



2020-IPR-C4-FGIV-013830

FG IV - Scientific Project Officer – Energy consumption and CO₂ emissions from Light Duty Vehicles

<p>Position for:</p> <p>FGIV – Scientific Project Officer</p>	<p>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.</p> <p>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/</p> <p>The Sustainable Transport Unit (STU) of the Directorate for Energy, Transport and Climate, is responsible for a series of activities aiming to characterize the energy performance and carbon emissions of light-duty road vehicles (including the so-called Eco-Innovations) and monitor the progress in meeting the established CO₂ emission targets.</p> <p>Within this framework, the STU has the key role in the technical assessment of the eco-innovation applications and in the preparation of the approval decisions. In particular the unit critically analyses the applications and the savings indicated by the applicants for the purpose of the Commission decision, and provides the details and information required for the certification by type approval authorities of the CO₂ benefits from the eco-innovation.</p> <p>For a comprehensive assessment of the energy savings due to potential Eco-Innovations the STU is conducting both desktop activities and experimental tests. In order to help vehicle manufacturers and suppliers prepare their applications for Eco-Innovations in the most efficient and harmonised way, the STU has prepared Technical Guidelines, which have to be periodically reviewed and updated to take in account emerging technologies.</p> <p>The STU is therefore looking for a researcher to support the implementation of the unit's activities in the area of Eco-Innovations and vehicle emissions and energy efficiency, with emphasis in the effect of new technologies on fuel consumption. The work will comprise project management support, work organization, schedules and priorities. The work will be carried out in cooperation with the various scientific and administrative groups of the Institute. During the course of each assessment, it might be necessary to establish contacts and manage technical meetings with the applicant. Every step of the work will be carried out in full agreement with the relevant Commission Directorate (DG Climate Action).</p> <p>The tasks of the successful candidate will be to:</p> <ul style="list-style-type: none">• Assess applications on Eco-Innovations (EI).• Maintain and further develop the Technical Guidelines.• Support manufacturers, suppliers and verification bodies for the preparation of EI applications.• Participate in the testing of vehicles and engines in the
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	<p>VELA laboratories, analyse emission data.</p> <ul style="list-style-type: none"> • Investigate new methods for measuring emissions. • Extend current collaborations and propose new work items in the field. • Assist in planning, define and review tasks and deliverables, status reports, reporting, follow up and organization. • Participate when appropriate in the relevant internal and external working groups. • Contribute to related activities of the JRC’s road CO₂ emissions group • Produce periodical reports/peer reviewed papers on the scientific activities. <p>Qualifications:</p> <p>We look for a person with strong interest and understanding of vehicle technologies, who will have a good aptitude of taking initiative, developing new concepts and being a strong team player.</p> <p>The candidate shall have one of the following qualifications:</p> <ul style="list-style-type: none"> - A completed university studies of at least three years attested by a diploma in Science or Engineering and at least five years of professional experience in a field relevant to the position; - A Master degree in Mechanical, Automotive, Energy, Vehicle or similar Engineering fields relevant to the position offered and at least three years of professional experience in a field relevant to the position, -A doctoral degree in Mechanical, Automotive, Energy, Vehicle or similar Engineering fields relevant to the position offered. <p>In addition, the following qualifications are considered as an asset:</p> <ul style="list-style-type: none"> • Good knowledge of the European legislation concerning CO₂ emissions from Light Duty Vehicles. • Good knowledge of vehicle powertrain systems, vehicle dynamics, or vehicle diagnostic systems. • Knowledge of laboratory and real driving test cycles for road vehicles. • Solid record of research activities relevant for the post including scientific publications and reports. • Proven ability to work in a team and in a multi-cultural environment. <p>Very good oral and written communication skills in English (B2) are essential.</p> <p>The Joint Research Centre is an equal opportunity employer and is committed to increasing the diversity of its staff. It welcomes applications from women and minority groups.</p>
<p>Directorate Unit</p>	<p>Energy, Transport and Climate Sustainable Transport Unit</p> <p>Further information: https://ec.europa.eu/jrc/</p>
<p>Indicative duration</p>	<p>36 months initial contract with possible renewals up to maximum 6 years</p>

<p>JRC Site</p> <p>Country</p>	<p>Ispra</p> <p>Italy</p>
<p>Rules and eligibility</p>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>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</p> <p>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</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>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.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>