



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL  
JOINT RESEARCH CENTRE  
Directorate B - Resources  
Recruitment and Training

2015-IPR-G-000-4673

**Implication of energy efficiency requirements on building design**

**Position for:**

Trainee JN226569

**Short description of activity:**

The Trainee will have a traineeship in the European Laboratory for Structural Assessment (ELSA) Unit where he/she will be integrated in a team dealing with the implications of sustainability and energy efficiency requirements on building design and retrofit.

The objective of the traineeship is to expose the trainee to the on-going research activities and to the current trends in the European standardization process.

The trainee will assist in defining a possible methodology to optimize building design in terms of structural performance for sustainability and energy efficiency.

**Qualifications:**

The ideal candidate should have a University degree in Architecture or Building Engineering, be enrolled in a post-graduate course on Architecture or Building Engineering and be in the process of writing his/her thesis. Good knowledge of Structural Design including Earthquake Engineering, Life Cycle Analysis and Energy Management for Buildings is required. Experience in the use of computer codes for Life Cycle Analysis (e.g., Simapro) is considered an asset.

Motivation and realistic plans on how to exploit the acquired knowledge in his/her career. Good knowledge of English (level B2) and team working.

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

<https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees>

<b>Institute/Directorate Unit</b>	IPSC G.4/ ELSA SAFECONSTRUCT  Further information: <a href="http://elsa.jrc.ec.europa.eu/">http://elsa.jrc.ec.europa.eu/</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> <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a>