

We are Hiring

Researcher in the field of Polymer Chemistry for Sustainability

In HOLOSS, you will have the opportunity to take part in a wide range of activities, from researching new technologies to developing integrated methodologies through projects at the forefront. You can develop your career with a high level of commitment and responsibility for each project. You will also have the possibility to attend national and international congresses, conferences, and European (EU) and Portuguese (PT) project meetings with prestigious universities, research centres, and industries.



MAJOR RESPONSIBILITIES

- Develop innovative polymer processing strategies that increase the valorisation of polymer waste streams.
- Conduct engineering assessments, process modelling, simulation, optimisation, integration, and technoeconomic analysis spanning a variety of plastic production routes and waste recycling technologies.
- Collect, process, and analyse large volumes of structured and unstructured data to create high-resolution datasets for Life Cycle Sustainability Assessment (LCSA) and Techno-Economic Assessment (TEA).
- Perform LCSA and TEA studies.
- Lead bespoke research for our projects.
- Perform data analysis and visualisations using Excel or other tools (e.g., Tableau, R).
- 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 and PT funding opportunities.
- Contribute to the design of project proposals and write new R&D project proposals (e.g., Horizon Europe).



REQUIREMENTS

- Bachelor's Degree in Chemistry, Chemical Engineering, or a closely related field and a Master's Degree in Polymer Science with a focus on sustainability.
- You must have >4 years of experience or comparable work/educational experience in:

- Micro-, meso-, and macroplastics fields for sustainability and the circular economy.
- Proven experience in managing plastic waste: sorting, recycling, disposal, and product redesign.
- Process modelling, simulation, optimization, integration, and technoeconomic analysis of recycling and product redesign routes (process simulators such as Aspen Plus and HYSYS).
- Flawless knowledge of English (spoken and written). Equivalent to the Cambridge English C1 proficiency.
- Pro-active, self-motivated, and result-oriented with a problem-solving mindset, and strong team-working capability, but is also able to work in autonomy and creatively to solve problems independently.
- Ability to follow and complete complex instructions in a timely and efficient manner.
- Strong drive to learn new topics and skills and develop innovative insights.
- Availability and willingness to travel abroad and stay overnight for meetings and events.



DESIRABLE:

- Programming skills (e.g., Matlab, Python) will be considered a merit.
- Coding experience and/or mindset in data processing.
- Awareness of the health, environmental, economic, and social aspects of value chains.
- Experience with EU projects is an advantage.



OUR OFFER

- A position entirely on-site in Monção, Portugal (ineligible for remote or hybrid work). Monção is a municipality located in the frontier area between Portugal and Spain,

near the cities of Santiago de Compostela (120 km), Vigo (40 km), Braga (90 km), and Oporto (140 km). Santiago de Compostela, Vigo, and Oporto have international airports.

- A full-time position with the desire to start in January 2024.
- 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 a **cover letter, curriculum vitae, copy of relevant titles with grades, and English certification.**

The application and supporting documentation must be in Portuguese or English language. Please send all materials in **one (1).pdf** file through email with the subject **"PCS – [your name]"** no later than **18.00 (Lisbon Time) on October 10, 2023**. Failure to comply with the requirements and instructions herein provided will disqualify the applicant. Only shortlisted candidates will be contacted for an online 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.*