



2019-IPR-C-000-011728

**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 Institute, the Alternative Fuels team provides scientific and technical support on the definition of the methodology and the computation of carbon intensity for alternative (bio-based and novel) transportation fuels for inclusion in the relevant EU and international regulatory framework.</p> <p><u>Short description of activity:</u></p> <p>The JRC is currently expanding its modelling capacities with respect to the uptake of alternative renewable and sustainable fuels in non-road transport modes. Building on an existing modelling tool focussed on road transport able to integrate marine and aviation datasets. This tool is being expanded to allow scenario-based economic analysis of fuel alternatives in all transport modes.</p> <p>The proposed trainee project consists in joining on-going research activities on expanding modelling capacities of the team with specific attention to cost and market analyses of alternative fuels for non-transport modes . The trainee would assist in the collection and analysis of cost and market data particularly for maritime and waterborne transport; contribute ideas to the definition of the economic model, supporting scenario development; contribute ideas to the development of user-friendly software allowing scenario analyses.</p> <p>The candidate is expected to contribute to the</p>
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	<p>analysis of data. The trainee's support will involve searching, collecting, organizing input data and drafting the structure of the relevant economic scenarios.</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> <p>Knowledge of one or more of the following will be an advantage: economic modelling, data analysis and statistics, energy economics, engineering,</p> <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>