2020-IPR-E7-FGIV-014748	**FG IV - Knowledge Management Officer - EU Technological Sovereignty**

Position for:

FGIV – Knowledge Management Officer

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 current vacancy is with the Knowledge for Security and Migration Unit, of the Space, Security and Migration Directorate. The mission of the Unit is to support EU policies for security, space and migration by mapping, collating, and analysing state-of-the-art scientific knowledge, methods, and tools for the respective policy areas. Anticipating relevant trends and needs through foresight, identifying knowledge gaps, indicating potential synergies across research funds and investments, and co-designing R&D roadmaps are all parts of Unit work.

Starting in 2019, the Unit embarked on work in EU strategic sovereignty to address new Commission priorities. Recent work includes the analysis of critical dependencies in the European Global Navigation Satellite System industrial supply chains and a study on EU strategic autonomy in 5G. In the course of 2020, the Unit is planning to coordinate work to piece together as comprehensively as possible scientific evidence and analyses across existing JRC work strands to assess critical dependencies in supply/value chains for selected strategic domains. JRC will do this within the scope of the framework for the screening of foreign direct investment (FDI) inflows into the EU and in consultation with relevant policy DGs.

The specific job involves in-depth analysis of digital technology supply chains in the EU. The objective is to identify specific dependencies across the supply chains for a number of key technologies (e.g. AI, robotics, industrial automation, next generation internet, 6G, edge computing, quantum, cybersecurity etc.) and assess their impact and risk for selected application domains (e.g. telecommunications, transport, energy, health, industry 4.0, government etc.).

The job includes collecting data and developing indicators to identify EU strengths and weaknesses and monitor progress towards technological sovereignty. It involves understanding the technologies, the vertical domains, and their dependencies, the role of technologies in critical infrastructures, the status and trends for R&D, innovation, markets and key players in the EU and globally, consulting strategies, drawing on foresight work, analysing value chains, doing supply chain risk

	management work. It also involves exploiting official statistics and various open source information, liaising with internal and external experts and stakeholders, and drafting reports. The successful candidate will be part of a small multidisciplinary team of senior scientists and engineers.
	Outputs of the work will take the form of technical reports, communication with relevant Commission departments, experts and stakeholders, workshops or seminars, including ad hoc research services on relevant topics.
	Qualifications:
	University degree (at least master's level) in engineering, applied economics, industrial production, business administration, or other relevant technological discipline (e.g. operations research). Work experience of at least 3 years in relevant techno-economic analyses for the private or public sector (e.g. hi-tech industrial sector, critical infrastructures, R&D and innovation, work in the space, security or defence industries etc.). Previous research or experience in supply chain risk management and/or techno-economic analyses for ICT industries, are an asset. Knowledge of EU industrial policies is useful.
	Very good writing and communication skills in English (at least C1 level), hands-on analytical skills such as with statistical and data visualisation tools, the capacity to work autonomously and proactively, the ability to manage relationships with stakeholders and partners both inside and outside the EU institutions, are all necessary. Flexibility and capacity to work under time pressure are indispensable.
Directorate **Unit**	Space, Security and Migration Knowledge for Security and Migration Further information:
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site **Country**	Ispra Italy
Rules and eligibility	The candidate must be on a valid EPSO reserve list for Function Group IV contract staff. If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps. You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers. 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 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
	Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX
	Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members
	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.
	Please note that in case a high number of applications is received only shortlisted candidates will be contacted.