

Mathias ABITBOL

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PROFESSIONAL EXPERIENCE

Inspection générale des finances (French General Inspectorate of Finance, IGF) Paris
Junior Inspector of Finance (Inspecteur des finances adjoint) 2026 – Present

- Contribute to inspection, evaluation, audit, and policy-advisory assignments commissioned by government ministers: frame policy questions, conduct interviews, review documentation, and analyse administrative data.

Collège de France (research partnership with Veolia) Paris
Energy Economist 2025 – 2026

- Co-author of an [economics research project](#), supervised by Philippe Aghion and conducted in partnership with [Veolia](#), on the effects of AI adoption—specifically digital twins—on industrial energy and environmental performance.
- Project management: negotiations with Veolia's operational and data teams and with the start-up Purecontrol; stakeholder coordination; supervision of a research assistant; and organisation of presentations and project deliverables.
- Contributed to the report [AI for Energy, Water, and Waste Management](#), produced by Veolia and Microsoft.

Électricité de France (EDF), Group Strategy Division Paris
Strategy Analyst Intern Mar. 2025 – Jul. 2025

- Built short-, medium-, and long-term scenarios for household heating bills, covering electricity and gas costs as well as energy taxation.
- Produced a report on the drivers of and barriers to residential energy renovation using an R&D dataset. Modelled renovation options using CAPEX and OPEX, public subsidies, energy prices, and household heterogeneity and financial constraints.

Directorate-General for Energy and Climate (DGEC) Courbevoie
Carbon Markets Intern — EU Carbon Border Adjustment Mechanism (CBAM) Sep. 2024 – Feb. 2025

- Produced the first quantitative assessment of circumvention through resource shuffling and prepared forward-looking policy notes on export support, extension to downstream sectors, and reform of indirect-emissions compensation for electricity-intensive industries. Coordinated strategic positions with the French Treasury and the Directorate-General for Enterprise.
- Supported implementation work on other CBAM issues: helped establish an anti-fraud working group with French Customs; coordinated the use of the government's internal consulting agency; and organised a high-level conference and a meeting with European counterparts at the Ministry for the Economy and Finance.

Additional Professional Placements (ENS)

- **International Energy Agency (IEA)**, Paris — *Data Scientist* Nov. 2023 – Apr. 2024
- **Mines Paris – PSL**, Paris — *Research Assistant, Economics of Fossil-Fuel Resources* May 2023 – Jul. 2023
- **PACA Regional Prefecture**, Marseille — *Intern, Office of the Prefect* Jun. 2022 – Aug. 2022
- **Île-de-France Health Agency**, Saint-Denis — *Intern, COVID-19 Vaccination Task Force* May 2021 – Aug. 2021

EDUCATION

École normale supérieure (ENS) Paris
Élève normalien — competitive civil-service scholarship student 2020 – 2026
Economics, public policy, and data science.

HEC Paris Jouy-en-Josas
Grande École Program (Master in Management) 2022 – 2024
Coursework in finance, accounting, law, management, and strategy.
Energy & Finance Certificate, including the fundamentals of project finance in the energy sector.

Paris School of Economics (PSE) Paris
Magistère and Master's in Analysis and Policy in Economics (APE) 2020 – 2024
Quantitative economics training in microeconomics, macroeconomics, and econometrics, with a specialisation in energy and environmental economics.

Lycée Henri-IV Paris
Two-year intensive preparatory programme for the grandes écoles, B/L track 2018 – 2020
Mathematics, economics, social sciences, literature, history, and philosophy.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Co-Founder, [Daniel Cohen Conference](#)

2024 – Present

Co-organise an annual flagship economics conference at ENS bringing together economists, policymakers, and researchers around a major current issue (including the [Draghi Report](#) and [ageing and the economy](#)). Conference proceedings have been published in [Le Grand Continent](#). Co-founded an associated online publication and conducted interviews with economic policymakers.

Elected Student Member, Board of Directors of École normale supérieure

2023 – 2025

Served as the elected student representative on the ENS Board of Directors and on several committees, including the budget committee, the ten-year public-service commitment committee, the disciplinary council, and the academic affairs committee.

Co-Founder and Secretary-General, [Normale Sup' Junior Projets](#)

2021

Co-founded ENS's student-run consulting organisation (Junior Enterprise).

SKILLS

Programming and software:	R, Stata, Python, Refinitiv, Microsoft Office, LaTeX
Languages:	French (native), English (TOEFL iBT: 113/120), Spanish (B2), Italian (A2)
Interests:	Swimming, piano
First aid:	PSC1+ certification (2021)
Driving licence:	Category B
Additional experience:	Teaching and contribution to a collective reference work

SELECTED RESEARCH AND WRITING

Op-eds on AI and energy efficiency

Two op-eds, published in [Les Échos](#) and [Le Monde](#), co-authored with Philippe Aghion et al. on the role of AI adoption in firms' energy transition.

Master's thesis in economics

"Returns on Environmental Commitment: Evidence from the Stock Market Reaction to Emission-Reduction Target Announcements," 2024, 115 pp. An article based on the thesis has been submitted to *Nature Climate Change*.

Contribution to a collective reference work

[France: Current Affairs and Key Data](#), La Documentation française, 2025 and 2026 editions. Authored entries on public finance, employment, energy, artificial intelligence, and defence.