

# Filip Mandys

## PhD Economics

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🌐 British, Czech  
in [LinkedIn](#)  
🖥️ [Personal Website](#)  
🏛️ [Google Scholar](#)

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

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## 🎓 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**

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## 📁 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**

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## 📖 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](#)

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### Working Papers

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

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### Presentations and Conference Activity

- 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 **19<sup>th</sup> 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 **1<sup>st</sup> 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 **16<sup>th</sup> 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, Renewable & Sustainable Energy Reviews, International Journal of Development Issues, Transportation, Climate Action.

**Other Activities:** Jury Member for the Entente Cordiale University Challenge ([Link](#)).

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## Awards, Grants, and Scholarships

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

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## Languages

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

*Updated: March 2025*