



EUROPEAN COMMISSION

DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate B - Resources
Recruitment and Training

2019-SVQ-B3-FGIV-012248

FG IV - Scientific / Techno-Economic Analyst - Industrial Innovation

Position for:

FG IV - Scientific / Techno- Economic Analyst

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/>

The Territorial Development Unit of the JRC has a vacancy for a Contractual Agent. The position is part of the Unit's Industrial Technological & Innovation Challenges for Industry 2030 (TIC-2030) team of around ten scientists. TIC-2030 provides empirical evidence on the innovation and economic performance of key innovative industries in order to support EU research and industrial policies. The TIC-2030 team produces the annual EU Industrial R&D Investment Scoreboards, which analyse private R&D based on the audited annual accounts of companies, and conducts complementary analyses on corporate R&D and innovation as well as their economic impact and trends.

Recently, the work of the team has been extended towards non-traditional analyses, such as economic complexity, and towards aspects related to sustainability and the contribution of businesses to the achievement of Agenda 2030's Sustainable Development Goals (SDGs).

An important work-strand of the team is the characterisation of companies at the micro-data level using e.g. patent and other data (see also <http://iri.jrc.ec.europa.eu/documents/10180/12268/JRC-OECD-WorldCorporateTopRDInvestors.pdf>) to address current policy challenges.

The objective is to contribute to the policy support and scientific research of the team under supervision of the project leader/scientific officer. This includes an active role in fostering relevant output for the TIC-2030 stakeholders, i.e. the project customer, policymakers, industrialists and the scientific community.

The candidate should produce original research and analyses for the JRC at the science-policy-industry nexus. (S)he should have high proficiency in compiling data, conducting analyses and surveys, and

writing concise reports. Given that the TIC-2030 team uses a wide range of internal and external datasources, the following data-related capacities are important:

- Compile, merge, process, structure and maintain data from various sources and prepare them for decision-making.
- Conceive data structures and integrate/merge databases in order to fulfil research needs.
- Analyse and assess relevant data and information in order to support policy-making on industrial research and innovation.
- Proficient use of programming languages aimed to scientific statistical analysis and data visualization, e.g. STATA, Python or R.
- Proficient use of micro-data allowing the techno-economic characterisation of companies, eg. commercial and patent databases such as Orbis and Patstat/USPTO.

Also, the candidate should take an active role among the TIC-2030 stakeholders and the scientific community by:

- Organising workshops, preparing seminars and surveys, animating international scientific networks and managing experts groups.
- Writing and publishing policy briefs, scientific/methodological reports and articles.
- Exchanging information with the European Commission services and EUROSTAT, as well as with national statistical offices and other relevant bodies (including international organizations, such as OECD and UN).
- Following-up trends and developments in the area of Research and Innovation Policy and of other policies related to Industrial Research in the European Union, in particular Industrial Policy, and relevant linkages to Agenda 2030.

The candidate should also initiate and manage smaller contracts with experts and external organisations, including project and financial documentation.

Qualifications

The candidate should have demonstrated experience in the above capacities and solid use of analytical tools. (S)he should have thorough and up-to-date knowledge of the field and proven ability to provide

	<p>consultancy and policy advice based on statistical and economic analyses.</p> <p>Experience in qualitative and quantitative analysis (mostly based on micro-data) for policy evaluation (ex-ante, intermediate and ex-post) in the areas of science and technology, innovation and industrial policy (including the sustainability dimension) would be an asset. Ideally this should be related to the techno-economic characterisation of companies via patent and other relevant micro-data (e.g. trademark or design or specific datasets) in order to address current policy issues, such as the uptake and diffusion of (e.g. environmental) technologies, and the competitive position regarding critical technological trends (e.g. ICT or sustainable mobility).</p> <p>The candidate should be highly motivated and able to work in a team.</p> <p>The candidate should have a PhD or 5 years of research experience, after university studies of at least 3 years attested by a diploma.</p> <p>The candidate must have a very good level of written and spoken English (C1).</p>
Directorate Unit	<p>JRC B Growth & Innovation B.3 Territorial Development Technological & Innovation Challenges for Industry 2030 (TIC-2030)</p> <p>Further information: https://ec.europa.eu/jrc/en/research-topic/industrial-research-and-innovation</p>
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	Seville Spain
Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <ol style="list-style-type: none"> 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 2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from

	<p>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</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>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.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>
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