

Niklas Schoch

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Education

Sciences Po Paris <i>PhD Candidate - Department of Economics</i> <ul style="list-style-type: none">Research on industrial decarbonisation, investment decisions, and market-based climate policy	Paris, France 09/2022 – present
Columbia University <i>Visiting Alliance Fellow - Department of Economics</i> <ul style="list-style-type: none">Research fellowship in industrial organisation and energy economics	New York, USA 01/2025 – 04/2025
Universität Mannheim <i>Master of Science - Economics</i> <ul style="list-style-type: none">Grade: 1.2 / 5.0 (top 5%, with distinction)	Mannheim, Germany 09/2018 – 06/2021
Johann Wolfgang Goethe-Universität <i>Bachelor of Science - Economics and Business Administration, Major in Economics</i> <ul style="list-style-type: none">Grade: 1.2 / 5.0 (top 5%, with distinction)	Frankfurt, Germany 10/2013 – 08/2017

Work Experience

International Energy Agency (IEA) <i>Junior Energy Analyst (part-time), Power Markets Division</i> <ul style="list-style-type: none">Quantitative analysis of nuclear power sector and industrial demand for the “Electricity 2024” outlook	Paris, France 07/2023 – 02/2024
Conseil d'Analyse Économique (CAE) <i>Policy Research Collaboration</i> <ul style="list-style-type: none">Economic modelling of carbon pricing in global production networks for a CAE Focus paper	Paris, France 01/2023 – 06/2023
Institute of Energy Economics at the University of Cologne (EWI) <i>Research Associate, Energy Economics</i> <ul style="list-style-type: none">Consulting projects using quantitative analyses of energy markets and climate policy	Cologne, Germany 09/2021 – 07/2022
Leibniz-Zentrum für Europäische Wirtschaftsforschung (ZEW) <i>Intern, then Research Assistant, Environmental and Resource Economics</i> <ul style="list-style-type: none">Empirical analyses on the impact of climate finance and renewable energy deployment	Mannheim, Germany 07/2019 – 06/2021
Mannheim Center for Evaluation and Development (C4ED) <i>Research Assistant, Chair of Econometrics</i> <ul style="list-style-type: none">Structured synthesis of scientific evidence on climate adaptation for policy design	Mannheim, Germany 10/2018 – 04/2019
PricewaterhouseCoopers GmbH, Advisory <i>Intern, Economics & Policy</i> <ul style="list-style-type: none">Data-driven analysis and predictive modelling in economics and policy advisory projects	Frankfurt, Germany 03/2018 – 05/2018
Deloitte GmbH, Transaction Services <i>Intern, Commercial Due Diligence</i> <ul style="list-style-type: none">Market and competition analysis in a transaction context	Frankfurt, Germany 11/2017 – 02/2018

Technical Skills

Languages: German (Mother Tongue), English (Fluent), French (Basic)
IT/Programming Skills: Excel, R, Java, Python, Stata & Mata, MATLAB
GRE: Quant 166 (87th percentile), Verbal 164 (94th percentile), Analytical Writing 5.0 (92nd percentile)

Publications

- “Local Economic Impacts of Wind Power Deployment in Denmark”, *Environmental and Resource Economics*, 2025 (with Claire Gavard and Jonas Göbel)

Working Paper

- “Climate Finance and Emission Reductions: What Do the Last Twenty Years Tell Us?”, *ZEW Discussion Paper*, 2021 (with Claire Gavard, Revised & Resubmitted at *Environment and Development Economics*)
- Emissions Trading, Market Power, and Endogenous Cap Adjustments (with Tom Brinker and Simon Quemin)
- Climate Policy, Industry Concentration and Technology Adoption: Evidence from the French Cement Industry (*Job Market Paper*)

Work in Progress

- Escaping the Uncertainty: Prices vs. Quantities with Long-Term Investment (with Diego Cussen)

Policy Reports

- “Electricity 2024: Analysis and forecast to 2026”, *International Energy Agency (IEA) Report*, 2024 (with Eren Çam, Zoe Hungerford, Francys Pinto Miranda and Carlos David Yáñez de León)
- “Carbon pricing and its implications in input-output networks: the case of France” *Conseil d'analyse économique, Focus No. 96*, 2023 (with Isabelle Méjean)
- “H₂ - Förderkompass: Kriterien und Instrumente zur Förderung von Wasserstoffanwendungen für den Markthochlauf”, *EWI Policy Study*, 2022 (with Lena Pickert, Patricia Wild and Konstantin Gruber)
- “Regulatorische (Fehl-)Anreize bei der Produktion von grünem Wasserstoff”, *EWI Policy Brief*, 2022 (with Eren Çam and Samir Jeddi)

Teaching & Other Academic Activities

- “Introduction to Environmental Economics”, *TA (Undergraduate, Sciences Po, Spring 2023, Spring 2024, Fall 2024)*
- “Understanding Global Environmental Challenges”, *TA (Graduate, Sciences Po, Spring 2024, Fall 2024)*
- “Tackling Environmental Challenges: Policy Instruments for Sustainability”, *TA (Graduate, Sciences Po, Fall 2024)*
- “CIVICA European Week: Ecological Transitions: Cities on the frontline”, *Tutor (Undergraduate, Sciences Po, Summer 2023)*
- “CLS Internal Ph.D.-Seminar”, *Co-Organiser (Graduate, Sciences Po, Fall 2023-now)*
- “Econometrics using R”, *Lecturer (Undergraduate, Sciences Po, Spring 2023)*
- “Sustainable Businesses and Moral Markets”, *TA (Graduate, Sciences Po, Fall 2022)*