

**THE POST**

<b>College:</b>	<b>University of Exeter Business School</b>
<b>Post:</b>	<b>Industrial Impact Fellow (Postdoctoral Research Fellow – Tevi)</b>
<b>Reference No:</b>	<b>R60173</b>
<b>Grade:</b>	<b>F</b>
<b>Reporting To:</b>	<b>Prof Steffen Boehm – Professor in Organisation and Sustainability</b>

The post holder will lead in the development and application of **environmental growth/circular economics tools** and have practical experience and/or a research background in a related field of study (examples of which are outlined below). The post holder will also be able to derive business benefit from such skills and knowledge, specifically working with micro, small and medium-sized enterprises (SMEs). The post holder will work closely alongside project partners and the wider project delivery team. The post holder will have a PhD or equivalent qualification/experience (including being from an industrial background) in a related field.

This full-time, fixed term contract will work on a partnership project, Tevi. The post is available from 21<sup>st</sup> January 2019 until 31st January 2021 and is part of a project involving the University of Exeter, Cornwall Council, Cornwall Development Company and Cornwall Wildlife Trust. It is funded through the European Regional Development Fund (ERDF) and forms part of the European Structural & Investment Funds for Cornwall & the Isles of Scilly and as such business support and engagement is fundamental to the delivery of the project.

The post holder will be based in the University of Exeter Business School and a member of Centre for Circular Economy, based at our Penryn Campus in Cornwall. The Centre (<https://business-school.exeter.ac.uk/research/centres/circular/>) is a global leader in circular economy theory and practice, and in 2017 the University of Exeter was designated as a Global Pioneer University by the Ellen MacArthur Foundation. The post holder will be required to work closely and effectively with external project partners and wider project colleagues based within the University's Environment and Sustainability Institute and Impact, Innovation and Business.

**Job Description****Main purpose of the job:**

We are seeking someone with the experience of working at the interface of environment and businesses, especially SMEs. The post holder will be someone who is keen to address how the business community can be supported to transition from a paradigm of environmental degradation to one of environmental growth and developing real-world circular economics.

The post holder will lead in the development and application **environmental growth/circular economics tools**, which will necessitate close working project partners and businesses. The post holder will take the lead on the engagement with specific businesses and be responsible for delivering business assists.

It is anticipated that the post holder will have advanced skills and applied research experience in some of the following areas: **circular economy; business innovation and management; business resource efficiency; environmental management; management decision support systems; project management; change management; environmental impact assessment; waste management; corporate sustainability; balanced scorecard.**

The post holder will also be expected to lead in other areas of the project aligned to their specific skills and experience.

The post-holder will actively contribute to team decision making and use creativity to analyse and interpret data to generate original ideas and impact for participating partners, stakeholders and businesses. This will

require the post holders to play clear roles within the delivery of business-led 'environmental challenge networks,' supporting new business opportunities from the exploitation of environmental data and payment for ecosystem services trials. Additionally, the post holder will facilitate business engagement with the Tevi grant programme and Cornwall Sustainability Awards. The outcome of such work will potentially lead to the publication of research of international standing and quality and/or the contribution towards Impact Case Studies.

### **Background to the Environmental Growth for Business Project:**

Tevi ([www.tevi.co.uk](http://www.tevi.co.uk)) is an exciting project seeking to innovatively integrate 'ecosystem services' and 'circular economy' approaches to drive business innovation, resource efficiency and contribute to Cornwall's long-term environmental growth. Tevi will work and support small and medium- sized enterprises (SME's) in Cornwall and Isles of Scilly to identifying opportunities for increased productivity and economic resilience through improvements in resource efficiency alongside business-led opportunities that contribute to the delivery of Cornwall's Environmental Growth Strategy (2015 – 2065).

Tevi is a partnership project led by the University of Exeter and involving Cornwall Council, Cornwall Development Company and Cornwall Wildlife Trust (including the Environmental Records Centre for Cornwall and Isles of Scilly). Business support and engagement is fundamental to the delivery of the project and a key aspect of all posts within it.

Tevi has multiple integrated work streams: including the development and implementation of environmental growth focused business support tools, business-led grant funds and environmental challenge networks. Tevi is also developing an environmental sensor network and 'natural capital information and management hub' as well as integrate closely with existing initiatives such as the Cornwall Sustainability Awards.

### **Industrial Impact Fellow (Postdoctoral Research Fellow – Tevi)**

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

1. To undertake impact-orientated research as appropriate to the field of study. The responsibilities may include all or some of the following:
  - Acting as principal investigator on research projects;
  - Developing research objectives, projects and proposals;
  - Conducting individual or collaborative research projects;
  - Identifying sources of funding and contributing to the process of securing funds;
  - 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 new concepts and ideas to extend intellectual understanding;
  - Resolving problems of meeting research objectives and deadlines;
  - Developing ideas for generating income and promoting research area;
  - Developing ideas for application of research outcomes;
  - Deciding on /following research programmes and methodologies, often in collaboration with colleagues and sometimes subject to the approval of the head of the research programme on fundamental issues.
2. To work effectively as a member of a wider research/project delivery team. Responsibilities may include:
  - lead and contribute to the delivery of wider project activities, outputs and outcomes
  - Ensure exemplary levels of project compliance and eligibility
  - lead and support project reporting, including liaison with project partners, funders, stakeholders and beneficiaries
  - lead and support the development of research impact activities (including evaluating and evidencing) appropriate to the field of study, project and activities undertaken
3. To contribute to teaching and learning programmes in the School and to supervise postgraduate research students.

4. To act as research team leader including:
  - Mentoring colleagues with less experience and advising on their professional development;
  - Coaching and supporting colleagues in developing their research techniques;
  - Supervising the work of others, for example in research teams or projects;
  - 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 help colleagues to resolve their concerns about progress in research.
  
5. 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.
  
6. As determined by the nature of the project and at the direction of the PI, to plan, co-ordinate and implement research and impact 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 qualification/experience (including industrial background) in a related field of study	Be a nationally recognised authority in the subject area.
Skills and Understanding	Possess sufficient specialist knowledge or experience in the discipline to develop/follow research or impact programmes and methodologies. Record of research output in high quality publications and/or demonstrable experience of project delivery in an appropriate field or industrial setting.	A demonstrable ability to identify opportunities whereby the integration of 'ecosystem services' and 'circular economic' approaches can support business innovation and resource efficiency.
Prior Experience	Experience of managing research or delivery projects and research/project teams.	Experience of working at the interface of business and the environment and/or exemplified knowledge of in some of the following areas: circular economy; business innovation and management; business resource efficiency; environmental management; management decision support systems; project management; change management; environmental impact assessment; waste management; corporate sustainability; balanced scorecard

		<p>Experience of working within an interdisciplinary/transdisciplinary environment.</p> <p>Experience of working with collaborative projects with multiple partners.</p>
Behavioural Characteristics	<p>Excellent written and verbal communication skills.</p> <p>Able to communicate complex and conceptual ideas to a range of groups.</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 balance the pressures of research, administrative demands and competing deadlines.</p>	<p>Able to identify sources of funding, generate income, obtain consultancy projects, or build relationships for future activities.</p> <p>Ability to communicate and engage with non-specialist audiences and communities</p>
Circumstances		Flexible working opportunities will be considered

**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.