



Person Specification

This form lists the essential and desirable requirements needed in order to do the job.

Applicants will be shortlisted **solely** on the extent to which they meet these requirements.

Job title: Research Economist

Department/Division: Centre for Economic Performance
Accountable to: Ralf Martin and Anna Valero

Competency	Criteria	E/D
Knowledge and Experience	1. Undergraduate degree or equivalent	E
	2. The successful candidate should have a PhD (or be under 1 year to completion from post start date) in either Economics or another quantitative social science discipline	E
	3. Advanced analytical skills in handling and quantitative analysis of large firm-level datasets	E
	4. Experience in the use of R or STATA and other data analysis software and relevant computer languages (e.g. Python)	E
	5. Excellent understanding of statistical methods	E
	6. Experience and interest in the application of data science methods and spatial analysis to economics	D
	7. Experience with Natural Language Processing and large scale datasets (>1 TB) and associated software tooling (e.g. Google BigQuery, AWS Athena)	D
	8. Knowledge of the economics of climate change and growth, and interest in the growth and labour market impacts of the transition to a low carbon economy	E
	9. Experience of execution and write-up of independent research projects	E



Investigation, analysis and research	10. Ability to identify appropriate methods of investigation	E
	11. Ability to identify key research questions	E
	12. Ability to interpret and analyse patterns or trends in data and to think through problems analytically	E
	13. Ability to author/co-author papers of refereed journal article quality	E
Decision making	14. Ability to work for a lot of the time independently of close supervision	E
	15. Strong organisational skills, in order to work with data providers, project stakeholders and junior team members	E
Communication	16. Excellent written and verbal communication skills and ability to convey technical material in non-technical terms for policy and other non-academic stakeholders	E
Team work and Motivation	17. Experience of communicating on research issues with decision-makers outside academia	D
	18. Ability to supervise junior researchers	E
	19. Ability to coordinate and integrate work contributions of other team members	E

E – Essential: requirements without which the job could not be done.

D – Desirable: requirements that would enable the candidate to perform the job well.