



2020-PTT-C1-FGIV-014408

**FG IV - Technology Monitoring and Assessment  
of the environmental impact of hydrogen  
technologies**

<p><b>Position for:</b></p> <p><b>FG IV – Scientific/technical project officer</b></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: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p>In the C01 Energy Storage Unit, independent scientific research is performed to underpin EU priorities and initiatives supporting technology innovation in energy and transport. Research focuses on assessing the safety, sustainability and performance of hydrogen, fuel cell and battery technologies as enablers of the transition towards less carbon-intensive and hydrogen-inclusive EU energy and transport systems. Pre-normative research is performed for establishing effective harmonised European and global standards and regulations.</p> <p>Qualifications:</p> <p>The selected candidate will perform technology monitoring and assessment activities of fuel cells and hydrogen technologies. The selected candidate will focus on the assessment of the environmental impact of hydrogen technologies and pathways in the context of sustainable development, for example through life cycle assessment (LCA) and support unit activities on monitoring and assessment of hydrogen technologies and pathways.</p> <p>The selected candidate will perform technology progress monitoring and conduct research on environmental sustainability, including the data collection and assessment, as well as evaluation and development of methodologies and models for assessing environmental impact of hydrogen technologies and pathways.</p> <p>The ideal candidate should have a Ph.D. (in engineering, physics, or in other relevant technical disciplines) or a minimum of 3 years of research experience in hydrogen technologies, with a focus on assessment of environmental impact. A proven aptitude for technology assessment &amp; monitoring is required. Prior familiarity with LCA methodology would be an advantage. Proficient use of the English language (C1), the ability to carry out independent research and effectively communicate results in technical reports, presentations and scientific publications, as well as the willingness to work in a team, is a must.</p>
<p><b>Directorate Unit</b></p>	<p>Directorate for Energy, Transport and Climate Energy Storage Unit</p>

<b>Indicative duration</b>	36 months initial contract with possible renewals up to maximum 6 years
<b>JRC Site</b> <b>Country</b>	Petten the Netherlands
<b>Rules and eligibility</b>	<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.  <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></p> <p><i>(Only for GFIV – Researchers/Scientific profiles):</i></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:  <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></p> <p>Only then you can apply for this specific position, through  <a href="http://recruitment.jrc.ec.europa.eu/?type=AX">http://recruitment.jrc.ec.europa.eu/?type=AX</a></p> <p><b>Auxiliary contract staff:</b>  <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></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>