

<b>Job title:</b>	<b>Environmental Designer</b> – all levels
<b>Reporting to:</b>	Discipline Lead on a day-to-day basis and ultimately to the Senior Partner
<b>Objective:</b>	To contribute to the Sustainable Environmental Design + Analysis team's engineering, master planning, benchmarking and strategic sustainability output for projects within the Practice.

Foster + Partners is an integrated architectural + engineering practice, committed to delivering sustainable and environmentally responsive projects that reflect the targets of The Paris Agreement.

The Sustainable Environmental Design and Analysis Team are looking for experienced Environmental Designers to join our growing Environmental Engineering team at Foster + Partners. In your role you'll have the chance to apply your expertise across a diverse range of projects— local masterplans to global landmarks. With the role being pivotal in shaping the design of spaces for future users.

#### What You'll Do:

- Develop and apply environmentally appropriate and climatically resilient responses that enhanced comfort, protect natural resources, be energy and water efficient, and deliver human centred responses.
- Act as the conduit to integrate and embed environmental sustainability into our projects around the world.
- Utilise computational analysis, leveraging our cutting-edge software and evolving computational tools for high-performance, resource-efficient developments.
- Identify and apply environmentally appropriate and climatically resilient design responses that enhance comfort, protect natural resources, and deliver human-centered designs.
- Collaborate passionately, infusing sustainability into every project.

#### The Role:

- Guide teams on embedding environmental strategies into architectural designs.
- Conduct computational simulations to boost the built environment's performance, covering energy efficiency, daylight optimization, comfort, microclimate, and carbon footprint.
- Collaborate across disciplines to integrate sustainable solutions, driving us towards Net Zero goals, water conservation, circular material use, and resilience.
- Craft and deliver clear, engaging environmental design presentations and reports for clients and in-house teams, utilizing visuals, diagrams, videos, and interactive formats.
- Expand your expertise in environmental sustainability, staying ahead of global sustainability policies and practices.
- Perform urban environmental analyses to inform and shape masterplans and public spaces with sustainable design principles.
- Develop and apply resilient design and management approaches for long-term sustainability.
- Engage with design teams to strategize on reducing the Whole Life Carbon impact for projects.
- Scout for and integrate cutting-edge low and zero carbon technologies into our projects.
- Conduct thorough research and analysis, presenting findings in concise reports, presentations, or discussions.
- Embrace environmental sustainability passionately, making it a core focus of your professional growth.

### Qualities and Skills:

- Possess an undergraduate degree in Architecture or Engineering, a Master's in Sustainable/Environmental Design, or demonstrate equivalent experience.
- Have prior experience in environmental design, analysis, or sustainability.
- Understand bioclimatic principles, low-energy, and passive design strategies for buildings and developments.
- Be knowledgeable about low and zero carbon technologies and their application in the built environment.
- Have hands-on experience with computational environmental analysis and energy modelling tools like IES-VE, Energy Plus, OpenStudio, Grasshopper, OneClickLCA, etc.
- Be an accredited professional in sustainability frameworks such as LEED, BREEAM, WELL, Mostadam, or similar.
- Be chartered, registered with a professional board, or actively pursuing such status.
- Exhibit strong graphic and illustrative skills to visually communicate design concepts.
- Show initiative and a proactive stance in daily tasks, coupled with strong organizational, leadership, and management abilities.
- Communicate complex technical information in an accessible and clear manner.
- Have practical experience with Computer Aided Design and 3D modelling, particularly with Rhino and Revit.
- Understand Environmental Impact Assessment (EIA) procedures, environmental engineering, and the construction industry dynamics.
- Demonstrate self-motivation and the ability to take responsibility for projects and tasks.
- Possess excellent interpersonal skills, capable of working both independently and within a team effectively.
- Be legally authorized to work in the designated country.

Please apply with an up-to-date CV and a portfolio demonstrating your work experience.

**Mar 24**