



VACANCY NOTICE – 2023-PTT-C7-FGIV-022618

Project officer – GIS Specialist

Type of contract	Member of the European Commission's contract staff, Function Group IV (article 3b of the Conditions of Employment of Other Servants)
Duration of contract	36 months (renewable up to maximum 6 years)
Area	<i>Spatial data and GIS analysis for the energy transition. Management of the Energy and Industry Geography Lab of the European Commission, a GIS platform found here: https://ec.europa.eu/energy-industry-geography-lab</i>
Place of employment	Petten (NL)
Indicative basic salary	3877,47 - 5616,29 € (applicable as of 1st of July 2022) For more detailed information please consult: Working Conditions .

WE ARE

The [Joint Research Centre \(JRC\)](#) provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

The current vacancy is with the Energy Transition Insights for Policy Unit of the Directorate for Energy, Mobility and Climate. Our mission is to carry out energy research and analysis, making sense of trends, data and scientific evidence to support a just, competitive and resilient transition to a climate-neutral EU, focusing on innovation & competitiveness, the decarbonisation of industry and heating & cooling, supply chains, infrastructure planning, renewables integration and social aspects of the energy transition.

Our staff (about 45) is mainly based in Petten (NL) at the [energy and health campus](#). 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 are looking for a GIS specialist for our Energy and Industry Geography Lab (EIGL) team. The EIGL, a spatial data hub that brings together a wealth of energy-related data in an easy-to-use, map-based interface, supports the development of Europe's future energy and industrial infrastructure to meet our ambition for a climate-neutral society by 2050. You will be working at the forefront of science to shape the EU's energy and industrial policies.



We offer a dynamic position in an international organisation with a competitive salary and benefits. You will be working at the interface between science and policy, contributing to the design and development of energy and industrial policies with scientific analysis, working in close partnership with other teams within our unit, industrial experts and policymakers.

The position offers opportunities for continuous professional development, training and participation in international conferences and policy-relevant forums.

WE PROPOSE

You will be part of the *Energy and Industry Geography Lab* team, supporting European Commission policymaking for the decarbonisation of our society, with a focus on energy and industry. Our team's recent achievements include the identification of non-environmentally sensitive areas ideally suited to renewable energy projects; the disaggregation of the energy demand of European industry and households to a 1 km x 1 km spatial resolution; and the mapping of energy-intensive industrial facilities next to potential CO₂ storage locations.

The jobholder will:

- manage the ICT infrastructure of the Energy and Industry Geography Lab, including maintenance of the front and back end, and be responsible for its continuous improvement
- contribute to data updates and the inclusion of new datasets into the EIGL
- perform spatial and regional analyses of future infrastructure needs and bottlenecks
- assess the spatial relationship between energy demand and supply and the market for clean energy sources (such as renewable power and hydrogen);

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

WE LOOK FOR

We are looking for a researcher with specialist knowledge of GIS (e.g. ArcGIS Pro or QGIS). Candidates should have experience with the ArcGIS Enterprise suite and spatial analysis. A background or competence in economics or energy planning/modelling is an advantage.

The ideal candidate 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 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.



- Possess a high level of organisational skills: you should be familiar with (GIS) metadata standards and willing to deal with the system documentation in a thorough way.

Qualifications and competences:

- Candidates should have an advanced degree in a relevant scientific/engineering/economics field and a minimum of 2 years' relevant professional experience
- Have very good oral (B2 level) and writing (C1 level) skills in English

HOW TO APPLY

If you are **already on a valid CAST FG IV reserve list**, or you **have already applied to one of the calls below**, you can directly submit your application at <http://recruitment.jrc.ec.europa.eu/?type=AX>.

If not, before applying to this position, **you must register** for one of the two following:

- the [Call for Expressions of Interest | EU Careers \(europa.eu\)](#) (CAST Permanent FG IV), which is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), or
- the [specialised call for researchers](#) (JRC Call COM/1/2015/GFIV – Research), which is mainly used by the JRC.

Note that each of the calls above has **different minimum eligibility requirements and different selection tests**.

The JRC cultivates a workplace based on respect for other people and the environment, and embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.