Research fellowship on - Life cycle assessment of materials, energetic systems and for the realization of sustainable buildings and infrastructures - Università Ca' Foscari Venezia (Italian law 30 December 2010, n.240, art. 22)

Description
The Department of Environmental Sciences, Informatics and Statistics at Università Ca' Foscari Venezia invites applications for a post-doc fellowship in:

**TITLE:** Life cycle assessment of materials, energetic systems and for the realization of sustainable buildings and infrastructures

**SSD:** ICAR / 12 (Architecture Technology) or CHIM / 12 (Chemistry of the Environment and Cultural Heritage)

**DURATION:** 36 months

Objectives:
The objective of the study is the evaluation of environmental impacts caused by construction processes of building and infrastructure, considering all the life cycle phases of the process, including material and components production, transport, use, recycling and end of life. The study will include not only the construction sector, but also infrastructures and renewable power generation. The results will be used by the construction sector and by trade associations and will support the development of good practices and policies to improve and promote the sustainability in public procurement.

The research may be carried out in English.

The fellowship is intended to provide the successful candidate with the opportunity to pursue his/her own research while benefiting from the range of expertise at Università Ca' Foscari Venezia.

Who can apply
Prospective candidates are expected to hold a master's degree in architecture or related disciplines. Ca' Foscari encourages applications from researchers with positive evaluation in all the criteria in individual proposals such as Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar. Researchers having successfully completed Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar funded projects are warmly encouraged to apply.

**Duration of contract:** 36 months approximately starting : July 2017.

**Stipend:** The research fellowship amounts to Euros **70.101,00** for 36 months gross perception, including taxes and social charges.
Deadline for submission of applications: 13 July 2017 h. 12:00 a.m. (Rome CET).

How to apply:

Candidates should submit:
1. The application form;
2. A CV in European format, duly dated and signed (link);
3. A copy of a valid identity document (either Identity Card or Passport);
4. (If available) Evaluation Summary Reports of Marie Skłodowska Curie Actions - Individual Fellowships/ ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) individual proposals having passed all the evaluation thresholds;
5. (If available) Details of Marie Skłodowska Curie Actions - Individual Fellowships, ERC Starting Grants, FIRB (Italian Fund for basic research investments)/ SIR Scientific Young Independence Research funded projects;
6. All documents, qualifications and publications relevant for the selection procedure (please, see the notice - link);

All the schemes of the quoted documentation are available on the website (link).

How to submit your application

Applications should be submitted by the online procedure, available on the notice webpage (link).

Or submit here link:
http://static.unive.it/domandeconcorso-en/accesso/dais2206marcomin

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of his/her application. The candidate if necessary could access the procedures for updating any data and materials by the link provided by the e-mail, in any case any updates must be made no later than the deadline 13 July 2017. Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline. Please note that in case of an high number of applications and / or weight of the materials loaded by the candidates the system might become slower, Therefore it is suggested not to start the process close to the deadline.

NB: The University does not take on responsibility for wrong or late communication of addresses, nor for any communication problem not depending on the University.

Evaluation

Up to 100 points, specifically:
- For qualifications, publications and possible tests, from 0 to 60;
- For interview, from 0 to 40.
Selection procedure

The interview will be held in any case on 18/07/2017, h. 11,00 a.m. (Rome CET) at the Department of Environmental Sciences, Informatics and Statistics, Ca’ Foscari University of Venice, - Scientific Center, Alfa Building – 3° floor - Prof. Antonio Marcomini office, Via Torino, 155 – Mestre (Venice).

Any postponement, will be published on the University’s webpage (link).

The interview

Candidates will be required to demonstrate the following skills, knowledge and expertise:

- Discussion on European trends in LCA applied to the construction sector as well as to the infrastructure and the renewable power generation.
- Description of the main characteristics of the following tools: LCSA, LCA, LCC, SLCA, SBTool, Itaca, Leed, Breeam, DGNB, Minergie
- Verification of Italian language for foreign applicants;
- Verification of English language

Candidates living farther than 200 Kms from Venice may ask to hold a telematic interview.

Information and contacts

Candidates may find further details about the application process and the research project in the official call published on the following link.

For further information please contact Prof. Antonio Marcomini - email: marcom@unive.it

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