

## THE POST

<b>College:</b>	<b>College of Life and Environmental Sciences</b>
<b>Post:</b>	<b>Postdoctoral Research Associate in Co-Producing Local Sustainable Energy Systems</b>
<b>Reference No:</b>	<b>P68591</b>
<b>Grade:</b>	<b>E26</b>
<b>HERA:</b>	<b>RFEL</b>
<b>Reporting To:</b>	<b>Patrick Devine-Wright</b>
<b>Responsible For:</b>	<b>N/A</b>

The above full time post is available from 1<sup>st</sup> September 2019 until the 1<sup>st</sup> of March 2021 in the College of Life and Environmental Sciences. You will join the SHIFFT (Sustainable Heating: Implementation of Fossil-Free Technologies) project team including the University of Exeter, Delft University of Technology and non-academic partners in the UK, Belgium and France. The aim of the consortium is to support the shift towards a low-carbon economy by accelerating the adoption of sustainable heat energy solutions. The project objective is to reduce CO<sup>2</sup> emissions in the built environment by reducing the use of fossil fuels in the heating of existing household and community buildings. The project will create guidance for accelerating the adoption of sustainable heating by local authorities and community actors and deliver co-creation pilots to trigger investments in sustainable heating solutions for homes in local communities.

### Job Description

#### Main duties and accountabilities:

1. To undertake research as appropriate to the field of study including:
  - Writing up research work for publication;
  - Developing research objectives and proposals for own or joint research;
  - Making presentations at national and international conferences and similar events;
  - Dealing with problems which may affect the achievement of research objectives and deadlines;
  - Analysing and interpreting the results of own research and generating original ideas based on outcomes;
  - Using new research techniques and methods;
  - Using initiative and creativity to identify areas for research, developing new research methods and extending the research portfolio;
  - Using creativity to analyse and interpret research data and draw conclusions on the outcomes.
2. To contribute to teaching and to be involved in the assessment of student knowledge including assisting in the supervision of student projects and in the development of student research skills.
3. To work in collaboration with colleagues as appropriate to the field of study including:
  - Contributing to collaborative decision making within the research group;
  - Contributing to the production of collaborative research reports and publications.
  - Preparing papers and presenting information on research progress and outcomes to bodies supervising research, e.g. steering groups.
4. To communicate complex information, orally, in writing and electronically.

5. To prepare proposals and applications to external bodies, e.g. for funding and contractual purposes
6. To contribute to the planning of research projects.
7. To use research resources, laboratories and workshops as appropriate and to take responsibility for reducing hazards and for the health and safety of others. Where appropriate, will also be responsible for conducting risk assessments.
8. To monitor research budgets as appropriate.
9. To engage in continuous professional development and to be responsible for continually updating knowledge and understanding in field of study or specialism and for developing skills.

This job description summarises the main duties and accountabilities of the post and is not comprehensive: the post-holder may be required to undertake other duties of similar level and responsibility. Please visit the Human Resources website to view the Research Fellow role profiles.

### **Person Specification**

<b>Competency</b>	<b>Essential</b>	<b>Desirable</b>
Attainments/Qualifications	PhD (awarded or nearing completion) or equivalent qualification/experience in a related field of study, including Human Geography, Environmental Psychology, Science and Technology Studies, Sociology or Anthropology.	Master's degree in related field of study
Skills and Understanding	<p>Knowledge of social science literature on energy transitions generally, and decentralised local energy initiatives in particular.</p> <p>Track record (already published or in preparation) of research outputs in internationally recognised journal publications.</p> <p>Sufficient knowledge in the discipline and of research methods and techniques to work within established research programmes.</p>	<p>Knowledge of theory and research on co-production approaches to technology development and deployment.</p> <p>Knowledge of sustainable heating technologies, systems and policies.</p> <p>Evidence of research activity and published research.</p>
Prior Experience	<p>Experience of working as part of an interdisciplinary research team.</p> <p>Experience of engaging with external stakeholders (e.g. local communities, civil society, industry and policy makers).</p> <p>Experience of working independently and conducting high quality fieldwork research.</p>	<p>Experience of co-produced research with non-academic stakeholders.</p> <p>Experience of researching local sustainable energy initiatives.</p> <p>Experience of working with policy makers and generating impact.</p> <p>Experience of writing up findings in non-academic outlets.</p>
Behavioural Characteristics	<p>Excellent written and verbal communication skills.</p> <p>Ability to work independently.</p> <p>Able to communicate complex and conceptual ideas to a range of target groups and audiences.</p> <p>Evidence of the ability to collaborate actively within the Institution and externally to complete research projects and advance thinking.</p> <p>Able to participate in and develop external networks.</p> <p>Able to identify sources of funding, generate income, obtain consultancy projects, or build relationships for future</p>	<p>Ability to speak the French and/or Flemish languages.</p>

	<p>activities.  Able to balance the pressures of research, administrative demands and competing deadlines.</p>	
Circumstances	<p>Able to work flexibly, for example undertaking field research in the evenings or at weekends, as appropriate.  Able to travel to fieldwork locations in the UK and internationally for data collection.  Able to travel to conferences or seminars in UK or international locations.</p>	

**Informal Enquiries**

Before submitting an application you may wish to discuss the post further by contacting Professor Patrick Devine-Wright, e-mail [p.g.devine-wright@exeter.ac.uk](mailto:p.g.devine-wright@exeter.ac.uk) or telephone 00 44 (0)1392 72 2298.

**Terms & Conditions**

Our Terms and Conditions of Employment can be viewed [here](#).

**Further Information**

Please see our [website](#) for further information on working at the University of Exeter.