

We are Hiring

Researcher in Solar Energy for Industrial Innovation

In HOLOSS, you will be involved in a variety of activities ranging from exploration to technology research, including technology transfer. You can develop your professional career through projects at the forefront with a high level of commitment and responsibility in each project. We offer you the opportunity to participate in national and international congresses, conferences, and European (EU) and Portuguese (PT) projects with prestigious EU universities, research centres, and industries.



MAJOR RESPONSIBILITIES

- Collect, process, and analyse large volumes of structured and unstructured data from various CSP technologies to develop high-resolution datasets for Life Cycle Sustainability Assessment (LCSA) and Techno-Economic Assessment (TEA).
- Develop and optimise renewable energy systems, including solar, to maximise energy output and efficiency in industrial processes, while minimising environmental impact.
- Perform data analysis and visualisations using Excel or other tools (e.g., Tableau, R).
- Conduct data-driven and physics-based pseudo-code development.
- Conduct bespoke research for HOLOSS projects.
- Prepare technical reports (deliverables), peer-reviewed articles, white papers, briefings, and other materials on all aspects of sustainability.
- Make presentations at national and international workshops and conferences.
- Mapping of EU & PT funding opportunities.
- Contribute to the design of project proposals and write new R&D project proposals (e.g., Horizon Europe).



REQUIREMENTS

- Master's Degree in Science, Technology, or Engineering fields, with a major in Solar Energy.

- Flawless knowledge of English (spoken and written).
- Experience in designing and developing solar energy systems (CSP) that integrate concepts of local sustainability, community engagement, and worker well-being and safety.
- Pro-active, self-motivated, and result-oriented with a problem-solving mindset, and strong team-working capability but is also able to work autonomously and creatively to solve problems independently.
- Ability to manage multiple projects and priorities effectively.
- Demonstrated ability to effectively collaborate with multidisciplinary teams, ensuring seamless integration and innovation within HOLOSS.
- Strong drive to learn new topics and skills and develop innovative insights.
- Availability and willingness to travel abroad for meetings and events.



DESIRABLE:

- Data science programming languages (e.g., Matlab, Python, SQL, and C/C++) will be considered meritorious but not limited.
- Ability to develop solutions that benefit not only the technology but also workers, the community, and the environment.
- Awareness of the health, environmental, economic, and social aspects of value chains.

- Experience with EU projects.



OUR OFFER

- A position entirely on-site – Monção/Portugal (ineligible for remote or hybrid work).
- A full-time position with the desire to start as soon as possible.
- An attractive salary package, complemented with coaching, further training, and much more, rounds off our offer.
- The opportunity to participate in international conferences and meetings
- A young team where every voice counts and trust, respect, and kindness are part of everything we do.



CONTACT

Please submit your application electronically to holoss@holoss.com. The application must include:

- Cover letter and Curriculum vitae
- Copy of relevant diplomas with grades

The application and supporting documentation must be in Portuguese or English. Please email all materials as a single PDF file with the subject line **“SEII – [your name]”** no later than **18.00 (Lisbon Time) on April 10, 2025**. Failure to comply with the requirements and instructions herein provided will disqualify the applicant. Only shortlisted candidates will be contacted for an interview.

HOLOSS is an equal opportunity employer committed to achieving diversity within the workforce and creating an inclusive working



environment. Thus, we welcome applications from all qualified candidates, irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability, or other characteristics.

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