



2017-IPR-C-000-9104

**Eco-Innovations to reduce CO₂ emissions
from transport**

<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><u>Short description of activity:</u></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 CO₂ 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 CO₂ emissions. In particular the trainee will assist the group in assessing the CO₂ reduction potential of different eco-innovations (technologies with a CO₂ 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><u>Qualifications:</u></p> <p><u>Essential:</u> 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><u>Advantage:</u></p> <p>Knowledge of one or more of the following:</p> <p>Automotive/energy engineering, statistics and probability, data mining.</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>
Institute/Directorate Unit	Directorate C 'Energy, Transport and Climate' Unit C.4 'Sustainable Transport'
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispira
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact:</p> <p>JRC-ESRA@ec.europa.eu</p>