



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate R - Resources
Human Resources

2016-IPR-C-000-7785

Reducing CO2 emissions from road vehicles using eco-innovation technologies

Position for:

Trainee

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.

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>

Short description of activity:

The Sustainable Transport Unit of the Directorate, comprising more than 50 staff, provides scientific and technical support on clean and efficient fuels and vehicles for sustainable mobility.

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.

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 several eco-innovations (which are 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.

Qualifications:

Essential:

The candidate must hold a university degree (as stipulated in the Rules governing the

	<p>Traineeship Scheme) in the fields of science or engineering.</p> <p>The candidate must have good knowledge of spoken and written English.</p> <p>Advantage: Knowledge of one or more of the following will be an advantage: statistics and probability, automotive engineering, computer programming, 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>
Directorate Unit	<p>Directorate C – Energy, Transport and Climate Sustainable Transport Unit</p> <p>Further information: http://iet.jrc.ec.europa.eu/ And http://iet.jrc.ec.europa.eu/trainees</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p>