



## VACANCY NOTICE – 2023-SVQ-T1-FGIV-022529

### Policy Officer - Scientific - Artificial intelligence and innovative public services

<b>Type of contract</b>	Member of the European Commission's contract staff, Function Group IV (Article 3b of the <a href="#">Conditions of Employment of Other Servants</a> )
<b>Duration of contract</b>	36 months (renewable up to maximum 6 years)
<b>Area</b>	Trustworthy AI for a Fair and Democratic Europe
<b>Place of employment</b>	Seville (ES) <sup>1</sup>
<b>Indicative basic salary</b>	3,877.47 € - 5,616.29 € (applicable as of 1 <sup>st</sup> of July 2022) For more detailed information please consult: <a href="#">Working conditions</a>

### **WE ARE**

The [Joint Research Centre \(JRC\)](#) is the science and knowledge service of the European Commission: our mission is to provide independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

The current vacancy is in the **Digital Economy Unit** of the **Directorate for Digital Transformation and Data**. The unit studies the current and emerging facets of digital transformation and its impacts on the European economy, society and environment, in support of EU digital policies. In particular, the unit provides techno-socio-economic research on the impacts and strategic role of digital technologies, data and digital platforms for the economy and society, as well as on digital skills and digital education, and the modernisation of the public sector.

The position will contribute to the INNPULSE (Innovation of Public Services and Digital Transformation of Governance) project. The project contributes to the JRC's work on socio-economic impact of current and emerging facets of the digital transformation. It analyses the impact and strategic role of digital technologies, data and digital platforms for the modernisation of the public sector and on public governance paradigms, including a focus on how it can contribute to the European economic recovery and resilience. For this research, the team employs a unique combination of interdisciplinary scientific expertise on digital technologies (including technical, economic, social, ethical and legal perspectives).

This work also includes research and policy support on the development and uptake of trustworthy and transparent algorithms, with a focus on AI and recommender systems relevant for digital services and sectorial applications. The latter requires the qualitative and quantitative monitoring of the uptake of trustworthy AI in the public sector, building on

<sup>1</sup> Ispra, IT can be considered as an option upon the request of the candidate.



previous research results, such as the European landscape on the use of Artificial Intelligence by the Public Sector<sup>2</sup>, Road to the adoption of Artificial Intelligence by the Public Sector<sup>3</sup>, and the revision of the previously developed AI Watch Index<sup>4</sup>.

We offer:

- a job in a **dynamic, multidisciplinary environment**, with important societal impact in Europe and beyond;
- a unique opportunity to **help pursuing a human-centric, sustainable vision for digital society** throughout the modernisation of the digital public services and digital governance to empower citizens and to support an open and sustainable European Public Administration;
- a **family-friendly working environment**, with online collaboration and occasional travel for conferences/workshops and cooperative work with colleagues in Brussels or other JRC sites (especially Ispra, Italy).

## **WE PROPOSE**

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The jobholder will join an **interdisciplinary and multicultural team** of researchers and contribute to the JRC's research portfolios on Trustworthy AI for a Fair and Democratic Europe and on Monitoring and Shaping the Digital Transition. S/he will work at the intersection between scientific research and policymaking, to support the development of appropriate digital policies in the EU.

S/he will **carry out research on the adoption, use, and impact of Artificial Intelligence (AI), interoperable solutions, and Digital Transformation in the public sector and for the delivery of innovative public services.**

The work may involve:

- coordinating the **update and further evolution of the AI Watch Index**, including aspects such as the technology evolution, diversity, standards, cybersecurity, education and public bodies;
- **develop methodologies for collecting, processing, analysing and visualising data** from the public sector for the creation of the indicators of the AI Watch Index;
- monitoring and analysing the **actors and processes linked to AI** and other technologies in public sector organisations and evaluate the impact of technology both internally to the organisation, and externally with respect to the role of governments as providers of services to business and to the public.
- monitoring and analysing the **governance of technological change and new forms of governance** that are emerging from technological change to understand their impacts on democratic forms of public governance.

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<sup>2</sup> <https://publications.jrc.ec.europa.eu/repository/handle/JRC129301>

<sup>3</sup> <https://publications.jrc.ec.europa.eu/repository/handle/JRC129100>

<sup>4</sup> [https://ai-watch.ec.europa.eu/ai-watch-index-2021\\_en](https://ai-watch.ec.europa.eu/ai-watch-index-2021_en)



- nurturing a **network of international researchers and research centres**, including by drafting **scientific publications** and reports for a variety of audiences (experts/scientists, policy makers, the general public);
- drafting **in-depth analysis reports** on selected impacts of the digital transformation of the public sector;
- drafting succinct **policy briefs** translating the analytical results into policy recommendations;
- contributing to **briefings** and delivering input on short-term requests from key partners (under the supervision of responsible team leader);
- defining and following up **external studies or service contracts**.

The candidate should be able to work independently within the framework of the team and be open to collaborate with other research teams in the research portfolio. S/he should also have a creative capacity for exploratory initiatives and be ready to propose and test new data, methods and indicators as to capture the impact of digitalisation – on public governance, in general, and on the public sector, in particular. Finally, the candidate should show an interest for EU policies as well as the flexibility to address new policy questions, adapting to constraints imposed by the policy agenda.

S/he will work in close collaboration with a wide range of partners, including policy experts in the European Commission, in DG CONNECT, DG REFORM and DIGIT, external researchers and scientists, and other various stakeholders in EU Member States and civil society organisations.

## **WE LOOK FOR**

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We are looking for a **researcher** with a strong background in **analysing the impacts of digital transformation, including emerging technologies**. Highly motivated outstanding candidates with a keen interest in supporting EU digital policies should have the **following experience/skills (essential)**:

- A university degree in the field of mathematics, statistics, computer science, economics or another field relevant to the position and at least 3 years relevant research experience with a particular emphasis on applied work in the area of digital innovation and technology adoption (in particular of AI);
- Very good (C1 level) knowledge of English.

Any of the following skills and experience would be **desirable**:

- A PhD (doctoral diploma) in the field of mathematics, statistics, computer science, economics or another field relevant to the position;
- A research track record in the area of digital governance and in the digital transformation and technological change in the public sector (in particular related to AI) supported by high-quality scientific publications;
- Experience in project management;
- Experience in stakeholder engagement;
- Experience in quantitative and qualitative analysis and interdisciplinary research methods, in particular for the creation of indicators and indexes;



- International experience in working in different countries and leading community initiatives.
- Experience in writing and communicating to scientific, policy, and business audiences, as well as the public

## HOW TO APPLY

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If you are **already on a valid CAST FGIV 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 calls:

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

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.*