



**2017-IPR-C-000-9169**

**Bioenergy and Biodiversity**

<p><b>Position for:</b></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: <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>Within Sustainable Transport Unit the Unit, the Alternative Fuels (ALFA) group is providing support to the EC for the assessment of environmental and climate impacts of a range of biofuels, bioenergy and alternative fuels pathways. We are currently offering a position for a trainee to contribute to the analysis of the impacts of bioenergy to biodiversity. In particular, this work aims at filling the gap in the environmental assessment of bioenergy by taking stock of the tools and methods currently being developed to integrate biodiversity loss into the bioenergy LCA. The selected candidate will have to:</p> <ul style="list-style-type: none"><li>- collaborate to the investigation and discussion the main concept of biological diversity meant as genetic diversity within species, as diversity of available taxa and diversity of ecosystems</li><li>- assist in carrying out a systematic literature review of the current knowledge concerning actual quantification of biodiversity and relevant indicators</li><li>- In collaboration and with the support of C.4 staff, the candidate will then identify the cause-effect chains between pressures and different states of biodiversity, with a focus on the main stressors related to common bioenergy pathways.</li></ul> <p>The ultimate goal of the work will be to identify the possible risks associated to existing and</p>
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	<p>perspective bioenergy systems based on the indicators and methods reviewed.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"> <li>• University degree in the fields of science or engineering.</li> <li>• Good knowledge of spoken and written English.</li> </ul> <p><b><u>Advantage:</u></b></p> <p>Knowledge of lifecycle assessment and related tools, and of biodiversity indicators</p> <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>Institute/Directorate Unit</b>	<p>Directorate for Energy, Transport, and Climate Sustainable Transport Unit</p> <p>Further information:  <a href="https://ec.europa.eu/jrc/en/research-topic/sustainable-transport-and-fuels">https://ec.europa.eu/jrc/en/research-topic/sustainable-transport-and-fuels</a></p>
<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>	<p><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></p>