2022-IPR-E6-FGIV-020053	FG IV – Project Officer – Data Science for Demography and Migration

POSITION FOR:
Member of the contract staff FGIV – 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 Commission, the mission of DG Joint Research Centre (JRC) 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 Commission's Knowledge Centre on Migration and Demography (KCMD) is steered by the JRC, DG HOME, and eight other Commission services. It is tasked with providing high quality scientific evidence for EU policy makers on migration and demographic change in Europe and globally, addressing both short and mid-to-longer term policy needs.

The Unit's day-to-day work involves mapping and structuring existing knowledge on demography and migration, addressing key knowledge gaps through its own research, extending the knowledge through networking with external partners, disseminating its findings to policy makers. Its activity areas cover foresight and anticipation of demographic trends for the EU and at global level, at several geographical level of analysis (spatial, regional, national), the external dimension of migration, and processing data on migration and demography from traditional statistics and innovative data sources.

WE PROPOSE:
In this context, we are looking for a dynamic and highly motivated colleague with an appropriate background to contribute to pan-European research studies linked to migration and demography.

The candidate should demonstrate a keen interest to address complex policy questions by providing scientific evidence to EU policymakers.

The successful candidate, as a member of a team of researchers and analysts, will be requested to contribute to the following activities:
- Provision of analytical support to drive policy and operational decision-making within the European Commission.
- Development and implementation of qualitative and quantitative research studies, evaluations, impact assessments and monitoring activities.
- Contribute to the development of the Unit's data tools, including the Atlas of Demography and the Atlas of Migration.
- Identification of gaps in the availability of international migration and demographic data and statistics.
- Exploring the potential of data innovation approaches and development of methodologies to monitor migration and demography trends based on innovative data to address existing gaps.

Drawing on solid quantitative background, combined with excellent writing skills, the candidate will consolidate and further develop the JRC positioning on migration and demographic data for policy.

WE LOOK FOR:
Essential qualifications and skills:
- A postgraduate degree in computer science, data science, applied mathematics, statistics, economics, population studies, social science or equivalent degree relevant for this job

profile.
- Knowledge of qualitative and/or quantitative research methodologies and their application.
- Prior professional experience in jobs requiring strong analytical skills, the interpretation of data and presentation of results, recommendations and conclusions.
- Excellent written and spoken English (C2 level minimum) and experience in advanced report writing in English.
- Flexibility, openness and collaborative attitude.
- Ability to work both autonomously and in a team, result orientation, resilience to work under pressure.

The following will be considered as additional assets:
- Academic or professional experience on machine learning techniques;
- Strong data and statistical programming skills e.g. Python, R or other tools used for data manipulation and analysis.
- Academic or professional experience with data visualisation tools and techniques.
- Demonstrated professional experience in the development of data tools.
- Experience on the design of interactive dashboards and storytelling visualisations.
- Demonstrated professional experience linked to migration and/or demographic analysis.
- Demonstrated experience in working with policy makers.

INDICATIVE CONTRACT'S DURATION:
36 months initial contract with possible renewals up to maximum 6 years.

PLACE OF WORK:
Ispra (IT)

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.