FG IV – Project Officer – Expert in data science for natural gas and electricity systems and markets

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/](https://ec.europa.eu/jrc/)

This vacancy is within the Energy Security, Distribution and Markets Unit of Directorate C - Energy, Transport & Climate, with a mission of providing scientific and technical support to the Energy Union, in particular to its two first dimensions: 1) energy security, solidarity and trust, and 2) a fully integrated energy market. Our staff (about 50) is split across Petten (NL) and Ispra (IT) sites.

The successful candidate will:

- search for and collect data concerning gas and electricity demand and prices in the EU and other international markets and hubs,
- model the evolution of gas and electricity demand and prices and their interactions with relevant factors inside and outside the EU,
- contribute to related research projects under development in our Unit concerning energy security and energy markets, with an emphasis on the case of natural gas.

Qualifications:

The ideal candidate should have a degree in a relevant scientific area or in engineering or economics, together with a minimum of 3 years of research experience or a Ph.D.

A good either statistical or econometrics background is essential. Experience in one or more of the following fields is highly desirable: application of data science to energy systems or markets, modelling of energy networks and programming.

S/he should be able to work in a multi-disciplinary team of experts and have good communication skills with experts and non-experts.

This position offers a number of varied and interesting tasks in a friendly, multi-disciplinary and well integrated team to a motivated, flexible and reliable colleague.

Very good command of English (B2 level minimum) is essential.

| Directorate Unit | Directorate C Energy Transport and Climate
<p>| Unit C.3 Energy Security, Distribution and Markets |</p>
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<th><strong>Indicative duration</strong></th>
<th>36 months initial contract with possible renewals up to maximum 6 years</th>
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<tbody>
<tr>
<td><strong>JRC Site</strong></td>
<td>PETTEN</td>
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<tr>
<td><strong>Country</strong></td>
<td>the Netherlands</td>
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<td><strong>Rules and eligibility</strong></td>
<td>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff. Applicants to the following Calls for expression of interest can also be considered: 1. CAST Permanent - EPSO has launched in January 2017 an 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. Details available at the link below: <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a> 2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: <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> <strong>Auxiliary contract staff:</strong> <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a> Please note that due to the high number of applications received only shortlisted candidates will be contacted.</td>
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