

# FINN-HENRIK BARTON

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## EDUCATION

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- London School of Economics** *December 2018*  
MSc in Environmental Economics & Climate Change
- Lancaster University** *July 2017*  
BA Economics and Geography

## EXPERIENCE

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**Carbon Trust** July 2022 - Present  
*Data Scientist* *London, United Kingdom*

- Developing in-house EEIO models for estimating regional and sectoral spend-based emission factors.
- Leading on imputation, forecasting, and data pipelining strategies.
- Leading on international outreach for all data-related queries and engagements.
- Providing ad-hoc support on high value data-related tasks such as: code reviews for portfolio footprinting, processing of big data, large-scale trend and regression analysis, and methodology assurance.

**Cambridge Econometrics** September 2020 - July 2022  
*Economic Modeller* *Cambridge, United Kingdom & Brussels, Belgium*

- Expanded in-house macroeconometric model (E3ME) to capture Africa and the Middle-East, laying the foundations for IRENA's Renewable Energy Market Analysis.
- Developed building stock model for modelling the socioeconomic impact of zero carbon housing in Europe.
- Visualised data for the *Macroeconomics of the Energy Union (T6 and T7)* by the European Commission.
- Conducted research on new methods for simulating heterogeneity in technology diffusion models.
- Contributed to scenario modelling for the World Bank simulating a carbon-neutral Pakistan by 2050.

**NOVA School of Business and Economics** February 2019 - September 2020  
*Research Assistant in Spatial Econometrics* *Lisbon, Portugal*

- Researched spatial competition in parking infrastructure, using R for geospatial and econometric analysis.
- Visualised data for OECD round-table report on urban parking availability.
- Worked as the lead research assistant for quantifying the benefits of ecosystem services in Portugal.
- Taught microeconomics tutorials; facilitating discussions and solving problem sets relating to firm behaviour.
- Lead workshop at the 2020 Universidad Del Pacifico Summer School in Lima, Peru, on GIS for economists.

## PROFESSIONAL SKILLS

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**Computer Languages** R, Python, Julia, SQL, GIT, Stata  
**Software** Excel, ArcGIS, Power BI, Microsoft Azure

## OTHER RELEVANT INFORMATION

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**Languages** *Native* – English & Norwegian  
*Beginner* – Spanish, & Chinese (CEFRA A1/A2)

**Certificates** *Corporate Finance Institute* – Environmental, Social, & Governance  
*Barcelona GSE* – Timeseries Methods for Macro Analysis I  
*MIT* – Machine Learning with Python  
*MIT* – Probability - The Science of Uncertainty  
*Microsoft* – Analysing & Visualizing Data in Excel