

Dr Filip Mandys

Curriculum Vitae

✉ fil.mandys@seznam.cz
🌐 British, Czech
🌐 [LinkedIn](#)
🌐 [Personal Website](#)
🏛️ [Google Scholar](#)

Research Interests: energy & environmental economics, labour economics, applied econometrics, digitisation, productivity.

🎓 Education

2016 – 2021 **PhD Economics, University of Surrey, UK**
Thesis: Demand and pricing dynamics of alternative and conventional fuel vehicles in the United Kingdom.

2015 – 2016 **MSc International Economics and Finance (Distinction), University of Surrey, UK**

2012 – 2015 **BSc Economics and Finance (First Class Honours), University of Surrey, UK**

📁 Work Experience

2026 – Present **Affiliated Researcher, Bennett School of Public Policy, University of Cambridge**

2025 – Present **Postgraduate Supervisor, Bartlett School of Env., Energy and Resources, UCL**

2025 – Present **Research Fellow, Bartlett School of Env., Energy and Resources, UCL**

2022 – Present **Senior Researcher, Research Institute for Labour and Social Affairs (RILSA), Prague**

2025 – 2026 **Supervisor (teaching), Department of Politics, University of Cambridge**

2024 – 2026 **Research Associate, Bennett School of Public Policy, University of Cambridge**

2021 – 2023 **Research Consultant, European Investment Fund (EIF), Luxembourg**

2020 **Research Assistant, School of Economics, University of Surrey**

2019 – 2020 **Editor (Begg et al., 2014), School of Economics, University of Surrey**

2017 – 2020 **Teaching Assistant, School of Economics, University of Surrey**

2014 – 2019 **Translator, Gengo, online**

2010 – 2012 **Internship, Embassy of the Czech Republic, Nairobi, Kenya**

2010 – 2012 **Founder and President of Kibera Library (voluntary work), Nairobi, Kenya**

📚 Teaching Experience

2025 – 2026 **Statistics and Methods, UG, University of Cambridge**

2025 – 2026 **Economics, and Policy of Energy and Environment Dissertation, PG, UCL**

2018 – 2020 **Energy Economics, UG, University of Surrey**

2018 – 2020 **Introduction to Macroeconomics, UG, University of Surrey**

2018 – 2020 **Introduction to Microeconomics, UG, University of Surrey**

2017 – 2020 **Introductory Economics, UG, University of Surrey**

📖 Publications

Research Papers

Block, J., Benz, L., Krämer-Eis, H., Botsari, A., Lang, F., and **Mandys, F.** (2025). Climate issues in portfolio investment decisions: Comparison of private equity and venture capital. *Venture Capital*, 27(4). [Link](#)

- Beran, V., Jahoda, R., Špeciánová, J., and **Mandys, F.** (2025). The impact of removing the cliff effect in child allowance in the Czech Republic. *Danube*, 16(3), 277-291. [Link](#)
- Mandys, F.** and Taneja, S. (2024). Demand for green and fossil fuel automobiles. *Transportation Research Part A: Policy and Practice*, 190, 104284. [Link](#)
- Mandys, F.** (2023). Search for an affordable clean car: Pricing of conventional and clean automobiles. *Transportation Research Part D: Transport and Environment*, 118, 103738. [Link](#)
- Mandys, F.**, Chitnis, M., and Silva, S. R. P. (2023). Response to “Low cost, uncertain value: Why cheap PV may still not become UK’s main power source”. *Patterns*, 4(5): 100753. [Link](#)
- Mandys, F.**, Chitnis, M., and Silva, S. R. P. (2023). Levelized cost estimates of solar photovoltaic electricity in the United Kingdom until 2035. *Patterns*, 4(5): 100735. [Link](#)
- Taneja, S. and **Mandys, F.** (2022). Drivers of UK energy expenditure: Promoting efficiency and curbing emissions. *Energy Policy*, 167, 113042. [Link](#)
- Taneja, S. and **Mandys, F.** (2022). The effect of disaggregated information and communication technologies on industrial energy demand. *Renewable and Sustainable Energy Reviews*, 112518. [Link](#)
- Krämer-Eis, H., Block, J., Botsari, A., Diegel, W., Lang, F., Legnani, D., Lorenzen, S., **Mandys, F.**, and Tzoumas, I. (2022). EIF private equity mid-market survey 2022: Market sentiment and impact of the current geopolitical & macroeconomic environment. *EconStor*, 2022/85. [Link](#)
- Krämer-Eis, H., Block, J., Botsari, A., Diegel, W., Lang, F., Legnani, D., Lorenzen, S., **Mandys, F.**, and Tzoumas, I. (2022). EIF venture capital survey 2022: Market sentiment and impact of the current geopolitical & macroeconomic environment. *EconStor*, 2022/82. [Link](#)
- Botsari, A., Kupres, S., Lang, F., Legnani, D., and **Mandys, F.** (2022). EIF business angels survey 2021/22: Market sentiment. *EconStor*, 2022/81. [Link](#)
- Krämer-Eis, H., Botsari, A., Lang, F., and **Mandys, F.** (2021). EIF private equity mid-market survey: Fund managers’ perception of EIF’s value added. *EconStor*, 2021/77. [Link](#)
- Mandys, F.** (2021). Electric vehicles and consumer choices. *Renewable and Sustainable Energy Reviews*, 142, 110874. [Link](#)

Policy Papers & Articles

- Mandys, F.** and Coyle, D. (2025). Digitising transport: Big gains for productivity and energy efficiency. *University of Cambridge*, 11/2025. [Link](#)
- Mandys, F.** and Coyle, D. (2025). Digitisation and productivity in the transport sector. *University of Cambridge*, 11/2025. [Link](#)
- Mandys, F.** and Taneja, S. (2024). The road to net zero: Why do UK consumers hesitate to buy electric cars? *University of Cambridge*, 11/2024. [Link](#)
- Mandys, F.** and Coyle, D. (2024). Competitiveness, productivity and innovation in the UK’s computing sector. *University of Cambridge*, 6/2024. [Link](#)
- Mandys, F.** and Coyle, D. (2024). In search of a strategy: Prospects for the UK’s computing sector. *University of Cambridge*, 6/2024. [Link](#)
- Mandys, F.** (2024). The impact of the European energy crisis: The case of Czech Republic. *University of Cambridge*, 4/2024. [Link](#)
- Jahoda, R., Beran, V., Červenka, F., Höhne, S., Kyzlinková, R., **Mandys, F.**, Paloncyová, J., Špeciánová, J., and Maialeh, R. (2023). Impact of selected government measures on Czech households. *RILSA*, 6/2023. [Link](#)
- Mandys, F.** (2022). Household-specific energy expenditure and inflation in the Czech Republic. *RILSA*, 4/2022. [Link](#)
- Mandys, F.** (2022). Household-specific energy inflation in the Czech Republic. *RILSA*, 9/2022. [Link](#)

Books

- Navigating Europe’s socio-economic crisis: The impact of inflation, the energy crisis, and the conflict in Ukraine on the Czech Republic and beyond (**F. Mandys**, D. Adunts, B. Kurylo, R. Maialeh, and U. Unal), *Palgrave Macmillan*, 2024. [Link](#)

Working Papers

Digitisation and productivity in the transport sector (with D. Coyle). [Link](#)
Consumer behaviour and the uptake of solar panels (with S. Taneja). [Link](#)
Energy expenditure of low-income households (with V. Beran, R. Jahoda, and J. Špeciánová).
Are housing benefits captured by landlords? (with V. Beran, R. Jahoda, and J. Špeciánová).
Crowding out the energy transition: Moral hazard and climate risk finance (with Y. Tzoumas)
Is digitalisation boosting the decarbonisation of industries? (with S. Taneja).
Financial development and economic growth in post-socialist economies.

Presentations and Conference Activity

2025 **9th AIEE Energy Symposium, Sapienza University of Rome.**
Presentation: Digital Transformation and Industrial Sustainability ([Link](#)).

2025 **The AI Value Chain: Research and Policy Priorities 2025, University of Cambridge.**

2025 **Bennett Institute for Public Policy Annual Conference 2025, University of Cambridge.**
Presentation: Digitalisation and productivity: Innovations in tech contributing to transport sector productivity ([Link](#)).

2024 **Centre for Sectoral Economic Performance Conference 2024, Imperial College London.**

2024 **ESCoE Conference on Economic Measurement 2024, University of Manchester.**
Presentation: Heterogeneity in the adoption of residential solar energy technologies ([Link](#)).

2024 **Bennett Institute for Public Policy Annual Conference 2024, University of Cambridge.**
Presentation: The UK computing sector ([Link](#)).

2023 **19th Euroframe Conference on Economic Policy Issues in Europe, OFCE, Paris.**
Presentation: Inflation and its impact on different social groups: Case of Czech Republic ([Link](#)).

2022 **EIF Conference with Nordic/Baltic VC Associations, Luxembourg.**
Presentation: VC market sentiment and impact of the current geopolitical environment.

2022 **EIF: 45 Minutes on the EU Venture Capital Market, Luxembourg.**
Presentation: VC market sentiment and impact of the current geopolitical environment.

2021 **European Business Angels Network Annual Congress, online.**

2021 **1st IAEE International Online Conference, online.**
Presentation: Hedonic Pricing of Vehicle Characteristics in the UK Car Market ([Link](#)).

2020 **Clean, Healthy, and Sustainable Surrey Conference, University of Surrey.**
Presentation: Levelized Cost of Solar Photovoltaic Electricity until 2035: Evidence from the UK.

2020 **Role of Mass Media During Covid-19 Conference, Rammanohar Lohiya Avadh University.**
Presentation: Media Consumption During Covid: Evidence from Data and Real-time Statistics.

2019 **16th IAEE European Conference, University of Ljubljana.**
Presentation: Electric Vehicles and Consumer Choices ([Link](#)).

2018 **Department of Economics and Surrey Energy Economics Centre, University of Surrey.**
Presentation: Electric Vehicles and Consumer Choices.

Media Coverage

2025 **Super-sized farms or rooftop panels? The new divisions over solar, The Times ([Link](#)).**

2024 **Filip Mandys o situaci britského technologického sektoru, RILSA Press (in Czech) ([Link](#)).**

2024 **Bennett Institute researcher wins prestigious economics prize, University of Cambridge Press, RILSA Press, University of Kent Press ([Link 1](#), [Link 2](#), [Link 3](#)).**

2023 **Czech Households to Lose 7614 CZK, Prague Monitor ([Link](#)).**

- 2023 **Analýza: Průměrnou domácnost připraví vládní balíček ročně o 7614 Kč**, *Czech News Agency, ČT24, iDNES.cz, Echo24.cz (in Czech)* ([Link 1](#), [Link 2](#), [Link 3](#), [Link 4](#)).
- 2023 **Households investing in solar panels could reach break-even point sooner than expected**, *University of Surrey Press* ([Link 1](#), [Link 2](#), [Link 3](#), [Link 4](#)).
- 2023 **Drahé energie připravily domácnosti o desetitisíce korun**, *Novinky.cz (in Czech)* ([Link](#)).
- 2022 **Živnostníci i neúplné rodiny. Vědci spočítali, koho energetická inflace trápí nejvíce**, *Aktuálně.cz (in Czech)* ([Link](#)).

Professional Skills and Activities

Software: Stata, R, MATLAB, Qualtrics, Prolific, LaTeX, EViews, Microsoft Office.

Data: Experience working with large-scale data, constructing new datasets, weighting data, and handling incomplete data. Created, conducted, and analysed surveys on Qualtrics and Prolific platforms. ONS Accredited Researcher, able to access secure research data.

Memberships: Royal Economic Society, European Economic Association, International Association for Energy Economics.

Refereeing: Journal of the European Economic Association, Nature Communications, Energy Economics, Transportation Research Part A, Transportation Research Part D, Renewable & Sustainable Energy Reviews, International Journal of Development Issues, Transportation, Climate Action.

Other Activities: Jury Member for the Entente Cordiale Day University Challenge ([Link](#)). Member of the team that designed a full social benefits reform for the Czech Republic (implemented in October 2025).

Awards, Grants, and Scholarships

- 2025 **Innovation Breakthrough Grant:** Shortlisted for the £250 000 grant from TPI.
- 2024 **Rybczynski Prize:** Won the 2024 Rybczynski Prize and was awarded £5 000 ([Link](#)).
- 2021 **1st IAEE International Online Conference:** Full conference scholarship.
- 2019 **16th IAEE European Conference:** Awarded \$500 for the top student paper.
- 2019 **16th IAEE European Conference:** Full conference scholarship.
- 2016 – 2021 **Doctoral Fee Scholarship:** University of Surrey doctoral fee scholarship.
- 2015 **Postgraduate Scholarship:** University of Surrey postgraduate scholarship.
- 2014 **IBM UBC Certificate:** Semi-finals of the IBM Universities Business Challenge.
- 2013 – 2015 **STARS Certificate:** University of Surrey undergraduate top achiever (Years 1 – 3).
- 2012 **Chancellor's Scholarship:** University of Surrey undergraduate scholarship.
- 2011 **SAT Reasoning Test:** Scored 2290/2400 (99.5+ percentile).
- 2009 **IGCSE ICE Award:** Distinction from University of Cambridge.

Languages

Czech (*native*), English (*native level*), Slovak (*fully intelligible to Czech*), French (*IB*), German (*studied*), Hindi (*studying*).

Updated: February 2026