



2017-IPR-E-000-8684

**Training on the
Policies and standards for safe and
sustainable construction: data analysis**

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>

Short description of activity:

The current trainee vacancy is in the Directorate E - Space, Security & Migration, located in Ispra, Italy, in the Safety & Security of Buildings Unit. Among others, this Unit aims to create harmonized guidelines for strengthening European competitiveness in the building sector and to conduct pre-normative research towards European standards for safety and security, addressing sustainability and efficiency issues, innovation and resilience in close collaboration with European Research Institutes, Standardisation Organisations and policy makers.

We are looking for a trainee to be integrated within a team that provides support to policies and standards for safe and sustainable construction.

The trainee will contribute to the harmonization and further development of the "Eurocodes", i.e. the European standards for construction works and construction products. The trainee will support the upgrade of the Eurocodes Database of the Nationally Determined Parameters (NDPs Database) adopted in the countries of EU and EFTA applying the EN Eurocodes. The NDPs are those parameters that were left open in the Eurocodes for national choice, to be used for design of buildings and civil engineering works, in order to take into account country differences in geographical, geological or

	<p>climatic conditions, as well as different requirements for safety levels in the Member States. The trainee will also support the analysis of the available NDPs in the Database in order to assess the potential for further harmonization and to investigate cross-border convergence and the divergences of national choices.</p> <p><u>Qualifications:</u> <u>Essential:</u></p> <ul style="list-style-type: none"> • A Recent University degree in engineering. • Good communication skills, verbal and written, • Good command of English (level B2). • Knowledge and hands-on experience in Microsoft Office (mainly Excel). <p><u>Advantage:</u> Good team player</p> <p>The following will be considered advantages:</p> <ul style="list-style-type: none"> • Minimum 3 years of studies related to the construction sector. • Basic knowledge on standardization for construction. • Basic knowledge of Geographic Information Systems (GIS), <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	Space, Security & Migration Safety & Security of Buildings Further information: https://ec.europa.eu/jrc/en
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu