



2018-IPR-E-000-9966

Combining safety and energy efficiency requirements in the rehabilitation of buildings

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| <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><u>Short description of activity:</u></p> <p>The Trainee will support the Unit Safety and Sustainability of Buildings 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 methodology to optimize building design in terms of structural performance for sustainability and energy efficiency and to extend the procedure at a urban/regional scale.</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none">• University degree in Architecture or Civil/Building Engineering.• Good knowledge of English, demonstrated by certificate or previous written production, and team working.• Good knowledge of Structural Design including Earthquake Engineering, Life Cycle Analysis and Energy Management |
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| | <p>for Buildings</p> <ul style="list-style-type: none"> • Motivation and realistic plans on how to exploit the acquired knowledge in his/her career. <p><u>Advantage:</u></p> <p>Experience in the use of computer codes for Life Cycle Analysis (e.g., Simapro)</p> <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>E – Space, Security and Migration E.4 – Safety and Security of Buildings 437 SAFE&CLEAN Construction - SAFESUST</p> <p>Further information: http://elsa.jrc.ec.europa.eu</p> |
| Indicative duration | 5 months |
| Preferred starting date | As soon as possible |
| JRC Site | Ispra |
| Country | Italy |
| <u>JRC contact details</u> | <p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p> |