

Job vacancy at the Technological Institute of the Canary Islands

REF: TSLP-10/19		
Job post (number of vacant position/s): Master degree, MSc (1)	Code:	290.3.05.01
Job tasks:	<p>ESR14 - Bankability of Grid-Connected High RES penetration Microgrids. There are barriers that must be overcome for the widespread deployment of microgrids connected to the main distribution grid. The main research of the PhD student will focus on the definition and analysis of effective strategies to overcome specific barriers in the market, and on the definition and new business models to improve the bankability of high renewable energy penetration microgrids connected to the grid. It will study the regulatory frameworks and the elaboration of proposals of new business models. After the analysis, the PhD student should propose an appropriate retribution scheme and other public support mechanisms for the promotion of grid-connected microgrids and validate the proposed methodology.</p>	
Category: A	Contract type: Full time job, 3 years contract attached to Smart-BEEJS project.	
Division: Research, Development and Technological Innovation	Department: Innovation	
Location: Pozo Izquierdo, s/n. 35119 - Santa Lucía. Gran Canaria	Province: Las Palmas	
JOB PROFILE		
1.- Academic qualification required: Engineer, Master Degree or equivalent		
2.- Experience, knowledge and skills:		
<p>This job position is under Marie Skłodowska-Curie Actions, Innovative Training Networks programme rules:</p> <ul style="list-style-type: none"> • International mobility: applicants must not have resided or carried out their main activity (e.g. work, studies) in Spain for more than 12 months in the last 3 years. • Early-stage researchers: at the time of recruitment by the host organisation, applicants must have less than four years (full-time equivalent) of their research careers and not have a doctoral degree. <p>Requirements:</p> <ul style="list-style-type: none"> ○ Advanced knowledge of renewable energy and energy saving and efficiency ○ Experience in technical-economic feasibility analysis of EERR projects <p>Will be considered an asset:</p> <ul style="list-style-type: none"> • Master related with Renewable Energies. • Advanced knowledge and experience in the use of statistical tools applied to the evaluation of data on resources and production of renewable energy systems and energy demand. • Experience in mathematical modelling tools applied to renewable energies. 		
3.- Languages:		
<ul style="list-style-type: none"> • High level in English is required. The applicants must demonstrate their ability to understand and express themselves in both written and spoken English. The position involves 		

international travelling.

- Knowledge in Spanish language will also be valued.

4.- Computer skills:

- Advanced knowledge of Microsoft OFFICE (EXCEL: advanced statistical treatment and macro programming) Microsoft Project and statistical software (R-Statistics, SPSS or similar). Knowledge of MATLAB, PYTHON will be valued.

5.- Other requirements:

- Ability to work in a team and proactive attitude.
- Availability to travel.
- Autonomous and organized person.
- Communication skills.

SELECTIVE TESTS: Evaluation of *Curriculum Vitae* and research proposal related with the job position (see annex). Personal interview.

Place and deadline for the submission:

The applications will be checked in a weekly basis until the position is covered.

The submission period ends on 15th October 2019, at 15:00 hours (Canary Islands' time).

Send Curriculum Vitae and research proposal, specifying the reference of the position (TSLP-10/19), to the e-mail address rrhh@itccanarias.org or by post:

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