



# CIRAIG<sup>MC</sup>

Centre international de référence sur le cycle de vie des produits, procédés et services

## CALL FOR APPLICATIONS

### Life cycle analyst

Are you trained in engineering or environmental science, with a knowledge of and passion for the major sustainability issues facing our society? Do you strive for excellence and are you motivated to join a dynamic team that conducts studies and develops sustainability measurement tools/metrics for the private and public sectors and civil society, with a strong focus on life cycle assessment of products and services?

The CIRAIG is currently recruiting for an intermediate life cycle assessment analyst position and is looking for candidates who meet these attributes.

The CIRAIG is a world-renowned research centre with scientific research and applied research experience in partnership with industry and governments. We strive for excellence in our work and cultivate a dynamic work environment characterized by collegiality, respect and multidisciplinary. Our team is diverse, both in terms of occupations (professors, researchers, graduate students and analysts) and skills (engineering, management, social sciences, etc.) and the mandates carried out by our analysts cover a variety of sectors and topics.

### Job description

The CIRAIG is seeking to fill a full-time position of Life Cycle Assessment Analyst for its office located at the EPFL Energypolis campus and the HES-SO Valais Wallis in Sion (Switzerland). The analyst will carry out life cycle assessment projects applied to various sectors, with a focus on energy systems and low-carbon and renewable energy conversion technologies, as well as other types of projects (research, industrial contracts, development of tools and metrics, ...) on the general topic of sustainable development to support our partners in their sustainability efforts.

### Responsibilities

- Conduct projects such as: environmental life cycle analysis, technical-economic analysis, carbon footprint, water footprint, circular economy, eco-design support, literature review, development of data, metrics and bespoke environmental assessment tools, ...
- Modelling and analysing the life cycle of different products and services - focus on energy systems
- Take charge of project management and personalised follow-up of CIRAIG's public and private clients/partners
- Make presentations in a format adapted to the needs of CIRAIG's public and private clients/partners
- Write technical reports for the CIRAIG's public and private clients/partners
- Participate in the intellectual life of the CIRAIG, which benefits from its anchorage in the academic world

### Skills and qualities required:

- Carrying out LCAs
- Carrying out technico-economic analysis
- Knowledge of conventional and emerging energy systems
- Political/diplomatic skills (an asset)
- Strong capacity to adapt, learn and appropriate new topics and issues
- Ability to work independently: organisation, priority management, sense of initiative, ...
- Excellent critical mind
- Excellent ability to synthesise
- Relational and communication skills
- Mastery of the Office suite (particularly Excel; mastery of VBA is an asset)

- Applied knowledge of LCA modelling software (SimaPro, openLCA, GaBi) is an asset
- Applied knowledge of programming (particularly Python) and optimisation is an asset
- Excellent oral and written skills in French and English (presentations and technical reports can be made in both languages)

**Eligibility criteria:**

- Bachelor's or Master's degree (or any postgraduate degree) in engineering and/or environmental science and/or sustainable development
- Minimum of 3 years experience
- Knowledge and experience in environmental life cycle assessment.

**About the CIRAIG**

The International Reference Centre for the Life Cycle of Products, Processes and Services (CIRAIG) is a research group and centre of expertise on sustainable development and life cycle thinking. Through cutting-edge research, expert services, and education, the CIRAIG aims to define and implement sustainability metrics.

The CIRAIG brings together the expertise of two universities in Montreal, Canada: Polytechnique Montreal and ESG-UQAM, and two Swiss universities located on the Energypolis Campus in Sion: HES-SO and EPFL.

Take a look at [www.ciraig.org](http://www.ciraig.org)

**To submit your application**

Please apply with your curriculum vitae and a letter of motivation here: <https://airtable.com/shr7lzlvDYzT4CBCW>

For any questions please contact [info@ciraig.org](mailto:info@ciraig.org)