

## Status

- Postdoctoral researcher at RFF-CMCC European Institute on Economics and the Environment (EIEE) in Milan, Italy
- Ph.D. in Economics from the University of Paris-Dauphine, PSL.

## Research areas

Involved in the CircEUlar project at EIEE (HORIZON EU)

Environmental economics ; Circular economics ; International economics ; Industrial economics ; Public policy evaluation.

## Education

- 2017 – 2021 **Doctor of Philosophy in Economics**, *University of Paris Dauphine - PSL Research University*, Laboratoire d'Economie de Dauphine (LEDa), CGEMP, Paris, France.  
**Dissertation title** : Developing a Circular Economy : Public Policies and Responses of Economic Actors.  
**Advisor** : Dr. Stéphanie Monjon  
Research visiting at Polytechnique Montreal, GMT, Montreal (March 2020- interrupted by the pandemic)  
Part-time research stay at Mines Paristech, CERNA, Paris (March 2019- March 2020)  
Research visiting at DIW, Climate Policy, Berlin (May 2018-July 2018)
- 2014– 2017 **MRes International Economics and Development**, *Université Paris Dauphine*, Paris, France.
- 2011– 2013 **Bachelor of Applied Economics**, *Université Paris Dauphine*, Paris, France.  
Third year in exchange at University of Vienna, Austria.

## List of publications and work in progress

### Work in progress

- [Estimating the effect of the excise tax and the recycling subsidy on source reduction and recycling of polystyrene packaging in Quebec.](#)  
Co-authored with Karima Afif & Bocar Samba Ba (Université de Laval)
- [Tax-subsidy schemes for recycling when quantity and quality of waste matter.](#)  
Co-authored with Karima Afif & Bocar Samba Ba (Université de Laval)
- [Recycling in a Globalised Economy](#)  
Communications : *IPWSD 2021 Columbia University, New-York City (online)*; *IAERE 2021, Brescia; (online)* *EAERE 2021, Berlin (online)*; *EEA-ESEM 2021, Copenhagen (online)*; *FAERE 2021, Grenoble*; *EAERE summer school 2021, Seggau*; *CIREC seminar, 2022, Paris*; *ESCP seminar, 2022, Paris*; *CEEM seminar, 2022, Montpellier (forthcoming)*
- [Implementing a Circular Economy with Producer Responsibility Organisations](#)  
Co-authored with Pierre Fleckinger (Mines Paristech, PSE).  
Communications : *EAERE 2020, Berlin (online)*; *FAERE 2020, Grenoble (online)*.

## Publications.

- Joltreau, E. (2022) "Extended Producer Responsibility, Packaging Waste Reduction and Eco-design", *Environmental and Resource Econ.*

Communications : *EEA-ESEM 2018, Cologne* ; *DIW Berlin, Climate Policy seminar* ; *Dauphine PhD Workshop* ; *Dauphine CGEMP Internal seminar* ; *Mines-Paritech CERNA seminar* ; *IPWSD 2020 Columbia University, New-York City (online)* ; *Climate Economics Chair, lunch seminar, Paris.*

- Chiappinelli, O. *et al.* (2020) "A Green COVID-19 Recovery of the EU Basic Materials Sector : Identifying Potentials, Barriers and Policy Solutions", *Climate Policy.*
- Joltreau, E. and Sommerfeld, K. (2018) "Why Does Emissions Trading Under the EU ETS not Affect Firms' Competitiveness? Empirical Findings from the Literature", *Climate Policy.*
- Joltreau, E. (2018) "Pricing products' negative externalities at end-of-life using eco-modulation. Discussion from case studies", *Economics and Policy of Energy and the Environment.*

## Reports and other.

- Joltreau, E. (2022) "Five Years after China's Plastic Import Ban : Have Europeans Taken Responsibility ?", Briefings de l'Ifri, July 4, 2022
- Joltreau, E. (2019) "(De)globalisation of International Plastic Waste Trade. Stakes at Play and Perspectives", Édito Énergie, IFRI, 18 September 2019
- Neuhoﬀ *et al.* (2018) "Filling gaps in the policy package to decarbonise production and use of materials", DIW & Climate Strategies.
- OECD Science, Technology and Industry Scoreboard 2017

*Analyses (in French) for BSI Economics, a French Think Tank on economics and finance*

- Note, 2021, "The economy of plastics" ; podcast for Melchior
- Note, 2020, "Solidarity reuse"
- Chapter "Complementary local currencies" in the book, *Je comprends enfin l'économie*, DUNOD, 2019.
- Note, 2018, "International waste trade"

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## Teaching and training experience

- 2022 **Environmental Economics**, Université Paris Dauphine, Paris, France.  
*Content : Environmental policy and instruments ; Pareto-optimal pollution level ; marginal abatement cost curve (expert-based and model-based)*  
Lecture (French) for the Master of Sustainable Development (6h, 2nd semester)
- 2022 **Circular Economics : An Acquired Waste**, ESCP Business School, Paris, France.  
*Content : Definition of waste, state of the art, physical possibilities of a circular economy, economic modeling, public policies and geopolitical issues*  
Lecture (English) for the Master of Management MiM (2h, 1st semester)
- 2021 **Circular economy policies**, Université Paris Dauphine, Paris, France.  
*Content : Regulatory framework ; regulatory targets and restrictions ; EPR ; incentive instruments*  
Lecture (French) for the Master of Finance (1h30 x2, 1st semester)
- 2021 **The circular economy, public policies and local government action**, CIDEFE, Paris, France.  
Training (French) for local elected officials (municipalities). A day co-organised with E. Lorang.

2020-2021 **Microeconomics, L3**, Université Paris Dauphine, Paris, France.  
*Content* : Intertemporal general equilibrium, Fisher's theorem, arbitrage valuation of financial assets, intertemporal general equilibrium under uncertainty.  
Lectures and exercises (French) at the third year undergraduate level (3h/week, 1st semester)

2020 **Statistics, L3**, Université Paris Dauphine, Paris, France .  
*Content* : Survey, inference, sampling, parametric and non-parametric test theory, usual theoretical laws and approximations of laws, sampling distributions, confidence intervals, parametric and non-parametric hypothesis testing.  
Lectures and exercises (French) at the third year undergraduate level (3h/week, 1st semester)

2019, 2021, **Trade in waste**, Université Paris Dauphine, Paris, France.  
2022 *Content* : : State of the art; international trade in solid waste; international conventions and regulations; main actors; national waste operation; the place of plastics; waste traffic; circular economy principles.  
Lecture (French) for the Master AID & Master Peace Studies (3h, 1st semester)

2017 - 2019 **Microeconomics, L1**, Université Paris Dauphine, Paris, France.  
*Content* : Theory of the consumer and the firm; partial and general equilibrium.  
Lectures, exercises and midterms (French) at the first year undergraduate level (2 groups; 1,5h/week/group; 1st and 2nd semester)

## Grants and fellowships

Visiting fellowship (Polytechnique, Montréal). *Doctoral School of Economics, Université Paris-Dauphine*

Visiting fellowship (DIW, Berlin). *Doctoral School of Economics, Université Paris-Dauphine & DIW, Climate Policy Department*

Three-year doctoral contract to pursue a PhD. *Université Paris-Dauphine, French Ministry of Higher Education and Research.*

Merit-based grant to do an ERASMUS-exchange. *Fondation de l'Université Paris Dauphine.*

## Research and field experience

February **Research Assistant**, UNIVERSITE PARIS-DAUPHINE, Paris, France.

2019 Assistant to Dr. Stéphanie Monjon for the projet MECEE (experimental economics to improve waste sorting at Paris-Dauphine University)

June–August **Research Trainee**, OECD, STI/EAS, Paris, France.

2017 Internship within the Economic and Statistics division; Directorate for Science, Technology and Innovation.

March 2016 – **Economist Intern**, French Treasury, Economic Service of Canberra, Canberra, Australia.

July 2016 Internship for the external service of the French Treasury in Australia, associated to the French Embassy to Australia

December– **Research Trainee**, ZEW, Mannheim, Germany.

March Joint work with Dr. Katrin Sommerfeld on competitiveness effects of the EU ETS.

2016

May 2015 – **Economist Intern**, ECO-EMBALLAGES, Paris, France.

October 2016 Internship in the French producer responsibility organisation for packaging in France

July 2014 – **Assistant**, TÜRK EKONOMI BANKASI, Istanbul, Turkey.

September Internship at the bank's head office, department of Financial Affairs

2014

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## Services and volunteering experience

- 2021 **Co-organiser**, UNIVERSITE PARIS-DAUPHINE, Paris, France.  
Seminar of the department of Economics, weekly event.
- 2020-today **Member**, UNIVERSITE PARIS-DAUPHINE - *social and environmental responsibility network*, Paris, France.  
Representation of Ph.D. students in economics. Coordination, brainstorming about best practices, prevention of environmental and social risks.
- 2019 **Co-organiser**, UNIVERSITE PARIS-DAUPHINE, Paris, France.  
PhD Workshop, annual event.
- 2019-2020 **Facilitator**, THE CLIMATE COLLAGE, Paris, France.  
Collaborative workshop based on the work of the IPCC for collectively understanding the complexity of climate change.
- 2017-today **Member**, BSI ECONOMICS, Paris, France.  
Think tank on economics and finance. Contribution to a book, articles and podcasts.

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## Computer skills

- Intermediate SAS, GAMS  
Advanced R, Stata, L<sup>A</sup>T<sub>E</sub>X, OpenOffice

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## Languages

- French : native speaker  
— German : advanced  
— English : fluent  
— Turkish : beginner

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## References

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