



2018-PTT-C-000-9860

Energy Research and Innovation

Position for:

Trainee

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 vacancy is within the Knowledge for the Energy Union Unit of Directorate C - Energy, Transport & Climate, with a mission of providing, through knowledge management, scientific and technical support to EU policies related to the Energy Union strategy implementation, most notably on its research, innovation and competitiveness pillar. Our staff (about 50) is mainly based in Petten (NL).

Short description of activity:

The Unit, among other tasks, carries out assessments of low carbon energy technologies in support of the implementation of the Integrated SET Plan actions and the Energy Union priorities. The Unit is constantly developing capacity and tools to monitor Research, Innovation and Competiveness (RIC) of low-carbon energy technologies. The trainee will participate and contribute to these activities through data collection and analysis, under the supervision of expert members of the Unit.

In particular the trainee will contribute to the collection of data and further development of the methodological framework for the estimation of global Research and Innovation (R&I) investments in low-carbon energy technologies. The work will focus on the Chinese low-carbon innovation landscape and the interaction between public and private entities in R&I.

The tasks of the trainee will include:

- Performing a literature review on global investments on low-carbon energy technologies and associated indicators;

	<ul style="list-style-type: none"> • The collection and analysis of R&I investment data on low-carbon energy technologies, with a focus on: the private sector; China; • Structuring information along distinct sub-technologies or thematic areas; • Extracting, visualising and analysing resulting data to present the evolution over time of relevant indicators. <p>The trainee will have the opportunity to contribute to the publication of reports and scientific papers.</p> <p>At the end of the traineeship, the trainee will have gained significant knowledge on RIC indicators of energy technologies, as well as an insight on the global low-carbon energy R&I landscape.</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u> An engineering, economics or physical sciences degree, with relevance to low-carbon energy. Good command of English (level B2). Good IT skills and competence in the use of spreadsheets. Very good analytical and data management skills. This is a collaborative project so good communication skills and a strong team-work ethic are required.</p> <p><u>Advantage:</u> In depth knowledge relevant to: China, specific low-carbon energy technologies; research and innovation, use of databases.</p> <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>
Institute/Directorate Unit	Directorate for Energy, Transport and Climate / Knowledge for Energy Union unit Further information: https://ec.europa.eu/jrc/en
Indicative duration	5 months
Preferred starting date	as soon as possible
JRC Site Country	Petten The Netherlands
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p>