

Role Description: Junior Project Engineer / Consultant

Version: 01-02; Date: 06 May 2022

Start date: Summer 2022 / immediate start possible

Position: Permanent / Full-time (preferred)¹

Location: Homebased/remote with the potential for space in a shared office hub local to you

Salary: Negotiable depending on experience/value within a range of £25,000-£35,000

Other benefits: Training and development plan and mentoring; opportunities for international collaboration/training; flexible work hours; 25 days annual leave; professional institution membership fee; employee bicycle;

Focus keywords: heat networks; decentralised energy; data collection/processing; analysis of heat network options; related design support; sales support

Opportunity summary: Greenfield Nordic is seeking a junior energy engineer/consultant to join our growing team of district heating/decentralised energy specialists. You will support our heat network services, through data collation and processing, energy analysis and stakeholder engagement for mapping, feasibility and project implementation work. You would be expected to support sales activities.

At Greenfield Nordic (www.greenfieldgroup.co) you will have the chance to take part in developing district energy solutions in the UK, working closely with other teams in the Granlund group of companies (www.granlundgroup.com), drawing from an extensive track record of low carbon solution delivery in the Nordic region. We offer a dynamic work environment, professional development, and opportunities for international collaboration.

Greenfield Nordic: Climate change presents a huge challenge and our mission is to support the implementation of low carbon energy supply solutions. A transition in energy use/supply and its decarbonisation is well underway and we presently focus on heat through the deployment of heat networks and decentralised energy solutions for towns and cities and larger energy users. We also anticipate expanding our 'service offering' over coming years to include energy and carbon management, renewables, and related building-energy and energy supply areas.

Granlund is at the forefront of these issues and we combine cutting-edge energy management expertise, world-class simulation and optimisation tools, and, engineering practice.

Organisational culture: Helping staff achieve a work-life balance that supports growth is important to us. If you join Greenfield Nordic, as well as receiving a competitive salary, you will also have the opportunity to explore a flexible working arrangement. When you join Greenfield Nordic, not only do you get the chance to contribute to the challenge of decarbonising the UK, you become part of an international group of companies that are growing rapidly and pioneering a low carbon future. We strive for a workplace that encourages growth, flexibility, creativity, inclusion and well-being. We have a staff satisfaction of 4.3 / 5 with 98% of employees recommending jobs to others.

¹ A 6-month probation period will apply

Applying: Qualified applicants of all backgrounds will be considered. To respond please provide a CV with a **concise** covering letter outlining how you consider you meet our requirements (see key criteria below) and how you will bring value to the business. In addition, you **can** send a short (no more than 5 minutes) video outlining your application and reasons for applying. We reserve the right to exclude applications without a covering letter. Applications should be sent to recruitment@greenfieldgroup.co. Any information you send will be managed in line with our privacy policy (see website), including where we pass information through to external advisors supporting this recruitment.

Key assessment criteria

The following sets out key criteria against which we will review your application

Skills/knowledge....

Core:

- > Ability to apply critical thinking
- > Good verbal/presentation communication skills (to engage with a range of stakeholders)
- > Excellent written skills (including technical report writing)
- > Good organisational skills/habits and ability to manage multiple workstreams in a collaborative and dynamic environment
- > Advanced Excel capabilities
- > Ability to work independently and collaboratively on a remote basis
- > Good knowledge of key subject areas particularly: property energy demand and carbon performance, thermal (heat and cooling) energy generation systems, heating system design (boilers, flues, pumps, pipework etc)
- > Working knowledge of property standards tools, e.g. building regulations (Part L), SAP, SBEM

- > Desire to learn and develop new skills
- > Ability to drive in the UK (for site visits, client meetings)

Additional/desirable:

- > Working knowledge of GIS mapping
- > Working knowledge of heat network design and ability to support preparation of design information
- > Working knowledge of current and emerging guidance/regulation, e.g. Heat Networks Code of Practice and related codes/design guides
- > Knowledge of the Energy Services marketplace
- > Use and production of Gantt charts and other project management tools
- > Commercial awareness of energy use and supply systems

Experience....

Core:

- > Data collection/management
- > Stakeholder engagement
- > Working experience within Energy or Building Services sectors
- > Involvement in energy-related 'option studies' / Energy Audits / District Heating feasibility or design studies
- > Modelling of complex problems using software tools including MS Excel

Additional/desirable:

- > Building and energy system condition surveys
- > Working on implemented/operational district heating projects
- > Use of formalised Project Management systems
- > Delivery of complex/innovative projects
- > Identification and assessment of possible Energy Conservation Measures in the built environment

Anticipated Qualifications....

- > Masters degree / good Bachelor degree in related engineering, science or applied technology subject
- > Membership of recognised professional institutions, e.g. CIBSE, Energy Institute
- > Interesting working towards relevant charterhip
- > (Desirable) Relevant accreditation, e.g. Heat Network Consultant, EPC/DEC Assessor, Low Carbon Consultant