



## THE POST

**College:** [College of Engineering, Mathematics and Physical Sciences](#)

**Post:** Postdoctoral Research Fellow

**Reference No:** P68866

**Grade:** F

**HERA:** RFEL

**Reporting To:** Peter Connor

### Job Description

#### **Main purpose of the job:**

The SHIFFT (Sustainable Heating: Implementation of Fossil-Free Technology) project aims to support the shift to a low carbon economy by accelerating the adoption of sustainable heating solutions for existing buildings in the Interreg 2 Seas area. The University of Exeter will take a lead role in addressing the enablement of adoption of low carbon heat systems in communities within the four Member States of the INTERREG 2 Seas region (UK, France, Belgium and the Netherlands). This job role will contribute to producing city strategies for four European cities as well as producing general guidance for other cities to devise their own city strategies. The position will require consideration of policy and regulatory issues in the distinct national environments and their interaction with technical and behavioural solutions. The research associate will work with other researchers at the University of Exeter and in partner organisations to address these areas.

#### **Main duties and accountabilities:**

1. To undertake research as appropriate to the field of study including:
  - Acting as an investigator on the SHIFFT research project;
  - Developing research objectives and appropriate methodologies;
  - Contribute to the development of low carbon heating strategies for up to four European cities;
  - Conducting individual or collaborative research;
  - Extending, transforming and applying knowledge acquired from scholarship to research and appropriate external activities;
  - Writing or contributing to publications or disseminating research findings using media appropriate to the discipline;
  - Making presentations at conferences or exhibiting work in other appropriate events;
  - Assessing, interpreting and evaluating outcomes of research;
  - Developing ideas for application of research outcomes;
  - Developing new concepts and ideas to extend intellectual understanding;
  - Resolving problems of meeting research objectives and deadlines;
  - Developing ideas for promoting the research area;
  - Deciding on research programmes and methodologies, often in collaboration with colleagues at Exeter and at partner organisations;
  - Attendance at project meetings in England, France, Belgium and the Netherlands;
  - Maintaining knowledge of low carbon heating literature, particularly in the area of policy and regulation.
  - Developing productive working relationships with other members of staff;
  - Co-ordinating the work of colleagues to ensure equitable access to resources and facilities;
  - Dealing with standard problems and helping colleagues to resolve their concerns about progress in research.

2. To routinely communicate complex ideas to those with limited knowledge as well as to peers using high level skills and a range of media and to present the results of scientific research to sponsors and at conferences.
3. To plan, co-ordinate and implement research programmes including:
  - Managing the use of research resources and ensuring that effective use is made of them;
  - Managing research budgets;
  - Helping to plan and implement meetings with different stakeholder groups, as necessary.
4. To routinely communicate complex and conceptual ideas to those with limited knowledge as well as to peers using high level skills and a range of media and to present the results of scientific research to sponsors and at conferences.
5. As determined by the nature of the project and at the direction of the PI, to plan, co-ordinate and implement research programme activity including:
  - Managing the use of research resources and ensuring that effective use is made of them;
  - Monitoring and reporting on the use of research budgets;
  - Helping to plan and implement commercial and consultancy activities;
  - Where appropriate, to plan and manage own consultancy assignments.

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 or equivalent in a related field of study.	Be a nationally recognised authority in the subject area.
Skills and Understanding	Possess sufficient specialist knowledge in the discipline to develop research programmes and methodologies.  Record of research output in nationally recognised publications.	Familiarity with EU and/or UK low carbon heat policy.
Prior Experience	Experience of managing research projects and research teams.	Experience of undergraduate / postgraduate teaching and supervision.  Experience of acting as principal investigator on research projects.
Behavioural Characteristics	Excellent written and verbal communication skills.  Able to communicate complex and conceptual ideas to a range of groups.  Evidence of the ability to collaborate actively within the Institution and externally to complete research projects and advance thinking.  Able to participate in and develop external networks.  Able to identify sources of funding, generate income, or build relationships for future activities.	

	Able to balance the pressures of research, administrative demands and competing deadlines.	
Circumstances or Additional Competencies/Experience	<a href="#">Click here to enter text.</a>	Experience of completing professional quality deliverables to schedule.  Evidence of a publication record in the energy field.

**Informal Enquiries**

Before submitting an application you may wish to discuss the post further by contacting Peter Connor, Senior Lecturer in Renewable Energy Policy, telephone (01326 371870) or email [P.M.Connor@exeter.ac.uk](mailto:P.M.Connor@exeter.ac.uk).

**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.