



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-PTT-C7-FGIV-019428

FG IV - Project officer – Spatial Analyst Energy Transition

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 convenient bus service connects our offices to the cities of Alkmaar and Amsterdam. Children of employees can attend the [European School in Bergen](#).

More information about CAST Permanent and contract agents in the European Institutions is available in this FAQ EPSO page [Contract agents | Careers with the European Union \(europa.eu\)](#).

WE PROPOSE:

We offer a dynamic position in an international organisation. You will be working at the interface between science and policy, contributing to energy policies with scientific analysis.

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 you will support the Commission policy making, underpinning the decarbonisation of our society. You will be part of our *Energy and Industry Geography Lab* team, the unit's spatial data hub that supports the long-term transformation of our society towards carbon neutrality with analysis using geospatial data.

You are expected to:

- carry out research and manage existing knowledge on the current and future energy system;
- assess future energy infrastructure needs of the society;
- assess the resilience of energy and industrial supply chains through the mapping of their segments;
- analyse the spatial relationship between energy demand and energy supply and the competition for clean energy sources;

- perform spatial and regional analyses for different energy end uses (e.g. electricity, mobility, heat) with a focus on (i) vulnerable groups of the society, and, (ii) the energy intensive industry;
- build and maintain the datasets of the Energy and Industry Geography Lab using public and proprietary data sources and models to expand our understanding and substantiate our assessments;
- expand and maintain our network of stakeholders within and beyond the Commission, and interact closely with other Commission Services;
- 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.

The work of this position will be carried out as part of a diverse team of highly motivated colleagues with experience in GIS, the energy system, materials, supply chains and clean energy and industrial technologies.

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

Typical outputs from our team are JRC reports and briefs, conference proceedings, and where appropriate 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 policies, have a solid scientific background on the energy system, some knowledge about clean energy and energy technologies and a strong interest in the transition to climate neutrality.

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

- 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.
- 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, be open minded and listen to other people's contributions.

Qualifications and competences:

- Candidates should have an advanced degree in relevant scientific/engineering fields and a minimum of 3 years' relevant professional experience. Alternatively a doctoral diploma with related research experience in the scientific/engineering field.
- Very good oral (B2 level) and writing skills (C1 level) 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.
- Good knowledge of GIS (e.g. ArcGIS Pro, QGIS), spatial analysis and data management skills would be an advantage.

INDICATIVE CONTRACT DURATION:

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

PLACE OF WORK:

Petten (NL)

ELIGIBILITY CRITERIA:

Candidates for this contract agent post shall:

- (i) have passed a valid EPSO CAST selection procedure; or
- (ii) be registered in the EPSO Permanent CAST https://epso.europa.eu/documents/2240_en or
- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers> (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

RECRUITMENT POLICY:

The Joint Research Centre

- 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.