



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

**2021-IPR-C2-FGIV-018030**

**FG IV - PROJECT OFFICER - SCIENTIFIC  
RESEARCH ON BIOENERGY AND  
ALTERNATIVE FUELS**

**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 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 *Directorate for Energy, Transport and Climate / Unit Energy Efficiency and Renewables*. 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.

The work addresses the assessment of the state of the art, market barriers, resource potentials of different clean and renewable energy supply technologies, considering sustainability requirements as relevant. It performs forward-looking technology, resource and market assessments and analyses of environmental impacts, GHG & energy performance profiles of innovative bioenergy and alternative fuels.

**WE PROPOSE:**

The position is for a scientific project officer who will conduct research activities and analyses on bioenergy, biofuels and alternative fuels for transport, focussing on the assessment of various environmental and climate impacts, technological development, market potential and uptake, as well as greenhouse gas emissions and energy profiles. This continues the JRC's well-established scientific work in this area. He/she will provide technical assistance and scientific support on the implementation of the relevant renewable energy legislation on GHG emissions and sustainability aspects as part of the EU's Green Deal decarbonisation strategy.

The jobholder will contribute to the analysis of technological developments, market potential and uptake of bioenergy and advanced biofuels and alternative fuels in road, aviation and maritime transport. The work include Life-Cycle Assessment (LCA) of the greenhouse gas and energy profiles of bioenergy, biofuels, and alternative fuels for transport and analyses of different options and the greenhouse gas performances in the present and future energy mix of alternative fuels and advanced biofuels, as well as electrification options. The jobholder will develop new concepts and new methodologies for assessing greenhouse gas emissions performances of new technologies, processes and pathways. An important part of the job will be to contribute to the evaluation of energy and GHG balances for the different combinations of fuel and powertrains in transport. The jobholder will contribute to scientific output through reports and peer-reviewed scientific publications.

She/he will network with policy DGs and relevant stakeholders, both to disseminate the results and to contribute to the conceptualization of new areas of policy and research in this field.

The job offers an opportunity to work in an international, multi-cultural environment, in close collaboration with a diverse team of highly motivated colleagues and direct involvement in the EU policy process. While the output mainly targets EU policy makers, publication of results in scientific journals is also encouraged.

**WE LOOK FOR:**

The ideal candidate should be passionate about working at the forefront of science and EU energy policy, have a solid scientific/technical background and a strong interest in energy issues.

Candidates should have a degree in a relevant science subject or in engineering, together with a minimum of 5 years of research experience or a Ph.D.

Proven experience and technical competence in one or more of the following fields is required:

- bioenergy / biofuels / alternative fuels technologies and processes;
- biomass resources, sustainability, potential impacts and related policies;
- Life-Cycle Assessment (LCA) and/or Well to Wheels (WTW) of bioenergy / biofuels / alternative fuels.

To be successful in this role you should:

- Have very good analytic skills, open-minded, formulating evidence-based decisions and recommendations;
- Have very good drafting skills, supported by proven track record of reports and peer reviewed scientific publications;
- Have good organisational skills, able to deal with a number of varied and complex tasks;
- Be a team player, able to carry out activities in a multi-disciplinary team;
- Have good communication skills: speak and write clearly in English (B2) and interact effectively with different stakeholders using a variety of communication media.

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Ispira (IT)

**RULES AND ELIGIBILITY:**

To be eligible for the position, the candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

You can be added to an EPSO reserve list if you complete successfully an EPSO selection procedure.

Candidates who are on a valid EPSO reserve list or have applied to an EPSO selection procedure can apply to this specific position through <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**How to apply to an EPSO selection procedure?**

Apply either to the permanent EPSO call (CAST Permanent) [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en) or a specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers>

The CAST Permanent reserve list is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), whereas the specialised reserve list for researchers (JRC Call COM/1/2015/GFIV – Research) is mainly used by the JRC.

**RECRUITMENT POLICY:**

The JRC

- 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.