



2016-IPR-F-000-6353

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

**Position for:**

Trainee

**Short description of activity:**

In the framework of the SET-Plan (Strategic Energy Technology Plan) of the EC, the JRC is currently supporting major initiatives to identify the existing more effective energy technologies, future emerging technologies and the most innovative 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) Create and maintain an inventory of new and emerging 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) and performing an activity of data mining on the state of the art of these FETs, to be placed in ad-hoc databases.

**Qualifications:**

**Essential.**

The candidate should hold a university degree (as stipulated in the Rules governing the Traineeship Scheme) in the fields of science or engineering. The candidate should have good knowledge of spoken and written English (level B2).

**Advantage.**

Knowledge of one or more of the following will be an advantage: energy technologies, data mining.

**For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:**

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|                                   | <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>Institute/Directorate Unit</b> | Institute for Energy and Transport<br>Sustainable Transport Unit<br><br>Further information:<br><a href="http://iet.jrc.ec.europa.eu/">http://iet.jrc.ec.europa.eu/</a><br>And<br><a href="http://iet.jrc.ec.europa.eu/trainees">http://iet.jrc.ec.europa.eu/trainees</a> |
| <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> | <b>For any technical problems with your application, please contact:</b><br><a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a>  |