

Filip Mandys

PhD Economics

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🌐 British, Czech
🌐 [LinkedIn](#)
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🏛️ [Google Scholar](#)

Research Interests: energy & environmental economics, labour economics, applied econometrics, microeconomics, 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, Finance & Development (Distinction), University of Surrey, UK**

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

📁 Work Experience

2024 – Present **Research Associate, University of Cambridge, Cambridge**

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

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

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

2019 – 2020 **Editor, School of Economics, University of Surrey**
For the book Begg et al. (2014) “Economics”, McGraw-Hill (with E. Golson).

2017 – 2020 **Teaching Assistant, School of Economics, University of Surrey**
Teaching/marking introductory economics, labour economics, energy economics, microeconomics, and financial economics.

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**

📖 Publications

Research Papers

Mandys, F. and Taneja, S. (2024). Demand for green and fossil fuel automobiles. *Transportation Research Part A: Policy and Practice*, 190, 104284. [Link](#)

Block, J., Benz, L., Krämer-Eis, H., Botsari, A., Lang, F., and **Mandys, F.** (2024). Climate issues in portfolio investment decisions: A comparison of private equity and venture capital. *Venture Capital*, 1–31. [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 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

- ICT and productivity in the transport sector (*with D. Coyle*)
- Drivers of solar photovoltaic panel installation in the United Kingdom (*with S. Taneja*)
- Digitalisation and industrial energy demand (*with S. Taneja*)
- Energy expenditure among the poor (*with J. Špeciánová and R. Jahoda*)
- Financial development and economic growth in post-socialist economies

Presentations and Conference Activity

- 2025 **HM Treasury: Government Economic and Social Research Team, London.**
Presentation: Is digitalisation boosting the decarbonisation of industries? ([Link](#)).
- 2025 **The AI Value Chain: Research and Policy Priorities 2025, Cambridge**

- 2025 **Bennett Institute for Public Policy Annual Conference 2025, 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, Manchester.**
Presentation: Heterogeneity in the adoption of residential solar energy technologies ([Link](#)).
- 2024 **Bennett Institute for Public Policy Annual Conference 2024, Cambridge.**
Presentation: The UK computing sector ([Link](#)).
- 2023 **19th Euroframe Conference on Economic Policy Issues in Europe, Paris.**
Presentation: Inflation and its impact on different social groups: Case of Czech Republic ([Link](#)).
- 2022 **European Investment Fund Conference with Nordic/Baltic VC Associations, Luxembourg.**
Presentation: VC market sentiment and impact of the current geopolitical environment.
- 2022 **European Investment Fund: 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 International Association for Energy Economics International Online Conference.**
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 International Association for Energy Economics European Conference, 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, 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: Member of the Royal Economic Society.

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

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

Awards, Grants, and Scholarships

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: May 2025