

# We are Hiring

## Researcher in Chemical Engineering for Toxicological and Environmental Data Applications

*At HOLOSS, you will have the opportunity to engage in a wide range of activities, from researching new technologies to developing integrated methodologies through cutting-edge projects. You can grow your career with a high level of commitment and responsibility in each project. You will also have the opportunity to attend national and international congresses, conferences, and project meetings, both European (EU) and Portuguese (PT), with top universities, research centres, and industry partners.*



### MAJOR RESPONSIBILITIES

- Apply mass and energy balances, along with supporting mathematical models, to quantify material flows and emissions, **producing structured datasets for LCA tools**.
- Conduct **toxicological assessments** using in silico tools, experimental data, and threshold values (e.g., DNEL), generating datasets for environmental impact modelling.
- Develop and validate predictive models of health hazards and environmental impacts using **structured datasets** and data-driven approaches.
- Build **integrated databases**, aligned with FAIR data principles.
- Implement **LCI models** and link them with toxicological indicators to support **SSbD decision-making**.
- Lead **bespoke research activities** within 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 covering all aspects of sustainability.
- Deliver presentations at national and international **workshops and conferences**.
- Map **EU and Portuguese funding opportunities**.
- Contribute to the design and writing of **new R&D project proposals** (e.g., Horizon Europe).



### REQUIREMENTS

- Degree in **Chemical and Process Engineering or Industrial Chemistry Engineering**, complemented by a

specialisation in toxicological and environmental assessment and data analysis.

- Minimum of **2 years of experience** in assessing chemical processes using mass and energy balances, combined with toxicological or environmental data analysis in engineering or research contexts.
- Excellent command of English (spoken and written), **equivalent to Cambridge English C1 proficiency**.
- Proactive, self-motivated, and results-oriented, with a **problem-solving mindset and strong teamwork skills**, while also able to work independently when required.
- Ability to follow and complete complex instructions efficiently and **within deadlines**.
- Strong **willingness to learn new topics and skills**, and to develop innovative insights.
- **Availability and readiness to travel abroad**, including overnight stays for meetings and events.



### DESIRABLE:

- Curiosity and a strong growth mindset, with a proven ability to learn quickly.
- Excellent analytical and problem-solving skills, with strong attention to detail.
- Awareness of health, environmental, economic, and social aspects of value chains.
- Experience in EU-funded projects is considered an asset.



### OUR OFFER

- A **position entirely on-site in Monção**, Portugal (not eligible for remote or hybrid work). Monção is located in the border region between Portugal and Spain, close to several major cities: Vigo (~30 km), Santiago de Compostela (~120 km), Braga (~60 km), and Porto

(~140 km). Vigo, Santiago de Compostela, and Porto all have international airports.

- A **full-time position** starting in October 2025, offered as an initial 12-month contract with strong potential for renewal based on performance.
- A competitive salary package, **according to qualifications and experience**, complemented by coaching, training opportunities, and more.
- The opportunity to participate in **international conferences and project meetings**.
- A **collaborative team culture** that values initiative, problem-solving, excellence, and a strong sense of collective purpose.



### CONTACT

Please submit your application electronically to **holoss@holoss.com**. The application must include a cover letter, curriculum vitae, copies of relevant degree certificates with transcripts (including grades), and proof of English language proficiency.

All documentation must be submitted in either Portuguese or English. Please send all materials in a single PDF file, using the subject line "RCE – [your name]", no later than **18:00 (Lisbon time) on 5 September 2025**. Failure to comply with these requirements and instructions will result in disqualification. Shortlisted candidates will be notified by email.

*HOLOSS is an equal opportunities employer, committed to promoting diversity within the workforce and fostering an inclusive working environment. We welcome applications from all qualified individuals, regardless of gender, sexual orientation, ethnicity, beliefs, age, disability, or other personal characteristics.*