



## Call for candidates for a doctoral position at GEP

REF. G2032

**Published:** 12 November 2020

**Deadline:** 31 December 2020

**Reference:** G2032

**Research Activities:** Thermochemistry and Renewable Energies

**Candidate:** PhD Student

**Location:** Benguerir

**Duration:** 36 months

**Eligibility:** Be enrolled in a doctoral thesis at a National University

### DESCRIPTION

As part of its activities, GEP is opening 1 funded PhD position in thermochemical reaction engineering for the design of point focus solar receiver-reactors for high temperature chemical reactions (thermochemical storage and solar chemical process).

#### Role of PhD student

- Literature review of interesting high temperature thermochemical reactions;
- Design and model receiver-reactors for the selected process(es);
- Conduct experimental tests to validate the models;
- Publish research results and present them at conferences, workshops, etc.;
- Contribute to the supervision of interns.

#### REQUIREMENTS

- Be enrolled in a doctoral thesis at a National University;
- Skills in chemical/process engineering and numerical methods;
- Good analytical, synthesis, innovation and communication skills ;
- Strong interest in interdisciplinary research.

The candidate should send the following documents to [contact@greenenergypark.ma](mailto:contact@greenenergypark.ma)

- A curriculum vitae;
- Copies of university degrees (doctorate registration certificate);
- A research proposal linked to the project description and to one of the issue areas of the call (2000 words, containing an explanation of the topic, scientific background of candidate, methodology for completion of research proposal);
- Letter of recommendation by a professor.