



**2017-IPR-C-000-9104**

**Eco-Innovations to reduce CO<sub>2</sub> emissions  
from transport**

<p><b>Position for:</b></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: <a href="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>The Sustainable Transport Unit of the Institute, comprising more than 50 staff, provides scientific and technical support on clean and efficient fuels and vehicles for sustainable mobility.</p> <p>The JRC is currently supporting major initiatives of the European Commission in the field of CO<sub>2</sub> emissions reduction from light and heavy duty vehicles. Novel methodologies are being developed for accurately quantifying emissions of various on road vehicles using experimental measurements and computer simulation methods.</p> <p>The proposed trainee project consists in joining ongoing research programs on road transport generated CO<sub>2</sub> emissions. In particular the trainee will assist the group in assessing the CO<sub>2</sub> reduction potential of different eco-innovations (technologies with a CO<sub>2</sub> reduction potential that cannot be identified by the current type-approval process). Part of the duties will involve the statistical analysis of usage factor data of the eco-innovations and the formulation and drafting of technical reports on the results achieved.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b> University degree in the fields of science or engineering;</p>
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	<p>Good knowledge of spoken and written English. (B2 level)</p> <p><b><u>Advantage:</u></b></p> <p>Knowledge of one or more of the following:</p> <p>Automotive/energy engineering, statistics and probability, data mining.</p> <p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Institute/Directorate Unit</b>	Directorate C 'Energy, Transport and Climate' Unit C.4 'Sustainable Transport'
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispira
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b></p> <p><a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>