> , France, with A. Blanchard and C. Berenger	2022–2024

### Invited Speaker

Public Policy Seminar, <i>LEM</i> , Lille, France	2025
AEFR Conference, REF 155 "Financer la transition énergétique", <i>CRE</i> , Paris, France 66th Session of PSL Mines/Dauphine Seminar, Paris, France	2024

### Accepted Papers

11th PhD Day, 'Public Policy Analysis', <i>Le Havre Normandie University</i> , Le Havre, France	2025
10th Annual Conference on European Climate Policies, <i>FSR</i> , Florence, Italy	2024
11th Annual Conference, <i>FAERE</i> , Strasbourg, France	
29th Annual Conference, <i>EAERE</i> , Leuven, Belgium	
9th Annual Conference on European Climate Policies, <i>FSR</i> , Florence, Italy	2023
24th Global Conference on Environmental Taxation, Paris, France	
5th International Summer School, <i>CIREN</i> , Paris, France	
71st Annual Congress, <i>AFSE</i> , Paris, France	
Journées de Microéconomie Appliquée, <i>JMA</i> , Strasbourg, France	
Belgian Environmental Economics Day, <i>BEED</i> , Brussels, Belgium	
Foundations for Energy and Climate Policies, <i>FSR Summer School</i> , Florence, Italy	2022
9th Annual Conference, <i>FAERE</i> , Rouen, France	
70th Congress of the French Economic Association, <i>AFSE</i> , Dijon, France	
Innovation and Climate Change Governance, <i>INRAE-PSAE Workshop</i> , Paris, France	
Current and Future Challenges to Energy Security, <i>AIEE Symposium</i> , Online	2021
Évaluation des Politiques Publiques, <i>AFSE-DG Trésor</i> , Online	

## Teaching

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<b>Lecturer</b> , <i>Paris Dauphine University - PSL</i> Microeconomics – 2nd year Bachelor level Conducted courses, tutorials, exams preparation, and correction <i>Prof. S. Meritet and F. Bien</i>	2022–2023
<b>Invited Lecturer</b> , <i>CentraleSupélec</i> Circular Economics - Bachelor of Global Engineering <i>Prof. O. Massol</i>	2024

## Other Work Experiences

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**Thesis Preparation, EDF Lab R&D** 2020–2021

Analyzed the Green Deal Impact Assessment

Assessed the inclusion of buildings and transport in the EU-ETS

Conducted literature reviews on overlapping climate policies

Developed theoretical models

**Intern CEE Project Officer, Cameo, France** 2020

Mastered the directives on Energy Saving Certificates

Verified conformity for insulation projects

**Intern Marketing Development, Asianova Consulting LTD, Hong Kong** 2015

Developed a range of biotechnology-based cleaning products for restaurants

Identified targets and conducted sales negotiations

## Responsibilities

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**PhD Referent, EDF Lab R&D, France** 2022–2024

**Co-Manager, Agromigrateur, France** 2019–2020

**Co-Founder, Students' House Faidherbe, France** 2014–2016

## References

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**Corinne Chaton, PhD**

Professor and Researcher,

Dauphine University and EDF R&D

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**Anna Creti, PhD**

Professor and Chair Director,

Dauphine University, Climate Economics Chair

anna.creti@chaireeconomieduclimat.org

Additional references available upon request