

Thibault DELETOMBE, Ph.D.
Doctorate in energy economics
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QUALIFICATIONS

2025 **Ph.D. in energy economics** | Université Paris Dauphine-PSL - [Link](#)
Research funded and conducted at CEA I- Tésé - [Link](#)

2020 Master's degree in energy economics (Université Paris Nanterre)

2017 Master's degree in engineering (IMT Atlantique)

RESEARCH EXPERIENCE AND AREAS OF INVESTIGATION

01/10/25 **Research associate at DIW Berlin in the Climate Policy Department**

- Industry decarbonation
- Electricity market

2021-2025 **Ph.D.**

Long term energy transition: Economic analysis on the integration of renewable energies, storage and their systemic effects. The contribution of photovoltaic solar energy to security and decarbonisation in Europe

Chapter I – The insurance value of renewable energies

Investigating the hedging value of renewable energies for the power system and assessing how they can act as physical insurance against external risks, such as gas supply shocks

- Electricity market modeling

Chapter II – Capacity planning of solar PV manufacturing under Knightian uncertainty

Modeling of the French solar PV manufacturing sector to weigh decarbonization, security, and competitiveness issues

- Stochastic capacity planning under Knightian uncertainty

Chapter III – Efficiency analysis of reindustrialization: The case of the European solar industry

Study on the development of non-price criteria in renewable auctions envisioned by the Net Zero Industry Act
Assessment of the gains from market integration and policy coordination with the European solar PV sector as a case study

- Game theory to model European markets and cooperation mechanisms
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PUBLICATIONS

T. Deletombe, H. J. J. Yu, and P. Geoffron, 'The insurance value of renewable energies', *Energy Economics*, vol. 148, p. 108671, Aug. 2025, doi: 10.1016/j.eneco.2025.108671.

PRIZES AND AWARDS

ENERDAY 17th International Conference on Energy Economics and Technology 2023 – Best Scientific Presentation Award - [Link](#)

TEACHING EXPERIENCE

Year	Time	Audience	Course	Institution
2024	3h	Master student Nuclear engineers	Renewable and Nuclear complementarities? Technical and economic insights	National Institute for Nuclear Science and Technology (INSTN)
2024	3h	Master student Energy economists	Economics of solar photovoltaic energy	INSTN
2023	3h	Master student Energy economists	Economics of solar photovoltaic energy	INSTN

CONFERENCE PRESENTATIONS AND INVITED TALKS

2025

Capacity planning of solar PV manufacturing under Knightian uncertainty, [46th IAEE International Conference Paris](#), June, Paris, France

2024

Economic analysis of solar PV industrialization, [Visual poster presentation](#), [41st European PV Solar Energy Conference \(EU PVSEC\)](#), September, Vienna, Austria

_____, [45th IAEE International Conference Istanbul](#), June, Istanbul, Turkey

_____, [Visual poster presentation](#), Dauphine and Mines Ph.D. students' day, March, Paris, France

2023

The insurance value of renewable energies, [Ph.D. seminar French Association of Energy Economists](#), November, Grenoble (France)

_____, [18th IAEE European Conference](#), July, Milano (Italy)

_____, Ph.D. workshop, Université Paris Dauphine-PSL, June, Paris (France)

_____, [ENERDAY 2023](#), Mai, Dresden (Germany)

_____, [CEEM Ph.D. CONFERENCE - Toward a new electricity market model?](#), April, Paris (France)

_____, [Visual poster presentation](#), Dauphine and Mines Ph.D. students' day, March, Paris (France)

2022

Economics of solar photovoltaic (pv) energy : PV LCOE & systemic analysis, [Premier workshop du Pôle Scientifique 3](#), [Diffusion of solar energy use de l'EUR « solar academy »](#), Mai, Annecy (France)