



2021-PTT-C-000-016508

Mapping of international activities and strategies for hydrogen technologies

<p>Position for:</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: http://www.jrc.ec.europa.eu</p> <p>The traineeship is within the Energy Storage Unit of Directorate C - Energy, Transport & Climate. The Unit performs scientific research into energy storage technologies in support of European energy and transport policies. This includes battery technologies, hydrogen storage, distribution and electrochemical conversion in fuel cells. Particular attention is given to the establishment of harmonized methods for characterizing the performance of the technologies in terms of efficiency, emissions, reliability and safety.</p> <p><u>Short description of activity:</u></p> <p>A specific activity within the Unit is performing technology monitoring of international research programs. The trainee will contribute to:</p> <ul style="list-style-type: none">• refinement of methodologies for retrieving and collecting relevant information on international research activities• setting up a database with an overview/mapping of the international activities, strategies and national programs relevant for hydrogen technologies within European and non-European member states• collect international SoA for key hydrogen technologies
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	<p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • University degree in a relevant field (e.g. science, engineering) or in preparation of a thesis for a university degree • Good understanding of the fundamental of hydrogen technologies • Good knowledge of spoken and written English (level B2) <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Experience with hydrogen and/or fuel cells is advantageous • Experience with database use and data mining techniques/programs • Knowledge of German, Spanish, French, Japanese, or Chinese is an asset. • Successfully completed university course(s)/project(s)/thesis on hydrogen and/or fuel cell technologies is advantageous <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>
Unit /Directorate	<p>Directorate C – Energy, Transport & Climate JRC.C.1 Unit – Energy Storage</p> <p>Further information: https://ec.europa.eu/jrc/en/research-topic/hydrogen-and-fuel-cells</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Petten
Country	THE NETHERLANDS
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>