As the science and knowledge service of the Commission, the DG Joint Research Centre supports 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 vacancy is within the 'Knowledge for the Energy Union' Unit of Directorate C - Energy, Transport & Climate. The Unit has the mission to support the European Green Deal and the transition to a climate-neutral economy through the mapping and analysis of relevant knowledge and data, the generation of new evidence, the anticipation of evolving trends and their effective communication. Our staff (about 50) is mainly based in Petten (NL).

As a member of the “Materials & Manufacturing for Energy Technologies” Group of the Unit, the successful candidate will:

- Analyse value chains for low-carbon energy technologies, with the aim to describe the strengths and weaknesses of the European energy industry and identify opportunities and bottlenecks for European industrial development in the context of the transition to climate neutrality. The activities will focus on the analysis of supply and demand for raw and most importantly, processed materials as well as the global opportunities and threats of the European energy-technology component-manufacturing and technology-development industry.

- Map low-carbon energy-technology value chains through the collection, validation and consolidation of data; and contribute to the development of in-house databases. Communicate results through presentations in events, publications of reports based on evidence-based assessments, drafting of policy briefings, and inputs to infographics, web content or less formal communications.

- Provide support to policy-making process on cross-cutting issues linked to value chains, in the frame of the
European industrial strategy and the European Green Deal.

**Qualifications:**

Background in Mechanical Engineering, Materials Engineering, Industrial Management, Energy Engineering, Trade & Economics, or similar subjects. Experience with low-carbon technologies (e.g. renewables or clean transport) and their industrial manufacturing are essential. Experience in value chain analysis will be an advantage.

We look for a person with a strong interest, and cross-cutting, broad knowledge of energy issues, who is able to research, evaluate, validate and compile information across a number of sources and to write, and present comparative results in a succinct and accessible format.

Very good command of English (B2), and good writing skills (C1) are essential. Established analytical ability and familiarity with data analysis tools and methodologies are also essential.

The ideal candidate would have a good aptitude in taking initiative and developing new concepts, and the ability to identify gaps in knowledge and evidence for policy.

<table>
<thead>
<tr>
<th>Institute/Directorate Unit</th>
<th>Directorate C - Energy, Transport &amp; Climate Knowledge for Energy Union Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicative duration</td>
<td>36 months initial contract with possible renewals up to maximum 6 years</td>
</tr>
<tr>
<td>JRC Site Country</td>
<td>Petten</td>
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<td></td>
<td>Netherlands</td>
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</tbody>
</table>

**Rules and eligibility**

The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.

You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.

1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. [https://epso.europa.eu/documents/2240_en](https://epso.europa.eu/documents/2240_en)

(Only for GFIV – Researchers/Scientific profiles):

2. JRC Call COM/1/2015/GFIV – Research: open-ended
selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers

Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX

**Auxiliary contract staff:**

Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.

Please note that in case a high number of applications is received only shortlisted candidates will be contacted.