



2020-IPR-C-000-016089

**Traineeship on clean energy access for social infrastructure in Sub-Saharan Africa**

**Position for:**

**Trainee TYPE I and/or II**

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.

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>

The Energy Efficiency and Renewables Unit of the Directorate for Energy, Transport and Climate comprises about 50 staff, and supports the development of renewable energy technologies and energy efficiency measures. It is based at the JRC site in Ispra, Italy.

**Short description of activity:**

Clean energy, and in particular renewable energy, is a key to achieving the UN sustainable development goals. In the overall framework of the AU-EU partnership, the JRC is studying the technical and market potential for renewables to support electrification efforts in Sub-Saharan Africa, with a particular focus on the use of geospatial data and of interactive online tools to support policy makers and other stakeholders. We offer a trainee position with the JRC team. The work will focus on renewable resources and socio-economic factors impacting rural electricity access for social infrastructure i.e healthcare and educational facilities. It is intended that the results will contribute to JRC online information tools and to scientific publications.

**Qualifications**

**Essential:**

- ✓ University degree in in a relevant field of engineering, science, economics, or mathematics.
- ✓ Good command of English (level B2). Very good analysis, data handling and synthesis skills.
- ✓ This is a collaborative project so good communication skills and a strong team-work ethic are required.

	<p><b>Advantage:</b></p> <ul style="list-style-type: none"> <li>✓ Familiar with renewable energy technologies and resources, sustainable development goals and policies, geospatial data analysis, data management tools and software.</li> </ul>
<b>Directorate &amp; Unit</b>	Directorate for Energy, Transport and Climate Energy Efficiency and Renewables Unit
<b>Indicative duration Indicative start date</b>	Maximum 5 months As soon as possible
<b>JRC Site Country</b>	Ispra Italy
<b>Rules and eligibility</b>	See <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>
<b><u>JRC contact details</u></b>	<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>