



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-PTT-C7-FGIV-017328

## FG IV - Project officer - Materials and supply chains for clean energy technologies

### POSITION FOR:

Member of contract staff FG 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 European Commission, the mission of the 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 ‘Knowledge for the Energy Union’ Unit of Directorate C – Energy, Transport & Climate. Our mission is to support the delivery of the European Green Deal and the transition to a climate-neutral economy with scientific evidence, through the mapping and analysis of relevant knowledge and data, the generation of new evidence, the anticipation of evolving trends and effective communication.

Our staff (about 50) is mainly based in Petten (NL). A bus service connects our offices to the cities of Alkmaar and Amsterdam on a daily basis. Children of employees can attend the [European School in Bergen](#). More information about the benefits of working for the European Commission can be found here: [https://epso.europa.eu/help/faq/contract-agents\\_en](https://epso.europa.eu/help/faq/contract-agents_en)

### WE PROPOSE:

We offer a dynamic position in an international organisation. You will be working at the interface between science and policy, contributing to industrial and energy policies with scientific analysis. Your work will be to lead the project and actively participate in the execution of the activities of the team, which address the complete supply chains of clean energy, transport and industrial technologies. Your work will focus on the estimation of demand of key enabling raw and processed materials used in the energy and transport sectors; the manufacture of energy and transport technologies; and on their global competitiveness and the economics of sustainability. In this position you will be interacting with EU policymakers and stakeholders from European industry and academia. The position offers opportunities for continuous professional development, training and participation in international conferences and policy-relevant forums.

#### The position:

As Project Officer in materials and supply chains for clean energy technologies you will support the Commission policy making, underpinning the industrial and the Energy Union policies.

Examples of work include:

- the estimation of potential shortages of availability of raw and processed materials needed by clean energy, transport and industrial sectors in their transition to decarbonisation;
- the identification of critical issues along their supply chains that could affect the large scale commercialisation of clean energy solutions;
- the tracking of market and industrial development

You are expected to:

- lead the project and actively participate in the execution of its work as a specialist, providing scientific evidence for policy considerations about supply chains and advanced materials for the clean energy sector, covering technology development, manufacturing, and applications (markets);
- build and maintain datasets using public and proprietary, as it may be necessary, data sources and models to expand our understanding and substantiate our assessments;
- map supply chains and develop forecasts for material demand and substitution, considering the performance, cost, and environmental impact of 'green' materials and manufacturing processes;
- effectively communicate findings by authoring and publishing research reports and datasets, knowledge factsheets, policy support briefs;
- present project research at policy forums and scientific conferences.

Past research carried by the team includes:

- the identification of raw material supply bottlenecks for the large scale deployment of clean energy technologies to meet the climate neutrality targets of the European Union
- Foresight studies about the role of critical raw materials for strategic technologies and sectors in the EU
- In-depth analysis about the current and future use of specific materials in clean energy technologies

The work of this position will be carried out as part of a diverse team of highly motivated colleagues with experience in materials and clean energy technologies.

You will work closely with other teams in the Unit, for instance responding to requests to support clean energy research and innovation, competitiveness and industrial policies.

Typical outputs from our team are JRC reports and briefs, conference proceedings, and occasionally scientific journal papers.

## **WE LOOK FOR:**

### **Profile:**

You should apply for this position if you are passionate about working at the forefront of science and EU energy and industrial policies, have a solid scientific background on materials and/or supply chains, some experience in managing small teams of researchers and a strong interest in energy issues.

This position can be very fulfilling, and in order to be successful in this role you should:

- Have experience in the materials industry; either design and processing, or manufacturing
- Have knowledge of the energy industry
- Have experience conducting supply chain analyses
- Be a good and proactive communicator: you should be able to speak and write clearly in English and to interact with different stakeholders.
- Be a self-starter: you can take initiative, being able to work with little supervision.
- Be a team player: our main results often incorporate inputs from many colleagues. It is important in this position to be able to work in a team, to be open minded and to listen to other people's contributions.

- Be analytical and have very good quantitative skills: you can collect and analyse information, make sense of large amounts of data and make decisions or recommendations based on solid analysis.
- Have experience in managing small teams

**Qualifications and competences:**

- Candidates should have an advanced degree in relevant scientific/engineering fields and a minimum of 2 years' relevant professional experience.
- Very good oral (B2) and writing skills (C1) in English, and the ability to produce concise overviews based on large volumes of diverse and often incomplete data, are essential. Your application should be supported by a publications/reports list.
- Prior experience in managing small teams.

**INDICATIVE CONTRACT DURATION:**

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

**PLACE OF WORK:**

Petten (NL)

**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 an EPSO selection procedure successfully.

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

You can take the EPSO test after applying to this position.

Information about the selection procedure and indicative salaries can be found at:

[https://epso.europa.eu/help/faq/contract-agents\\_en](https://epso.europa.eu/help/faq/contract-agents_en)

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

Apply 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 the minority.