

Sustainable Materials Analyst

Date: 15/07/2025

Department: People and Culture

Location: Burlington Street

Reports To: Head of Academy

Purpose of the Role

As a Sustainable Material Analyst at Whitecroft Lighting, you will be responsible for producing sustainability data (LCA/EPD) for the business and its partners, to optimise material usage, and minimise the environmental footprint of our products and the buildings we supply.

Key Responsibilities

Material Lifecycle Analysis

- Conduct in-depth assessments of materials and products to understand their environmental impact, including carbon footprint, energy consumption, and resource depletion.
- Evaluate the sustainability credentials of alternative materials and assess their feasibility for implementation.
- Utilize life cycle assessment (LCA) methodologies including EPDs, TM65, C2C, TM66 etc to quantify environmental impacts and identify areas for improvement.

Circular Product Life-Cycle Reporting

- Support the business in the feasibility, market need and implementation of future product life cycle metrics such as 'Material Passports'.

Material Innovation Development

- Research and identify sustainable alternative options for materials, considering factors such as renewable resources, recycled content, and ethical sourcing practices.
- Support different parts of the business through analysis and guidance in the appropriate selection of materials to meet wider sustainability strategic ambitions. These would include but not limited to: Operations, Purchasing, Product Design, and Product Management.

Market Analysis and Insights

- Stay informed about relevant environmental regulations and industry standards related to material usage and life cycle assessment.
- Engage with key customers, partners, and stakeholders in the lighting industry, and wider value chain within the application of environmental sustainability.

Delivery of Technical Content

- Support the product management team in the delivery of lighting technical data (Revit, Relux & DIALux) needed to support our customers, lighting design and salesforce in the design of lighting solutions.

Required Skills & Experience

Essential

- Bachelor's degree in Environmental Science, Sustainability, Materials Science, Engineering, or related field.
- Strong understanding of sustainability targets, principles and practices, with knowledge of relevant regulations and standards.
- Excellent communication and interpersonal skills, with the ability to collaborate effectively across teams and influence stakeholders.
- Detail-oriented with strong analytical and problem-solving skills.
- Ability to work independently, prioritize tasks, and manage multiple projects simultaneously.
- Passionate about environmental sustainability and making a positive impact through your work.

Desirable

- Specific Lighting industry knowledge and experience
- Use of OneClick LCA software
- Experience with Revit/BIM software.

Brand Value Behaviours

Curious? creators

- Builds awareness and understanding of other functions and the wider business environment.
 - Suggest better ways of working and proposes improvements.
 - Communicates in a clear, timely, genuine and concise manner.
- Is open minded and willing to try out new approaches and solutions.

Committed together

- Builds good relationships with others in the team.
- Is there for others when support is needed, identifies when colleagues need help and acts appropriately.
 - Shows an interest in our customers and their needs.
 - Listens and ensures it's a 2-way conversation.
 - Escalates issues effectively.

Aim higher

- Has a positive, can do attitude.
- Cares about and takes pride in standard of work.
- Interacts confidently with colleagues in the team.
- Shares ideas and knowledge within own field freely.

Document Management
Written By Tim Bowes Date: July 2025