

VACANCY FOR AN ENVIRONMENTAL ENGINEER – EXPERTISE IN LIFE CYCLE ASSESSMENT

WAVEC OFFSHORE RENEWABLES

JOB DESCRIPTION:

WaveC – Offshore Renewables is recruiting a collaborator in Engineering, with experience/training in Life Cycle Assessment (LCA) of projects deployed in the marine environment, to conduct tasks related with data collection and analysis on the reduction of environmental impacts in the aquatic environment. The researcher should preferentially be experienced and have training on environmental and socio-economic impacts assessment in the marine environment with special focus on the Portuguese legislation. The candidate is expected to collaborate in ongoing activities in the framework of European and national projects, as well as services. The selected candidate will be integrated in the Marine Environment and Licensing team and will develop research on management and mitigation measures and on the development of new methods and metrics to assess the life cycle of projects and the implementation of processes that increase the circularity of the materials used, reducing the carbon footprint of projects. In addition, the candidate should preferentially have skills related to the environmental permitting of projects according to the Portuguese law.

The researcher will be under the coordination of the Head of the Marine Environment and Licensing team.

THE SUCCESSFUL CANDIDATE MUST HAVE THE FOLLOWING PROFILE:

Education: Master 's or Degree.

Scientific Area: Environmental Engineering/Materials Engineering/Industrial Management Engineering/Biological Engineering or other relevant areas.

Requirements for admission:

- Knowledge of Life Cycle Assessment (LCA) methodology;
- Experience with LCA software, e.g., SimaPro or OpenLCA;
- Knowledge on Materials and Manufacturing processes in diverse and cross-cutting blue economy sectors;
- Circular economy and material recyclability;
- Carbon footprint calculation;
- Experience in writing technical and scientific reports;
- Fluency in English.

Although these are not mandatory requirements, the candidate should preferably have the following skills:

- Ability to write scientific publications;
- Modelling and simulation of specific processes used by the maritime sector;
- Knowledge in Life Cycle Cost Studies (LCC);
- Knowledge in Social LCA (sLCA);
- Experience in contacting with national authorities regarding the permitting and environmental authorization of projects in the maritime space;
- Knowledge of statistical analysis;

- Autonomy and versatility.

DESCRIPTION OF THE EMPLOYER

WavEC Offshore Renewables is a private non-profit organisation dedicated to the development and promotion of offshore renewable energy, through technical and strategic support to companies, R&D institutions, and public entities. Since its creation in 2003, WavEC has focused its activity on R&D&I applied to offshore renewables (device design, monitoring and techno-economic optimization, environmental assessment, policy support, and dissemination, among others), rapidly becoming an institution of reference across Europe.

JOB OFFER DETAILS

Expected start date: March 1, 2022.

Workplace: The work will be carried out at the WavEC offices in Lisbon.

Employer: WavEC Offshore Renewables.

Duration of employment contract: 12-month contract, after which its renewal will be evaluated.

Remuneration: To be agreed considering the candidate's profile and experience, with other compensations associated with the position and its performance being included in the remuneration, such as meal allowance and health insurance.

Application deadline: The applications should be submitted from January 26th to February 13th. The results are expected to be released by the end of February.

APPLICATION PROCESS

Applications must be officialized by sending the following documents: Curriculum vitae of the candidate, the candidate's motivation letter, proof of professional experience and training including letters of recommendation, proof of courses or internships performed.

Applications must be submitted electronically to andreia@wavec.org with the following text in the subject line: Researcher in ENVIRONMENTAL ENGINEER – EXPERTISE IN LIFE CYCLE ASSESSMENT.