



EUROPEAN COMMISSION

DIRECTORATE GENERAL
JOINT RESEARCH CENTRE

Resources
Recruitment and Training

2014-IPR-G-000-2935

Implication of energy efficiency requirements on building design

Position for:

Trainee

Short description of activity:

The Trainee will work 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;
- or be enrolled in a master 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 and team working.

For general eligibility requirements, please read the rules- see below.

Institute Unit	IPSC G.05/ ELSA SAFECONSTRUCT Further information: http://elsa.jrc.ec.europa.eu/
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>Rules, general eligibility requirements</u>	Trainees: http://ec.europa.eu/dgs/jrc/index.cfm?id=5860