



Emelia Smyth

Consultant

BA (Hons) Geography with Quantitative Methods

emelia.smyth@quod.com



Areas of expertise

Emelia joined Quod as an Assistant Consultant in the Infrastructure and Economics team in August 2024, following her graduation and the completion of an internship at the end of 2023. She has over two years of consultancy experience, having started her career in environmental consultancy before transitioning into socio-economic analysis.

At Quod, Emelia supports a range of infrastructure and development projects, contributing to economic statements, policy reviews, and baseline analysis to inform the case for change, including for nationally significant infrastructure projects. She brings strong technical expertise in data collection, analysis, and visualisation, using R to build and query databases and handle large datasets, alongside advanced GIS and geospatial analysis skills to produce interactive maps and spatial outputs.

Key experience

London Heathrow Airport - Socio-economic analysis including onsite employment assessments, GIS-led identification of transport and logistics hub locations, and assessment of construction workforce impacts.

National Grid ASTI - Development of regional socio-economic profiles to support ASTI projects, including data analysis, GIS mapping, policy review, and assessment of environmental and community constraints.

Great British Energy - Nuclear (Oldbury) - Support for early site scoping, including labour market and accommodation analysis, socio-economic policy review, and community infrastructure assessment.

Harwell East - Research, economic analysis and drafting support for the Economic Statement, including assessment of catalytic economic impacts.

Key projects

Heathrow Socio-Economics
National Grid – ASTI
Anglesey Employment Land Review

GBN - Socio-Economics
SPF Project Evaluation
Harwell East

Key clients

Heathrow Airport Ltd
Isle of Anglesey County Council
National Grid
GBN
Ptarmigan Land



North Anglesey Sites and Premises (North Wales Growth Deal) - Contribution to the Strategic and Business Justification Cases, including socio-economic baselining, policy review market failure analysis, and risk assessment.

Anglesey Employment Land Review – Designed and implemented an R-based workflow to extract, clean and analyse VOA business rates data to update the Employment Land Review.

Shared Prosperity Fund Project Evaluation - assisted in the evaluation of several SPF projects. This involved baseline analysis and policy review to assess value for money, as well as speaking with stakeholders.