



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow, Leeds University Business School



Salary: Grade 7 (£33,797– £40,322 p.a.)

is likely that no appointment will be made no higher than £36,914 p.a due to the funding limitations which dictate the level at which the appointment can start.

Reference: LUBSC1536

Start date: 1 October 2021

Fixed term 2 years (External grant funding)

We will consider job share and flexible working arrangements

Research Fellow Economics Division

Are you an active researcher looking for your next challenge? Do you have a background in ecological economics, heterodox economics, input-output analysis and/or stock-flow consistent modelling? Do you want to further your career in one of the UK's leading research intensive Universities?

We are looking for a Post-Doctoral researcher to develop an input-output stock-flow consistent model for evaluation and planning of circular economy practices.

You will be involved in "JUST2CE" (A Just Transition to the Circular Economy), which is an EU-funded project launched by a consortium of 14 universities and research centres across Europe and Africa. While you will be based at the Economics Division of Leeds University Business School (University of Leeds, UK), you will work in a multi-country and multi-disciplinary environment.

The team of investigators includes Marco Veronese Passarella (Associate Professor of Economics at Link University of Rome and Lecturer in Economics at University of Leeds, Coordinator of JUST2CE Leeds Unit), Annina Kaltenbrunner (Associate Professor in the Economics of Globalisation and the International Economy at University of Leeds, Co-Investigator JUST2CE), Effie Kesidou (Associate Professor of Applied Economics at University of Leeds, Co-Investigator JUST2CE).

Successful applicants will hold, or be close to obtaining (having submitted their dissertation), a PhD in economics or ecological economics. Applicants from physics, engineering and mathematics are also welcome, provided that you are available to take selected economics modules at the University of Leeds. They will have experience with formal modelling (particularly, input-output analysis, and/or stock-flow consistent models, and/or system dynamics, and/or agent-based models) and coding in *R*, and/or *Matlab*, and/or *Python* or similar languages or environments. Candidates with knowledge of heterodox economics are particularly encouraged.

Applicants should be willing to work using a variety of software and research tools and to travel, when required, for national and international meetings.



What does the role entail?

As a Research Fellow, your main duties will include:

- Working with and in support of JUST2CE Leeds Unit to ensure that work package 5 of JUST2CE project is successfully completed and delivered;
- Developing a formal Stock-Flow Consistent Input-Output (SFC-IO) dynamic model, which will be used as a tool for formulating, monitoring and evaluating circular economy policies.
- Evaluating methods, techniques and programming environments used and results obtained by other researchers in the field of the circular economy;
- Communicating or presenting research results through publication or other recognised forms of output;
- Preparing papers for publication in leading international journals and independently writing reports;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities (by sharing codes, data and other information necessary to replicate model results) in the most appropriate forms;
- Contributing to the research culture of the School.

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.

What will you bring to the role?

As a Research Fellow you will have:

- A first degree and PhD (or close to completion, having submitted your dissertation) in economics (or a closely allied discipline), ecological economics, physics, engineering, and/or mathematics. Candidates with knowledge of heterodox economics are particularly encouraged.
- A strong background in modelling and coding, particularly with input-output analysis, stock-flow consistent models, system dynamics and/or agent-based models;
- Demonstrated experience of conducting research;
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure;



- Excellent written and verbal communication skills including presentation skills and the ability to communicate effectively with a wide range of stakeholders;
- Proven ability to manage competing demands effectively, responsibly and without close support;
- A proven ability to work well both individually and in a team;
- A strong commitment to your own continuous professional development.

You may also have:

- A track record of successful, high quality, publications on input-output analyses, stock-flow consistent models, system dynamics, agent-based models, and/or circular economy topics.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Marco Veronese Passarella, Associate Professor of Economics at Link University of Rome and Lecturer in Economics at University of Leeds, Coordinator of JUST2CE Leeds Unit

Email: m.passarella@leeds.ac.uk

Effie Kesidou, Associate Professor of Economics, Leeds University Business School

Email: e.kesidou@leeds.ac.uk

Annina Kaltenbrunner, Associate Professor of Economics, Leeds University Business School

Email: a.kaltenbrunner@leeds.ac.uk



Additional information

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on 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 is not required for this position. However, 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.

