



VALUING NATURE

Econometric modelling of UK industrial growth and energy demand

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What is my research area

Research area:

- Economics and applied econometrics
- UK industrial sectors
- Energy demand
- Environmental externalities (e.g. emission intensity)

Research focus:

- The relationship between **UK industrial growth, energy demand and natural resources**
- How **renewable energy** can boost **industrial growth** while minimizing social and environmental externalities

Why Business Impact School?

- Gain interaction with the business world.
- Make my research useful to policy makers and business stakeholders.
- Maximize the impact of doctoral research.
- To exchange ideas and meet people.

Business Impact

Opportunities:

- Agnolucci et al. (2017) “Modelling UK sub-sector industrial energy demand.” *Energy Economics* (doi.org/10.1016/j.eneco.2017.08.027)
- BEIS incorporated module (see above) into the UK Energy Demand Model
- Affect UK industrial policies on a macro level (e.g. The Clean Growth Strategy-BEIS 2017)

Difficulties:

- Affect industrial policies on a micro business level
- Build policy interaction with individual business stakeholders