



2019-GEE-F-000-011568

**Trainee on the development of reference materials  
in the field of micro-plastics**

<p><b>Position for:</b></p> <p><b>Trainee</b></p>	<p>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.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p><b><u>Short description of activity:</u></b></p> <p>The Reference Materials Unit (F.6), which is part of the JRCs Directorate F for Health, Consumers and Reference Materials, offers a position for a trainee to provide support in the development of reference materials in the field of micro-plastics. The activity will be carried out in the context of the JRC's work programme on 'Reference materials'. The Unit operates under a quality management system according to ISO 17034 and ISO/IEC 17025.</p> <p>We are looking for a trainee to develop new micro-plastic reference materials in our laboratory. The new materials will allow laboratories to harmonize and eventually validate their methods and to assess their measurement capabilities. Together with an experienced team of JRC staff, the trainee will work on preparation of specific micro-plastic particles, their classification, spiking, recovery tests and measurements following addition to water and/or sediment samples. By the end of the traineeship, the trainee will have obtained a better understanding on micro-plastics in environmental samples, production of reference materials, laboratory and production techniques related to this topic. In addition, knowledge about metrological principles, method validation studies and working in an accredited laboratory environment will also be gained. Valuable experience related to joining an international team facing a global challenge will be an additional bonus.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"><li>• Graduate or undergraduate in the last 1-2 years of higher education in the fields of materials science, chemistry, environmental science, or biochemistry</li><li>• Good knowledge of oral and written English (level B2)</li><li>• Good command of MS Office (e.g., Word, Excel)</li></ul> <p><b><u>Advantage:</u></b></p> <p>Hands-on experience in laboratory work and ability to solve technical problems.</p>
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	<p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<p><b>Directorate</b></p> <p><b>Unit</b></p>	<p>Directorate F – Health, Consumers and Reference Materials</p> <p>Unit F.6 – Reference Materials</p>
<p><b>Indicative duration</b></p>	<p>Maximum 5 months</p>
<p><b>JRC Site</b></p> <p><b>Country</b></p>	<p>Geel</p> <p>Belgium</p>
<p><b>JRC contact details</b></p>	<p><b>For any technical problems with your application, please contact:</b></p> <p><a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a></p>