



2016-IPR-G-000-6694

Implication of energy efficiency requirements on building design

<p>Position for:</p> <p>Trainee</p>	<p><u>Short description of activity:</u></p> <p>The Trainee will be part of 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.</p> <p>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.</p> <p>The trainee will assist in defining a possible methodology to optimize building design in terms of structural performance for sustainability and energy efficiency.</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <p>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. Good command of oral and written English (level B2).</p> <p><u>Advantage:</u></p> <p>Experience in the use of computer codes for Life Cycle Analysis (e.g., Simapro). Motivation and realistic plans on how to exploit the acquired knowledge in his/her career and team working spirit.</p> <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p>
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	https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees
Institute/Directorate Unit	IPSC G.04/ ELSA SAFECONSTRUCT Further information: http://elsa.jrc.ec.europa.eu/
Indicative duration Preferred starting date	5 months as soon as possible
JRC Site Country	Ispra Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu