



2021-IPR-D3-FGIV-018548

**FG IV - Project 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 implementation of the Life Cycle Assessment (LCA)<sup>1</sup> methodology into EU legislation, and in particular on the development of the EU Product and Organisation Environmental Footprint (PEF/OEF)<sup>2</sup>.

The position will support research on the LCA applied to specific key product and sectors (as e.g. agricultural products, chemical products, batteries, plastics, ), including the development of dedicated life cycle based data & tools. This research work is supposed to support with life cycle assessment based methods several key EU policy initiatives such as the Green Claims Initiative<sup>3</sup>, Sustainable Product Initiative<sup>4</sup>, Farm to Fork<sup>5</sup>, Chemical Strategy<sup>6</sup>, Battery Regulation<sup>7</sup> and Ecodesign<sup>8</sup>.

The envisaged research work will consist of:

- Support to the development of LCA / PEF-OEF case-study analyses in different sectors by: data collection (either directly or indirectly) on processes and organisation; modelling via dedicated software and tools; deriving sensitivity analysis and impacts interpretation (including contributions to impacts assessment documents for policies).
- Liaising with different LCA and PEF/OEF research teams (inside and outside the Commission), organising meetings and stakeholder consultations, chairing expert groups, supporting policy analysis (including the running of specific impacts assessments).
- Further development and implementation of life cycle impact assessment models and methods.
- Further development and analysis of life cycle data, also from a format and nomenclature perspective<sup>9</sup>, as well as quality assurance procedures for life cycle data, with a special focus on the

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

<sup>2</sup> <https://eplca.jrc.ec.europa.eu/EnvironmentalFootprint.html>

<sup>3</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>4</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>5</sup> [https://ec.europa.eu/food/horizontal-topics/farm-fork-strategy\\_en](https://ec.europa.eu/food/horizontal-topics/farm-fork-strategy_en)

<sup>6</sup> [https://ec.europa.eu/environment/strategy/chemicals-strategy\\_it](https://ec.europa.eu/environment/strategy/chemicals-strategy_it)

<sup>7</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>8</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>9</sup> <https://eplca.jrc.ec.europa.eu/LCDN/developer/LCDDDataFormat.xhtml;jsessionid=10236AD5A0D09781216ADC E15CC4D9DE>

<p>support to the activities of the European Life Cycle Data Network<sup>10</sup>.</p> <ul style="list-style-type: none"> <li>• Developing, checking, and reviewing ad-hoc tools for PEF/OEF studies.</li> <li>• Produce scientific publications and policy briefs.</li> </ul>
<p><b>WE LOOK FOR:</b></p> <p>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 the analysis and development of the LCA methodology and case studies, and will support the environmental footprint team in the JRC.</p> <p>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 experience after the university degree).</p> <p>Solid life cycle modelling experience, hands on experience with life cycle databases and life cycle data related issues, and experience with various LCA software and tools are required. Work and research experience concerning various products and sectors, including those mentioned above, is relevant for this position.</p> <p>Excellent writing and presentation skills, with good knowledge of spoken and written English are required. Scientific and technical publications and presentations relevant for the job should be highlighted.</p> <p>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.</p>
<p><b>INDICATIVE CONTRACT'S DURATION:</b></p> <p>36 months initial contract with possible renewals up to maximum 6 years.</p>
<p><b>PLACE OF WORK:</b></p> <p>Ispra (IT)</p>
<p><b>ELIGIBILITY CRITERIA:</b></p> <p>Candidates for this contract agent post shall:</p> <ul style="list-style-type: none"> <li>– (i) have passed a valid EPSO CAST selection procedure;</li> </ul> <p>or</p> <ul style="list-style-type: none"> <li>– (ii) be registered in the EPSO Permanent CAST <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></li> <li>- (iii) be registered in the specialised call for researchers <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers</a> (used mainly by the JRC).</li> </ul> <p>With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <a href="http://recruitment.jrc.ec.europa.eu/?type=AX">http://recruitment.jrc.ec.europa.eu/?type=AX</a>.</p>
<p><b>RECRUITMENT POLICY:</b></p> <p>The JRC</p> <ul style="list-style-type: none"> <li>• Cultivates a workplace based on respect for other people and the environment.</li> <li>• Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.</li> </ul>

<sup>10</sup> <https://eplca.jrc.ec.europa.eu/LCDN/index.xhtml>