



2019-IPR-C-000-012948

**Cost Analysis Of Alternative
Transportation Fuels**

<p>Position for:</p> <p>Trainee</p>	<p>As the science and knowledge service of the Commission, the mission of 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: http://www.jrc.ec.europa.eu</p> <p>Within the Energy Efficiency and Renewables Unit of the Directorate for Energy, Transport and Climate, the Alternative Fuels team provides scientific and technical support on the definition of and implementation of the relevant EU regulatory framework, including the assessment of environmental impacts, technological development, greenhouse gas and energy profiles of bioenergy, biofuels, and alternative fuels for transport.</p> <p><u>Short description of activity:</u></p> <p>The JRC is currently expanding its modelling capacities with respect to the uptake of advanced biofuels and alternative renewable fuels in non-road transport modes. Building on an existing modelling tool focussed on road transport, this tool is being expanded to allow scenario-based economic analysis of the deployment of alternatives fuels in all transport modes (road, aviation and maritime transport).</p> <p>The proposed trainee position consists in joining on-going research activities for expanding modelling capacities of the team with specific attention to cost and market analyses of alternative fuels for transport. The trainee would assist in the collection and analysis of cost and market data, particularly for aviation and maritime transport; contribute to the definition of various scenarios and to the economic model; contribute to the development of user-friendly software allowing scenario analyses.</p>
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	<p>The candidate is expected to contribute to the analysis of data. The trainee's support will involve searching, collecting, organizing input data and drafting the structure of the relevant economic scenarios for the transport sector.</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • University degree in the fields of economics, or engineering with a preference for naval engineering. • Good knowledge of spoken and written English. <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Knowledge of one or more of the following: biofuels / bioenergy / renewable fuels topics, energy economics, engineering. • Experience of data analysis and modelling. • Knowledge of Python, Matlab, R, SQL, Access, Excel, or related software. <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Unit / Directorate	<p>Directorate C - Energy, Transport and Climate</p> <p>C.2 Energy Efficiency and Renewables</p>
Indicative duration	5 months
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>