



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow in Zero Carbon Mobility Evaluation, Faculty of Environment



Salary: Grade 7 (£37,099 – £44,263 p.a. depending on experience)

Reporting to: Greg Marsden

Reference: ENVTR1198

Fixed term until 1 September 2027 to complete specific time limited work

Location: University of Leeds (with scope for hybrid working)

We are open to discussing flexible working arrangements

Overview of the Role

Would you like to be part of a major collaborative research programme to help tackle transport's contribution to the climate crisis? Are you looking to apply your research skills to understand the whole life carbon impacts of the transport system? Do you thrive on working in an exciting and creative environment committed to making a difference?

Inspiring Futures for Zero Carbon Mobility (INFUZE) is a major £7.8m five year research grant funded by the Engineering and Physical Sciences Research Council. Working across the Universities of Leeds, Lancaster and the Royal College of Art INFUZE is seeking to achieve transformative change in how transport works, addressing the climate challenge whilst improving fairness and quality of life. INFUZE is an exciting new collaboration which will work with citizens and businesses to re-imagine our transport systems. The programme will build an increasingly ambitious suite of real-world trials with communities, transport providers and government partners. We are looking to recruit a passionate and committed researcher to drive forward our work on the whole life carbon and wider impacts of a transition away from individualised car ownership. Whilst the role will focus on the mobility transition, we encourage applications from applicants with the right skills who are currently working in other policy domains.

Main duties and responsibilities

- Building a novel life cycle carbon emissions model to assess new mobility system, land-use and activity pattern configurations;
- Supporting the integration of the carbon assessment into a wider evaluation programme developed with stakeholders;
- Participating in co-creation activities to develop the research direction, test and receive feedback;
- Support the development, delivery and evaluation of novel mobility system experiments;
- Generating and pursuing independent and original research ideas in the appropriate subject area;
- Developing research objectives and proposals and contributing to setting the direction of the research project and team including preparing proposals for funding in collaboration with colleagues;



- Evaluating methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to your own work;
- Preparing papers for publication in leading international journals and disseminating research results through other recognised forms of output;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities where appropriate and feasible;
- Maintaining your own continuing professional development and acting as a mentor to less experienced colleagues as appropriate;
- Contributing to the training of both undergraduate and postgraduate students, including assisting with the supervision of projects in areas relevant to the project.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

Qualifications and skills

Essential

- A PhD or near completion - i.e. the initial thesis needs to have been handed in at the point of application in environmental management; environmental transportation studies; environmental engineering or a closely allied discipline;
- A strong background in life-cycle emissions modelling and analysis;
- Experience of applying decision-support tools;
- A proven ability to adapt knowledge to new areas;
- A clear personal motivation for the goals of the project;
- Good time management and planning skills, with the ability to meet tight deadlines, manage competing demands and work effectively under pressure without close support;
- Excellent written and verbal communication skills including presentation skills;
- A proven ability to work well both individually and in a team;
- A strong commitment to your own continuous professional development.

Desirable

- Experience of using social evaluation frameworks or indicators;
- Experience in running professional stakeholder events;
- Experience in working with the public;



- Able to demonstrate creativity in communicating research results to diverse audiences;
- A proven track record of peer-reviewed publications in high impact factor journals;
- Experience of pursuing external funding to support research.

Additional information

Please note: If you are not a British or Irish citizen, from 1 January 2021 you will require permission to work in the UK. This will normally be in the form of a visa but, if you are an EEA/Swiss citizen and resident in the UK before 31 December 2020, this may be your passport or status under the EU Settlement Scheme.

Find out more about the [Institute for Transport Studies](#).

Find out more about the [Faculty of Environment](#).

Find out more about our [Research and associated facilities](#).

Find out more about [Equality in the Faculty](#).

Our University

As an international research-intensive university, we welcome students and staff from all walks of life and from across the world. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the Faculty of Environment we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly encourage applications from, but not limited to Black, Asian, people who belong to a minority ethnic community; people who identify as LGBT+; and disabled people. Candidates will always be selected based on merit and ability.

The Faculty of Environment has received a prestigious Athena SWAN silver award from [Advance HE](#), the national body that promotes equality in the higher education sector. This award represents the combined efforts of all schools in the Faculty and shows the positive actions we have taken to ensure that our policies, processes and ethos all promote an equal and inclusive environment for work and study.



Working at Leeds

We are a campus based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal Record Information

Rehabilitation of Offenders Act 1974

A criminal record check may be required for this position. All applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

