

Darius Corbier

Email : darius.corbier@cmcc.it

Other: French citizen, DOB: 16/04/1991

Website: <http://dariuscorbier.com/>

RESEARCH EXPERIENCE

Centro Euro-Mediterraneo sui Cambiamenti Climatici

Milan, IT

Junior Scientist

2024 –

Investigator of the Horizon-Europe project no 101081604 (<https://www.net0prisma.eu/>):

- Deliverable contribution as an investigator:
 - i. “Open-Source lifestyle change model and IAM linkage source code. The LIFE model: empirical foundations, generic coupling process, demonstration case studies, and linkage source code” (*with Alessio Mastrucci, Hazel Pettifor, and Thomas Le Gallic*) (2024)
- Contributions to the scientific coordination:
 - i. Monitoring the progress of research activities (deliverables and milestones) across the project’s partners.
 - ii. Lead bi-monthly Steering Committee meetings to facilitate communication, coordination, and alignment of efforts among partners.

Postdoctoral Researcher

2022–2023

Investigator in the Horizon-Europe project n. 101056868 (<https://circomod.eu/>):

- Development of the CIRCular Energy-Economy model (CIRCEE)
- Deliverables contributions:
 - i. https://circomod.eu/wp-content/uploads/2024/05/Circomod_deliverable1.1.pdf
 - ii. <https://circomod.eu/wp-content/uploads/2024/04/Circomod-Deliverable-1.2.pdf>
 - iii. <https://circomod.eu/wp-content/uploads/2024/04/Circomod-Deliverable-3.1.pdf>

Environmental Protection Agency (EPA)

Dublin, IE

Independent Evaluator

2025

Review proposals submitted under the research topic “Optimal extended producer responsibility (EPR) models for the Circular Economy”.

French electricity TSO - Réseau Transport d'Électricité

Paris, FR

Postgraduate Researcher

2017–2021

Developing an economy-electricity hybrid model soft-linked to a bottom-up power generation dispatch model to analyze the macroeconomic impacts of energy transition policies in the French power system.

RESEARCH
PAPERS

Shaping sustainable consumption practices: changing consumers' habits through lifestyle changes and Extended Producer Responsibility schemes in Japan (2025)

(with Hazel Pettifor, Maureen Agnew and Miyuki Nagashima)

Resources, Conservation & Recycling

<https://doi.org/10.1016/j.resconrec.2025.108214>

Effets macroéconomiques d'une transition bas carbone en France : quelques enseignements d'un modèle académique empirique (2025)

(with Frédéric Gonand)

Revue de l'Énergie

<https://www.larevuedelenergie.com/abonnement/la-revue-de-lenergie-n677/>

CIRCEE, the CIRCular Energy Economy model: Bridging the gap between economic and industrial ecology concepts (2024)

(with Hazel Pettifor, Maureen Agnew and Laurent Drouet)

Journal of Industrial Ecology

<https://doi.org/10.1111/jiec.13587>

A hybrid electricity-economy model to assess the aggregate impacts of low-carbon transition: An application to France (2024)

(with Frédéric Gonand)

Ecological Economics

<https://doi.org/10.1016/j.ecolecon.2023.108027>

The aggregate effects of the structure of information in low-carbon transition policies: An application to France (2023)

(with Frédéric Gonand)

Energy and Climate Change

<https://doi.org/10.1016/j.egycc.2023.100115>

The aggregate effects of the structure of information in low-carbon transition policies: An application to France (2018)

(with Frédéric Gonand and Marie Bessec)

Environmental Modelling and Assessment

<https://doi.org/10.1007/s10666-018-9621-7>

Incentivizing repair over replacement in Japan: the role of economic incentives and lifestyle changes in reducing waste and resource use

(with Hazel Pettifor and Maureen Agnew)

Under review at *Global Environmental Change*

EDUCATION

University Paris Sciences & Lettres (PSL)

PhD in Economics

Advisor : Professor Frédéric Gonand

Paris, FR

2021

	University Paris Sciences & Lettres (PSL) MA in Economics Major: Energy and Environmental Economics	Paris, FR 2016
	University Paris Sciences & Lettres (PSL) Bachelor's degree in Economics	Paris, FR 2013
TEACHING	Panthéon-Assas University Teaching Assistant in Undergraduate Macroeconomics	Paris, FR 2018-2020
GRANTS, and SCHOLARSHIPS CONFERENCES & SEMINARS	French Ministry of Higher Education and Research Grant under the Industrial Agreement for Training through Research n°2017/0886 Commission de Régulation de l'Energie KDI Public School of Policy and Management Seminars, International Global IAM Workshop, International Industrial Ecology Day, IAEE International Conference, IAEE European Energy Conference Research Institute of Innovative Technology for the Earth (RITE), International Industrial Ecology Conference Waseda University Seminars, KDI Public School of Policy and Management Seminars, Circular Economy Workshop of the EAERE conference European Association of Environmental and Resource Economists (EAERE), 22nd European Roundtable on Sustainable Consumption and Production (ERSCP), Asian Association of Environmental and Resource Economists (AAERE), Yonsei University International Workshop on CGE Modeling	2017 2021 2022 2023 2024 2025
LANGUAGES	French (mother tongue) English (fluent) Japanese (JLPT4 in 2023, JLPT3 in preparation for 2025)	
REFERENCES	Prof. Gonand Frédéric Professor at University PSL Paris-Dauphine Email: frederic.gonand@dauphine.psl.eu Dr. Drouet Laurent Senior Scientist at CMCC Email: laurent.drouet@cmcc.it Dr. Pettifor Hazel Senior Researcher Associate at the Environmental Change Institute of the University of Oxford Email: hazel.pettifor@eci.ox.ac.uk	