



## Call for recruitment

Ministry of Higher Education and Scientific Research

Research and Technologies Energy Center  
Technopole Borj Cedria

### RATIONALE

The European Union is aiming to strengthen the research potential of European Union's Member States in building capacity for research and technological development of southern Mediterranean countries through technology transfer in the field of renewable energy.

This project entitled Empowering Tunisian Renewable Energy Research Activities – ETRERA is a strong example as a contribution to strengthening close cooperation between research centers of excellence in Europe and a research centre belonging to the southern Mediterranean countries by strengthening research in the field of renewable energies and in particular in the field of fuel cells. This project in collaboration between the Research and Technologies of Energy Center (CRTEEn) of Technopole of Borj Cedria, the CNR-ITAE (National Research Council, Rome), Innova BIC (Business Innovation Centre, Messina) and Polytechnic School of Nantes University, is funded by the European Community through the European RTD Programme of FP7 for the period 2010-2013.

CRTEEn invites applications for two kinds of positions accordingly to the ETRERA project (Grant Agreement number 245563, signed by the Commission of the European Communities and ETRERA's partners) in order to reinforce its research centre's human potential:

- a. **One** senior researcher position as **invited Professor/** principle investigator in the areas of fuel cell-based on Polymer Electrolyte Membrane Fuel cell. It will be preferred researcher with Tunisian nationality, so as to encourage the comeback of Tunisian researchers living abroad.

- b. **Three** Assistants Professor in the field of physics and chemistry. It will be preferred researcher with Tunisian nationality, so as to encourage the comeback of Tunisian researchers living abroad.

#### PERIOD OF TIME AND SALARY

It is expected to recruit both the positions since the 1st November 2010; however the starting date will depends strictly on the evaluation period, therefore the total amount of salary could vary on the base of the total amount of month worked.

Hereinafter the maximum amount of month and the monthly salary foreseen by the project:

- a. The senior researcher position (**invited Professor**): it is envisaged as a maximum 24 month's contract and a full cost/gross monthly salary of about 3.171,00 Tunisian dinars and about 1.707 €<sup>1</sup> at exchange rate of 20 May 2010.
- b. The Assistant Professor positions: it is envisaged as a maximum 26 month's contract and a full cost/gross monthly salary of about 1880,00 Tunisian dinars and about 1013 €<sup>2</sup> at exchange rate of 20 May 2010

#### ESSENTIAL QUALIFICATIONS

##### *Essential qualifications for the Senior Researcher*

- Ph.D or equivalent
- At least one year work experience abroad
- Research experience on Polymer Electrolyte Membrane Fuel Cell/Fuel cell

##### *Essential qualifications for the Junior Assistant Professor*

- Ph.D or equivalent
- At least one work or study experience abroad
- Degree on one of these disciplines: physics<sup>3</sup> and chemistry<sup>4</sup>

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<sup>1</sup> The total amount of each salary will vary on the base of the starting date of the contract. The salary will be paid in Tunisian Dinars.

<sup>2</sup> The total amount of each salary will vary on the base of the starting date of the contract. The salary will be paid in Tunisian Dinars.

### **CLOSING DATE AND APPLICATION PROCESS**

Application process will be scheduled as follows until to the total assignment of the requested positions:

1. The first deadline for application submission is on 15 July 2010
2. The second deadline is on 30 July 2010
3. The third deadline is on 20 August 2010
4. The fourth deadline is on 20 September 2010

**a. Senior Researcher Applicant should send:**

- a letter of interest signed by the candidate
- a completed Curriculum Vitae signed by the candidate
- a report on research activities in the fuel cell field
- a short report on the vision of the candidate on how to develop research on Fuel cells/ Polymer Electrolyte Membrane Fuel Cell

**b. Junior Assistant Professor should send:**

- a letter of interest signed by the candidate
- a completed Curriculum Vitae signed by the candidate
- authentic photocopies of Master's degree in one of these disciplines physics, engineering, chemistry
- a short abstract on potential research activity to develop within the CRTE<sup>n</sup>

**Applications could be sent or presented to the following address:**

Research and Technologies Centre of Energy ,Technopolark Borj Cedria  
BP. 95 Hammam Lif 2050, Technopole Borj Cedria.

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<sup>3</sup> It will be well-considered candidates having expertise in the mass and heat transfer or in instrumentation or in nanomaterials

<sup>4</sup>It will be well-considered candidates having expertise in chemistry of polymers and characterisation and elaboration of polymer substances and membranes



### **Tunisian Contact of CRTE:**

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### **BOARD OF EXAMINERS**

The evaluation Commission consisting of CRTE's scientific personnel will be supported by the partnering organisations in ETRERA project, Consiglio Nazionale delle Ricerche Istituto di Tecnologie Avanzate per le Energie and Polytech'Nantes University.

### **INSTRUCTIONS FOR SELECTION PROCEDURES**

The evaluation commission will select applicants on the base of their qualifications and experiences. Tunisian nationality will be especially considered, in order to avoid brain drain phenomena. We ensure an equal gender treatment and we will take into account the statement of The European Charter for Researchers - The Code of Conduct for the Recruitment of Researchers.