



2018-IPR-D-000-9687

**Data gathering and data modelling for  
food manufacturing and food waste**

<p><b>Position for:</b></p> <p>Trainee</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="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>This traineeship will give support to the ongoing assessment of food waste along supply chain in a project called Waste and residues. The trainee will contribute to the collection and management of waste statistics and to development of modelling of food waste amount along the supply chain.</p> <p>Specific focus on necessary analysis of data quality and reliability of estimation methods. One of the objectives of the traineeship is to support the assessment of data availability and the identification of solutions for data gap filling in the context of bio-based waste.</p> <p>Focusing on food waste, there is a known knowledge-gap related to the quantities generated along supply chains.</p> <p>It still has to be evaluated and established on how to conduct the estimation of the quantities as several methodologies are available and can lead to diverging results.</p> <p>Specific focus of the traineeship should lie on assisting the development of food waste modelling, including spatial differentiation, as well as contributing to the structuring of the underpinning databases.</p> <p><b><u>Qualifications:</u></b></p> <p>Essential:</p>
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	<ul style="list-style-type: none"> <li>• University degree in environmental sciences, agriculture or environmental engineering;</li> <li>• Good knowledge of spoken and written English (Level B2).</li> </ul> <p>Advantage:</p> <ul style="list-style-type: none"> <li>• Knowledge of food production or agricultural systems</li> <li>• Knowledge of environmental impact assessment</li> <li>• Knowledge of the following methods and software: Life Cycle Assessment, LCA software, Sankey diagrams software, database management software.</li> </ul> <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>
<b>Directorate Unit</b>	Directorate D - Sustainable Resources Bio-Economy Unit
<b>Indicative duration Preferred starting date</b>	5 months As soon as possible
<b>JRC Site Country</b>	Ispra Italy
<b><u>JRC contact details</u></b>	<b>For any technical problems with your application, please contact:</b> <a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a>