



VACANCY NOTICE – 2023-SVQ-B5-FGIV-022428

FGIV - Project Officer - Scientific Research– Green Economic Complexity

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	Economic Complexity
Place of employment	Seville (ES)
Indicative basic salary	3877,47 - 5616,29 € (applicable as of 1 st 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 in Directorate B (Fair and Sustainable Economy), in unit B5 – Circular Economy and Sustainable Industry of the JRC in Seville, Spain. The Unit provides techno-economic analysis to support EU policies in the area of circular economy, environmental product policies, industrial emissions, waste and the EU Taxonomy.

The open position is in the Applied Environmental Economics team of the Unit. This team provides economic analysis in all policy areas covered by the Unit. In particular, it assesses the need for regulatory intervention, compares possible policy options, and analyses the likely socio-economic impacts of the different options. It also studies the general interaction between green policies, technological innovation and industrial competitiveness. Methodologically, it uses data analysis, econometrics, numerical modelling, and microeconomic analysis

We offer:

The JRC offers a unique opportunity to support EU policies, in a vibrant and multidisciplinary work environment. It is the aim of this position to develop innovative research by combining the latest scientific insights with data uniquely available in the JRC. Exchanges with the research community and conference presentations are encouraged.

WE PROPOSE

We have a vacancy as *Project Officer – Scientific Research - Green Economic Complexity* - that applies recent insights from complex system, big data, and applied network theory to policy analysis, in particular in the fields of economic and environmental policy, green



innovation, industrial competitiveness, and international trade. S/he will carry out microdata and model-based studies, with the aim of identifying policy relevant implications.

The jobholders' main responsibilities will be as follows:

- To carry out, draft, and coordinate research studies and policy documents in support of the EU transition to a green and circular economy, which involves conceptual work, data gathering and assembly, preparation and use of state-of-the-art data analysis tools (e.g. coding and use of machine learning and AI algorithms), as well as the drafting of longer texts;
- Analysis and synthesis of results and preparation of scientific reports for policy makers and journal articles under the supervision of a scientific officer;
- To present and discuss the results of research studies with JRC and other European Commission colleagues, interested experts from EU institutions and Member States, as well as with the wider scientific community (e.g., in scientific and policy conferences);
- To participate in institutional and complementary projects, involving different research institutions;
- To publish scientific results in line with the EC/JRC rules, including in peer-reviewed journals and other professional publications like EU policy and technical reports;
- To assist in the organisation of conferences and workshops and write scientific publications.

The candidate will be part of a team, but must have a high degree of self-organisation and will perform most tasks independently. Internet collaborative tools are provided, and are used extensively.

WE LOOK FOR

Essential

The candidate must have completed a PhD, or have 3 years of equivalent professional experience, in the field of economic complexity and applied network theory, after university studies of at least 4 years.

Thorough knowledge of spoken and written English (equivalent to high-level C1), including the ability to write technical and/or policy reports.

Highly desirable:

- Proven experience in research, and good knowledge of quantitative methods
- Ability to setup and use modern data analysis tools based on machine-learning and AI
- International experience;
- Be self-motivated and organised, resilient when working with tight deadlines, and be a team player.

Desirable:

Specific experience in complexity and network analysis:



- Economic complexity analysis, ideally in the field of environmental policy, green innovation or sustainability.
- Statistical/ numerical (big) data analysis with state-of-the-art tools of micro data from the field of economics, innovation or research.

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.