



2017-IPR-C-000-8385

**Data mining and technology assessment
in the sector of future and emerging
energy technologies**

Position for:

Trainee

Short description of activity:

As the science and knowledge service of the European Commission (EC), the mission of DG Joint Research Centre (JRC) 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>

In the framework of the SET-Plan (Strategic Energy Technology Plan) of the EC, the JRC is currently supporting major initiatives to identify promising emerging low carbon energy technologies in different sectors of energy research.

The proposed trainee project consists in joining and supporting on-going activities on technology assessment and technology foresight. More specifically, he/she will contribute to:

- 1) Feed and maintain an inventory (database) of new and emerging energy technologies;
- 2) Analyse the potential impact of the new and emerging technologies in relation to EU policy objectives.

The proposed trainee project consists, mainly, in identifying ongoing research programs on future emerging energy technologies (FETs), performing an activity of data mining on the state of the art of these FETs and to place relevant data in the ad-hoc FET database.

Qualifications:
Essential:

University degree (as stipulated in the Rules governing the Traineeship Scheme) in the fields of science or engineering.

	<p>Good knowledge of spoken and written English (level B2)</p> <p>Background on Energy technologies.</p> <p><u>Advantage:</u></p> <p>Ability/Experience in drafting documents/reports will be an advantage.</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	<p>Directorate C – Energy, Transport and Transport Sustainable Transport Unit</p> <p>Further information: http://iet.jrc.ec.europa.eu/ And http://iet.jrc.ec.europa.eu/trainees</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p>