

Job Description

Job title

Economic Analyst – CIRCuIT Programme

Reports to

The Economic Analyst reports to the Senior advisor.

ReLondon overview

ReLondon was established in 2008 as the London Waste and Recycling Board. Since then, it has helped to provide additional recycling capacity in London; helped boroughs provide efficient waste services; and, against a backdrop of declining recycling rates nationally, helped London maintain its recycling performance. ReLondon works with a multitude of individuals and organisations in London, across the UK and around the world, and has become recognised as a world leader in Circular Economy thinking and practice.

Our 2021-2025 Business Plan sets out our work programme for the next four years and includes the objective of becoming financially sustainable at the end of this period by generating third party funding and commercial revenue. Our work includes activities developed and delivered in partnership with other organisations to promote circular economy principles and, thereby reduce waste and increase recycling and reduce consumption-based emissions.

Role overview

To support in the delivery of a Horizon 2020 funded built environment / circular cities project. The person will be responsible for ensuring the economic appraisals of the nine London demonstrators are completed. This will involve liaising with the individual project teams, gathering and analyzing the data, running scenarios relating the benefits of circular construction and writing the findings up. The person should be experienced in conducting life cycle costings of buildings and preferably have an understanding of the different ways that circular construction can add to whole-life value and how to incorporate this into the economic appraisal. Knowledge and experience of lifecycle assessment of environmental performance would also be a benefit to the role.

Responsibilities and duties

Economic analysis

- Provide a critical review of the current approach to carry LCC in supporting circular economy approaches
- Conduct economic analysis of nine London demonstrator projects in relation to the four components of life cycle costs, as described in ISO 15686-5 2017 Buildings and constructed assets — Service life planning — Part 5: Life-cycle costing; construction costs, operation costs, maintenance costs and end-of-life costs, along with the relevant components of whole life cost; externalities, non-construction costs and income.
- Liaise with CIRCulT project partners to agree methods
- Establish non-circular baselines for the demonstrators against which comparisons can be made.
- Assess the overall financial performance of the demonstrators in terms of net present value and return investment, where applicable
- Liaise with various demonstrator project teams to extract relevant data and make informed assumptions where actual data is not available.
- Write up the findings of each case study into a pre-defined template, and make any suggestions to improve the template
- Write up general findings from the London demonstrators for each of the CIRCulT focus areas:
 - Urban mining and reverse cycles (Recycling and reuse)
 - Extend life-cycles through transformation and refurbishment
 - Design for disassembly and flexible construction
- Write up any new or novel methods used to conduct the economic analysis

Related activities

- Assess how regional demands, price levels and developments as well as legal requirements might provide future price drivers
- Provide recommendations for procurement guidelines, funding schemes and fee structures to support the reuse and recycling of building materials and the reuse of building elements.
- Liaise with CIRCulT project partners to explore how material volumes from Revit models can be 'extracted' instantaneously and linked directly to LCA/LCC 'calculations'.
- Propose replicability of findings of the nine demonstrators to other buildings in London
- Support CIRCulT project partners to conduct life cycle assessments (of environmental performance) on the demonstrators.
- Write a technical blog or article summarising the work

Other duties

- To undertake such other duties, as may be reasonably required and which are consistent with the general level of responsibility of this job
- Carry out all tasks and allocated work within agreed timescales and budgets
- Support other projects which require similar duties.

Person specification

Skills and Aptitudes	<ul style="list-style-type: none"> • Conducting life cycle costing of buildings • Economic appraisal of building projects including long term value and return on investment • Ability to communicate technical information and findings to a wide range of audiences • Liaising with multiple stakeholders and design teams • Assessing the cost and value implications of circular construction techniques (Desirable) • Life cycle assessments of buildings (Desirable) • Participating in collaborative research activities (Desirable)
Qualifications	No specific qualifications are required for this position. Chartered status (MRICS) with the Royal Institution of Chartered Surveyors (RICS) or equivalent would be useful.
Competencies	<p>Making Effective Decisions</p> <p>Effectiveness in this area is about using sound judgement, evidence and knowledge to arrive at accurate, expert and professional decisions and advice. It's about reaching evidence-based conclusions, evaluating options, impacts, risks and solutions and creating a secure culture around the handling of information</p> <p>Collaborating and Partnering</p> <p>People skilled in this area are team players. At all levels, it requires working collaboratively, sharing information appropriately and building supportive, trusting and professional relationships with colleagues and a wide range of people within and outside ReLondon, whilst having the confidence to challenge assumptions.</p> <p>Achieving Positive Outcomes</p> <p>Being effective in this area is about maintaining an economic, long-term focus in all activities. For all, it's about having a financial and sustainable mindset to ensure all activities and services are delivering added value and working to enhance the circular economy. For leaders, it's about identifying environmental, economic, market and public issues and using these to promote</p>

	<p>innovative business models, commercial partnerships and agreements to deliver greatest value.</p> <p>Managing a Quality Service</p> <p>Effectiveness in this area is about valuing and modelling professional excellence and expertise to deliver service objectives, taking account of diverse stakeholder needs and requirements. People who are effective plan, organise and manage their time and activities to deliver a high quality, secure, reliable and efficient service, applying programme, project and risk management approaches to support service delivery.</p> <p>Delivering at Pace</p> <p>Effectiveness in this area means focusing on delivering timely performance with energy and taking responsibility and accountability for quality outcomes. For all staff, it's about working to agreed goals and activities and dealing with challenges in a responsive and constructive way.</p>
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Benefits

- Term: 6 months fixed term or secondment from October 2021
- Hours: Part-time 15 hours per week.
- Grade 5 (fixed term contract only): £36,952 – £40,890 (pro rata)
- Voluntary employee's contribution matched by employer up to 4% of salary (fixed term contract only)
- 30 days holiday plus bank holidays pro rata (fixed term contract only)
- Location: The officer will be based at the ReLondon's Offices at The White Collar Factory, 1 Old Street Yard, EC1Y 8AC. Some remote working will be expected. Travel to project partner offices, demonstration sites and events across London will be required.