

Filip Mandys

PhD Economics

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🌐 British, Czech
🌐 [LinkedIn](#)
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Research Interests: energy & environmental economics, labour economics, applied econometrics, microeconomics, productivity, corporate finance.

🎓 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.

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 Coyle, D. (2024). Competitiveness, productivity and innovation in the UK's computing sector. *Policy Papers University of Cambridge*, 6/2024. [Link](#)
- Mandys, F.** and Coyle, D. (2024). In search of a strategy: Prospects for the UK's computing sector. *Blogs University of Cambridge*, 6/2024. [Link](#)
- Mandys, F.** (2024). The impact of the European energy crisis: The case of Czech Republic. *Blogs 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. *Policy Papers RILSA*, 4/2022. [Link](#)
- Mandys, F.** (2022). Household-specific energy inflation in the Czech Republic. *Policy Briefs 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.

Working Papers

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

Presentations and Conference Activity

- 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

- 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.

Memberships: Member of the Royal Economic Society.

Refereeing: Journal of the European Economic Association, Nature Communications, Renewable & Sustainable Energy Reviews, International Journal of Development Issues, Transportation.

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: October 2024