



2021-IPR-D3-FGIV-017908

**FG IV – SCIENTIFIC OFFICER IN THE FIELD OF  
LIFE CYCLE DATA AND METHODS****POSITION FOR:**

Member of the contract staff FGIV – art. 3b of the Conditions of Employment of Other Servants

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

**WE ARE:**

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

The current vacancy is in the Sustainable Resources Directorate, Land Resources Unit.

As part of the Sustainable Resources Directorate, the Land Resources Unit provides policy support on how to balance competing land use demands whilst securing access to natural resources and maintaining ecosystem services. There is strong collaboration with a range of European Commission services, European Agencies and International Organizations.

**WE PROPOSE:**

The position focuses on the support to the development of the Life Cycle Assessment (LCA)<sup>1</sup> methodology and of life cycle based data, seeking for peculiarities, links and synergies across different products and sectors (such as e.g. batteries, vehicles, energy related products, plastics, agricultural products and processes). This research work is supposed to support several key EU policy initiatives as the Green Claims Initiative<sup>2</sup>, Sustainable Product Initiative<sup>3</sup>, Battery Regulation<sup>4</sup> and Ecodesign<sup>5</sup>.

The envisaged research work will consist of:

- Further development and analysis of life cycle data, also from a format and nomenclature perspective<sup>6</sup>, as well as quality assurance procedures for life cycle data, with a special focus on the support to the activities of the European Life Cycle Data Network<sup>7</sup>.
- Further development and implementation of life cycle impact assessment models and methods
- Support the development of LCA methodology and EU Product and Organisation Environmental Footprint (PEF/OEF)<sup>8</sup> by liaising with different related research teams inside and outside the Commission, organising meetings and stakeholder consultations, supporting policy analysis.
- Support to the development of LCA / PEF-OEF case-study analyses in different sectors.
- Produce scientific publications and policy briefs.

**WE LOOK FOR:**

The candidate should have a committed, well-organized and dynamic personality, open to explore new fields and actively interact with different disciplines. He/she will carry out technical work focused on

<sup>1</sup> <https://eplca.jrc.ec.europa.eu/lifecycleassessment.html>

<sup>2</sup> [https://ec.europa.eu/environment/eussd/smgp/initiative\\_on\\_green\\_claims.htm](https://ec.europa.eu/environment/eussd/smgp/initiative_on_green_claims.htm)

<sup>3</sup> [https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12567-Sustainable-products-initiative\\_en](https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12567-Sustainable-products-initiative_en)

<sup>4</sup> [https://ec.europa.eu/environment/topics/waste-and-recycling/batteries-and-accumulators\\_en](https://ec.europa.eu/environment/topics/waste-and-recycling/batteries-and-accumulators_en)

<sup>5</sup> [https://ec.europa.eu/growth/industry/sustainability/product-policy-and-ecodesign\\_en](https://ec.europa.eu/growth/industry/sustainability/product-policy-and-ecodesign_en)

<sup>6</sup> <https://eplca.jrc.ec.europa.eu/LCDN/developerILCDDDataFormat.xhtml;jsessionid=10236AD5A0D09781216ADC E15CC4D9DE>

<sup>7</sup> <https://eplca.jrc.ec.europa.eu/LCDN/index.xhtml>

<sup>8</sup> <https://eplca.jrc.ec.europa.eu/EnvironmentalFootprint.html>

the development and analysis of life cycle data and related methodologies and will support the life cycle and environmental footprint team in the JRC.

In particular, the ideal candidate should have a PhD in environmental engineering, environmental sciences or related field, with emphasis on LCA and PEF/OEF methodologies, life cycle inventory and data related aspects (or a University degree and 5 years of work experience or additional studies after the university degree) (desirable requirement).

Solid life cycle modelling experience and hands on experience with life cycle databases (and life cycle data related issues) and various LCA software will be essential. Work and research experience concerning various key products and sectors, as those mentioned above, is relevant for this position.

Excellent writing and presentation skills, with good knowledge of spoken and written English (C1) are required. Relevant publications and presentations are seen as essential and should be highlighted.

Assets to be considered are experience in the management of projects, experience in working with environmental datasets, excellent analytical and computer skills, knowledge of relevant EU policies and communication skills.

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Ispra (IT)

**RULES AND ELIGIBILITY:**

To be eligible for the position, the candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

You can be added to an EPSO reserve list if you complete successfully an EPSO selection procedure.

Candidates who are on a valid EPSO reserve list or have applied to an EPSO selection procedure can apply to this specific position through <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**How to apply to an EPSO selection procedure?**

Apply either to the permanent EPSO call (CAST Permanent) [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en) or a specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers>

The CAST Permanent reserve list is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), whereas the specialised reserve list for researchers (JRC Call COM/1/2015/GFIV – Research) is mainly used by the JRC.

**RECRUITMENT POLICY:**

The JRC

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.