

# Dr Filip Mandys

## Curriculum Vitae

-  [fil.mandys@seznam.cz](mailto: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	<b>PhD Economics</b> , <i>University of Surrey, UK</i> <i>Thesis:</i> Demand and pricing dynamics of alternative and conventional fuel vehicles in the United Kingdom.
2015 – 2016	<b>MSc International Economics and Finance (Distinction)</b> , <i>University of Surrey, UK</i>
2012 – 2015	<b>BSc Economics and Finance (First Class Honours)</b> , <i>University of Surrey, UK</i>

### Work Experience

2026 – Present	<b>Affiliated Researcher</b> , <i>Bennett School of Public Policy, University of Cambridge</i>
2025 – Present	<b>Postgraduate Supervisor</b> , <i>Bartlett School of Env., Energy and Resources, UCL</i>
2025 – Present	<b>Research Fellow</b> , <i>Bartlett School of Env., Energy and Resources, UCL</i>
2022 – Present	<b>Senior Researcher</b> , <i>Research Institute for Labour and Social Affairs (RILSA), Prague</i>
2025 – 2026	<b>Supervisor (teaching)</b> , <i>Department of Politics, University of Cambridge</i>
2024 – 2026	<b>Research Associate</b> , <i>Bennett School of Public Policy, University of Cambridge</i>
2021 – 2023	<b>Research Consultant</b> , <i>European Investment Fund (EIF), Luxembourg</i>
2020	<b>Research Assistant</b> , <i>School of Economics, University of Surrey</i>
2019 – 2020	<b>Editor (Begg et al., 2014)</b> , <i>School of Economics, University of Surrey</i>
2017 – 2020	<b>Teaching Assistant</b> , <i>School of Economics, University of Surrey</i>
2014 – 2019	<b>Translator</b> , <i>Gengo, online</i>
2010 – 2012	<b>Internship</b> , <i>Embassy of the Czech Republic, Nairobi, Kenya</i>
2010 – 2012	<b>Founder and President of Kibera Library (voluntary work)</b> , <i>Nairobi, Kenya</i>

### Teaching Experience

2025 – 2026	<b>Statistics and Methods</b> , <i>UG, University of Cambridge</i>
2025 – 2026	<b>Economics, and Policy of Energy and Environment Dissertation</b> , <i>PG, UCL</i>
2018 – 2020	<b>Energy Economics</b> , <i>UG, University of Surrey</i>
2018 – 2020	<b>Introduction to Macroeconomics</b> , <i>UG, University of Surrey</i>
2018 – 2020	<b>Introduction to Microeconomics</b> , <i>UG, University of Surrey</i>
2017 – 2020	<b>Introductory Economics</b> , <i>UG, University of Surrey</i>

### 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](#)

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## 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.
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## Presentations and Conference Activity

- 2025 **9<sup>th</sup> 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 **19<sup>th</sup> 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 **1<sup>st</sup> 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 **16<sup>th</sup> 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.
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## 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](#)).

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- 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](#)).
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## 💻 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).

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## 🏆 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 **1<sup>st</sup> IAEE International Online Conference:** Full conference scholarship.
- 2019 **16<sup>th</sup> IAEE European Conference:** Awarded \$500 for the top student paper.
- 2019 **16<sup>th</sup> 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.
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## 💬 Languages

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

Updated: February 2026