



2022-IPR-C2-FGIV-020951

**FG IV – Scientific Project Officer – Clean Energy
Technologies**

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 current vacancy is in the Unit Energy Efficiency and Renewables of the Directorate for Energy, Transport and Climate of the JRC. The unit's mission is to support the deployment of renewable energy technologies and energy efficiency measures. It supports the relevant EU policies to ensure that the EU can achieve its ambitious climate/energy agenda, specifically targeting the supply of clean and affordable energy and the decarbonisation of the transport sector.

Clean energy is an essential part of the European Green Deal and European Climate Pact, as well as being one of the UN sustainable development goals.

<https://ec.europa.eu/jrc/en/research>

https://joint-research-centre.ec.europa.eu/scientific-activities-z/energy-technology-innovation_en

<https://ec.europa.eu/jrc/en/research-topic/biofuels-and-bioenergy>

https://joint-research-centre.ec.europa.eu/scientific-activities-z/energy-sector-economic-analysis_en

https://joint-research-centre.ec.europa.eu/scientific-activities-z/photovoltaics_en

WE PROPOSE:

A position as Scientific Project Officer to perform analysis of clean and renewable energy technologies, addressing resources, technology readiness, competitiveness, sustainability and innovative deployment options.

The overall aim of the research will be to analyse the technical potential of innovative clean and renewable energy technologies, such as carbon removal & negative emission technologies, bioenergy, alternative fuels, and carbon capture and storage at different scales. It includes the assessment of the future implications of alternative energy sources and technology development foresight and economic scenarios compared to the traditional ones.

The selected candidate will perform studies and provide technical assistance and scientific support for the implementation of EU policies for the energy transition in the EU. The research will mainly target policy makers and publication of results in scientific journals is also encouraged.

WE LOOK FOR:

We are looking for an enthusiastic research fellow with a degree in a relevant subject (engineering, economics, environmental sciences), together with a minimum of 5 years of research experience or a Ph.D.

Expertise in the analysis of issues relating to clean energy is an advantage, with proven research and/or analysis experience in one or more of the following fields:

- Technical potential of innovative clean and renewable energy technologies, such as carbon removal technologies, bioenergy, biofuels and alternative fuels, bioenergy and carbon capture and storage

- Technology development foresight and future scenario models experience in energy related technologies
- Techno-economic analysis of negative emission technologies (carbon dioxide removal, direct air capture and bioenergy and carbon capture and storage)
- Greenhouse gas emission accounting for low carbon processed and technologies

S/he should be able to work in a multi-disciplinary team of scientists and engineers and to have good communication skills using a range of media.

A high level of spoken and written English (B2) is essential.

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://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en (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.