



2021-SVQ-B5-FGIV-017412

**FG IV - Project Officers - Scientific Research  
Circular Economy and Industry****POSITION FOR:**

Members of the contract staff IV – 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 vacancies are in the Directorate for Growth and Innovation, Circular Economy and Industrial Leadership Unit (JRC.B.5) of the JRC in Seville.

The Unit provides scientific, technical and economic analysis support to the development and implementation of a broad range of EU environmental policies, including the following areas of expertise:

- **Industrial Emissions** - The unit's [European Integrated Pollution Prevention and Control Bureau \(EIPPCB\)](#) develops the mandatory environmental standards that large industrial plants have to meet under the EU's Industrial Emissions Directive (IED, 2010/75/EU). The technical and scientific evidence underpinning such standards are brought together in the Best Available Techniques reference documents (BREFs) also developed by the EIPPCB in close contact with stakeholders. The successful candidate(s) is(are) expected to take an active role in the drawing up and review of BREFs (the list of BREFs can be found [here](#)).
- **Product Policy** - The unit's [product policy group](#) (Product Bureau) develops criteria for environmentally [better-performing products](#). This includes support for the implementation of the EU's Ecolabel Regulation (EC 66/2010), the EC communication on Green Public Procurement (COM (2008)400), the Ecodesign Directive (2009/125/EC) and the Energy Labelling Regulation (EU 2017/1369). The group also carries out research on several aspects linked to environmental product policy, such as reparability, durability and recyclability of products, and user behaviour aspects. [The Product Bureau](#) develops both the necessary scientific and research basis and a broad evidence base that feeds into the different policy instruments.
- **Circular Economy and Waste Management** - The unit supports the development of [EU regulatory measures on waste management and recycling](#) to facilitate a transition to a circular economy. It works on safety and quality criteria for secondary materials (including end-of-waste and by-products criteria), requirements on recyclability and recycled content, harmonised rules for the separate collection of waste, the definition of high-quality recycling, and recycling targets. The team also produces reference information on resource efficiency. It applies strong competencies in sustainability impact assessment.
- **Sustainable Finance Taxonomy** - The unit plays a central role in elaborating the technical screening criteria of the ["EU sustainable finance taxonomy"](#), a classification of environmentally sustainable economic activities for investment purposes. For a range of specific economic activities across various sectors, the taxonomy provides technical screening criteria (metrics and thresholds) defining substantial contribution to an environmental objective and ensuring no significant harm to all the other objectives.
- **Applied Environmental Economics** - The team provides economic analysis in support of new and revised EU legislation in the policy fields of circular economy and environment. In particular, it analyses the need for regulatory intervention, identifies applicable policy measures and instruments (e.g. standards, subsidies, tradable quotas), and assesses the likely socio-economic impacts associated

with each one. The team employs numerical modelling, econometrics, and microeconomic analysis.

**WE PROPOSE:**

We propose challenging and rewarding posts as scientific project officers to carry out and coordinate research, analysis and/or impact assessments on environmentally oriented legislation, in one or more of the unit's areas of expertise.

The jobholders' main responsibilities will be as follows:

- To carry out and supervise, including drafting, environmental and techno-economic research studies and policy documents, in support of EU environmental policies.
- To gather, validate, process and synthesise technical information on the environmental performance of specific processes and economic activities. To identify areas of apparent conflict, and seek information to clarify and find consensus on technical disputes.
- To steer and guide the technical discussion/exchange of information with stakeholders and technical working groups, necessary for the completion of the studies, including the organisation, coordination, preparation of working documents, and execution of large stakeholder group meetings and consultations.
- To discuss and communicate the progress of research studies with the JRC and other European Commission colleagues, and interested experts from EU institutions, and Member States.
- To reach out and involve international scientific networks in order to contribute with a sound scientific basis to the decision-making process.
- To communicate scientific results in line the EC/JRC rules according to the unit's quality rules, including publishing research in peer-reviewed journals and other professional publications including EU policy and technical publications. To present the work of the unit in the European and international scientific community, collaborate in scientific and policy symposia, workshops and conferences, provide presentations to international audience and key events.
- To assist the Head of Unit, and the unit colleagues in co-ordination and liaison duties, in particular providing policy support. To collaborate in the preparation of briefings, written consultations, responses to requests, presentations, and policy notes, and the drafting and maintenance of processes. To participate actively in the exchange of information within the unit and with external partners.

Moreover, depending on the main team/area of expertise where s/he will contribute, specific tasks will include, for example:

- drafting impact assessments;
- drafting Best Available Techniques reference documents (BREFs);
- drafting science for policy reports in the fields of waste management and circular economy, product policy, taxonomy, etc.;
- Assembling and analysing statistical/econometric data.

The candidate will be part of a team, but must have a high degree of self-organisation and will perform most tasks independently. Internet collaborative tools are provided, and are used extensively.

**WE LOOK FOR:**

The Unit is currently looking for 7 professionals to contribute to one or more of the Unit's areas of expertise.

Candidates must have completed a PhD, or have 3 years' professional experience in the field of environmental analysis and techno-economic evaluation.

Thorough knowledge of spoken and written English (C1), including the ability to write technical and/or policy reports is also required.

In addition the ideal candidate shall:

- Have proven experience in research, good knowledge of methods for environmental analysis and

- techno-economic evaluation, environmental policy, or pollution abatement techniques;
- Be able to assess and process large amounts of technical and/or economic data and information;
  - Be able to actively engage with stakeholders in large international meetings/workshops, exchange data and information with them, and lead expert discussions and meetings;
  - Be able to communicate highly technical matters to specialists and non-specialists as well as to negotiate with high-level representatives;
  - Have an open-minded, positive and proactive attitude;
  - Be self-motivated and organised, resilient when working with tight deadlines, and be a strong team player.

**Moreover, the candidate shall clearly indicate her/his experience within one or more of the areas of expertise of the unit listed below. Such specific experience and/or knowledge will be evaluated.**

#### **Industrial Emissions**

- Industrial, chemical and/or process engineering, environmental issues and regulation of industry and of environmental policy in the EU.
- IED/IPPC Directives and the concepts contained therein.

#### **Product Policy**

- Environmental impacts assessment related to consumer products, with a view to their whole life cycle and market analysis.
- Environmental product policies at EU level (ecolabel, codesign, energy labelling, green public procurement).

#### **Circular Economy and Waste Management**

- Development or use of sustainability impact assessment models or life cycle assessment (LCA) methods.
- Waste management, the recovery of secondary raw materials and their related economic, environmental and health issues.

#### **Sustainable Finance Taxonomy**

- Assessment of the environmental performance of economic activities (or organisations, products, industrial processes).
- Application of life cycle considerations to the assessment of the environmental impacts of economic activities.
- Environmental sustainability in at least one of the following sectors: manufacturing, energy, transport, buildings, agriculture, forestry, water, waste, ICT, research.
- Finance, in particular, sustainable finance.

#### **Applied Environmental Economics**

- Economics of regulation and policy instruments (public economics), ideally in the fields of environmental, resource and/or energy economics.
- Statistical and econometric data analysis (with state-of-the-art tools), and develop numerical models for carrying out cost-benefit analysis of policy options.

**The candidate shall indicate in their application their preference to work in one or more of the areas of expertise of the unit listed above.**

#### **INDICATIVE CONTRACT'S DURATION:**

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

#### **PLACE OF WORK:**

Seville (ES)

**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.