



EDF DAP CHINA DIVISION

Job Description

Department	R&D	Work Place	Beijing
Job Title	Renewable Process Engineer	Report To	Renewable and Innovative Generation team leader
HR contact	Mrs Christine ZHANG christine.zhang@edf.fr	Starting Date	September 2017

YOUR MISSION

Your mission is to work in the field of renewable energy, energy storage and innovative power generation system. Your contribution will cover the following topics: perform technologies assessment study, develop model for energy related system, follow experimental test campaign and interact with our Chinese research partners.

More specifically your first task will cover the modelling of biomass boiler and biomass power plant and the follow up of biomass project.

YOUR WORK

You will work in the Renewable and Innovative Generation team located at EDF China R&D Centre in Beijing.

Here below, a short list of tasks describing your job is presented:

- Understand the mainstream biomass valorisation technologies including the global and Chinese market
- Support the development of renewable projects
- Develop model of biomass boiler and other renewable power plant
- Perform techno-economic analysis of innovative renewable technologies
- Participate to feasibility studies and pre-design for experimental pilot plant or new project
- Follow the progress of academic and industrial partnership
- Work within a multi-cultural team

REQUIRED SKILLS

- Strongly motivated candidates holding master degree or PhD degree in process engineering, thermal engineering or applied thermodynamics with a basic training in biomass renewable.
- An academic or industrial experience abroad would be appreciated.
- Good communication skills and team spirit.

LANGUAGE SKILLS

- Chinese, mother tongue.
- Fluent English both written and spoken.
- French is a strong plus.

CONTACT

For applying this job, please send a cover letter and your CV both in Chinese and in English to:

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