



2016-IPR-F-000-7016

**RoadCO2: CO2 emissions from light and heavy duty road transportation**

**Position for:**

Trainee

**Short description of activity:**

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.

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 in finalizing CO<sub>2</sub>MPAS (the model developed by the STU to evaluate CO<sub>2</sub> emissions from light duty vehicles). Part of the duties might involve developing computer code in Python or other relevant language for results analysis and input data formulation and drafting of the respective technical reports.

**Qualifications:**  
**Essential.**

The candidate should:

- ✓ hold a university degree (as stipulated in the Rules governing the Traineeship Scheme) in the fields of science or engineering.
- ✓ have good knowledge of spoken and written English (level B2).

Advantage.

Knowledge of one or more of the following will be an advantage: computer programming (python), automotive engineering, data analysis and statistics.

**For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:**

<https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees>

<b>Institute/Directorate Unit</b>	Institute for Energy and Transport Sustainable Transport Unit  Further information: <a href="http://iet.jrc.ec.europa.eu/">http://iet.jrc.ec.europa.eu/</a> And <a href="http://iet.jrc.ec.europa.eu/trainees">http://iet.jrc.ec.europa.eu/trainees</a>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<b>For any technical problems with your application, please contact:</b> <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a>