DE MONTFORT UNIVERSITY LEICESTER

PhD Studentship: Global Production Network and Emission Control Targets

Project description

In a globalised world, economies are interlinked and so are environmental policies. This project challenges existing knowledge governing environmental policy design by asking the following question: how should a country set and implement an optimal emission control target and pathway in the presence of pollution and policy externalities which are transmitted through global supply chains? Combining insights from multiple disciplines including economics, environmental studies and supply chain management, this project aims to develop an adaptable analytical framework and conduct rigorous empirical analysis to unpack the black box of the working of emission control policies in a global production network. A key part of the investigation is to uncover the transmission mechanisms of pollution activities and emission control policies along the global supply chain. We expect the framework and empirical evidence produced out of this project to be applicable in various disciplinary settings, and importantly to be able to inform the design and implementation of environmental policies for national and regional governments.

Funding

DMU is offering a fully-funded 3-year PhD scholarship for this work, **commencing on 1st October 2021**. The stipend is pegged to the UKRI rate, currently at £15,609 per annum. **Lead Supervisor** is Dr Zheng Wang (zheng.wang@dmu.ac.uk).

Applicants must:

- Possess a UK Honours degree with at least an upper second class (or overseas equivalent), a Masters Degree or an academic or professional qualification plus experience in their sector or industry.
- Demonstrate strong background in quantitative skills trraining and willingness to learn advanced quantitative methods for theoretical modelling and statistical analysis.
- Demonstrate competence in the use of the English language. Please see section 5b here for further details on meeting our English language entry criteria.

How to apply

Please go to the scholarships page which outlines the 2-stage process for applying for these scholarships.