



2017-IPR-C-000-8304

Real-world CO2 emissions from road vehicles

Position for:

Trainee

Short description of activity:

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>

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.

Short description of activity:

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 in the characterization and quantification of the gap between real-world and type-approval CO2 emissions from light duty vehicles and in the assessment of different options to reduce it. Part of the duties will be in support of an experimental campaign to collect fuel consumption data from different vehicles and different drivers and to perform the statistical analysis of the results.

	<p><u>Qualifications:</u></p> <p><u>Essential:</u> The candidate must hold a university degree (as stipulated in the Rules governing the Traineeship Scheme) in the fields of science or engineering.</p> <p>The candidate should have good knowledge of spoken and written English (B2 level).</p> <p><u>Advantage:</u> Knowledge of one or more of the following will be an advantage: data analysis and statistics, geomatics, computer programming, automotive 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>
Institute/Directorate Unit	Directorate C - Energy, Transport and Climate C.4 Sustainable Transport Unit
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>