



2019-IPR-C-000-011695

**POD sampler transfer Technology:
TRANSPODS**

<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 "Air and Climate Unit" (C05) of the Directorate for Energy, Transport and Climate offers a Trainee position for a graduate or MS to be involved in research activities of the Unit, giving support to the Proof of concept project TRANSPODS on the transfer of technology to industry based on a new diffusive sampler JRC patented.</p> <p>The requested transfer of technology will imply performing additional tests to guarantee the correct implementation of the developed technology in the final commercial design of the sampling device.</p> <p>The trainee will be introduced to the methodology of analysis of VOCs in air by diffusive sampling, and will be trained in techniques of:</p> <ul style="list-style-type: none">• Thermal desorption• Gas chromatography/ Mass spectrometry• Atmosphere standard generation system <p>At the end of the traineeship period the trainee will produce an internal report with the results of his/her activities.</p> <p><u>Qualifications:</u></p> <p>This traineeship is suited for students with a university degree in environmental sciences,</p>
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	<p>chemistry or related disciplines, who are interested in policy within the environmental field, in particular atmosphere.</p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> - University degree in chemistry or environmental sciences, or related disciplines. - Good knowledge of English (minimum level B2) <p><u>Advantage:</u></p> <ul style="list-style-type: none"> - Knowledge on air pollution - Knowledge and practice of GC/MS analysis <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>
Unit /Directorate	<p>Directorate for Energy, Transport and Climate</p> <p>C05 – Air & Climate</p>
Indicative duration	5 months
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>