

EDF DAP CHINA DIVISION
Job Description (2018)

Department	R&D	Work Place	Beijing	
Job Title	Engineer on EV and grid 电动汽车和智能电网工程师	Report To	GEMOS team manager	
Job Level	P1 or P2 according experience	Contract type	CDI	
Job holder		Filling Date	Nov. 2018	

Main mission
<ul style="list-style-type: none"> - Research in Electric Mobility regarding business models and smart charging field - Research collaboration with Chinese partners, participation in projects - Redaction of technical reports - Application of Smart Electric Mobility development for EDF Group

Main Responsibility
<ul style="list-style-type: none"> - Follow up the technical and economic development of EV in China, carry out watches and business analysis of EV and mobility as a service related business - Conduct studies related to development of smart charging, optimization of charging of EV, V2G, smart parking, and internet of vehicles - Support of the EV coordinator in exchanges with local partners in field of EV - Participate actively in exploring the possibility to collaborate with Chinese partners in EV related projects - Participate in projects or research collaboration in EV field to implement smart charging - Support EDF China's business development in EV and grid field;

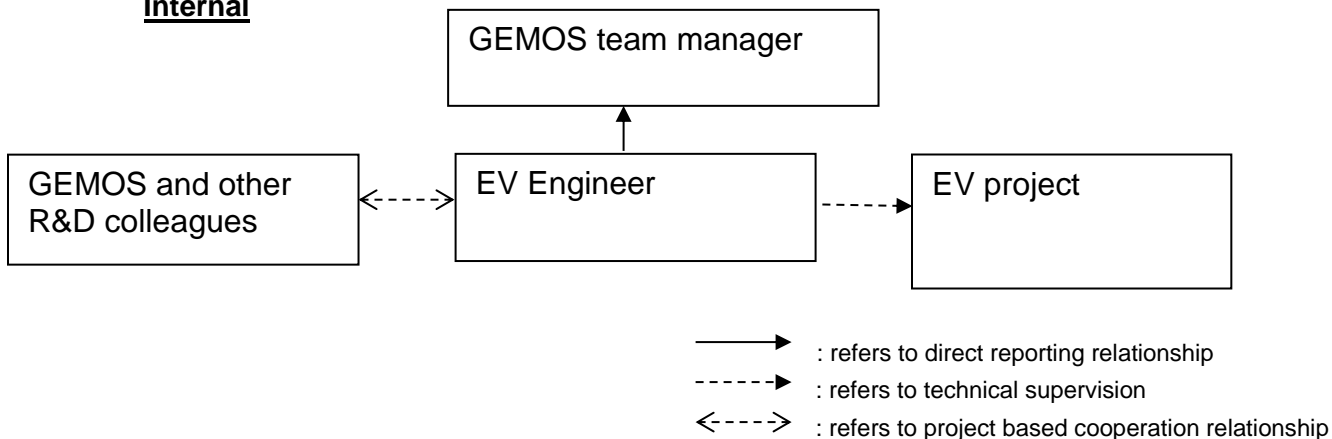
Candidate profile

Requirements:	
Basic requirements: (Education/Qualification/ Language/Computer etc.)	<ul style="list-style-type: none"> • Master Degree in Electrical engineering, electric power system or Automation engineering; • Chinese, Good level in English, and French is preferred; • Have IT skills

Professional experience and skills / Technical Knowledge	<ul style="list-style-type: none"> • Electric Mobility Development • Knowledge in electric vehicle charging facilities, monitoring platform and communication between equipment • Knowledge on control and optimization; • Knowledge on electric power system and on power electronics; • Pre-sizing energy storage or charging infrastructures
Capabilities required	<ul style="list-style-type: none"> • Good interpersonal and communication skills; • Capacity in analysis of business models and technical watch • Capacity in development and implementation of optimization algorithms and tools • Self-motivated, self-organized and independent;
Additional	<ul style="list-style-type: none"> • N/A

Work Relationship

Internal



External

Working in link with EDF R&D in France: mobility and grid program

Working in link with Chinese partners: CEPRI, Zhejiang-EPRI, Southern East University, Shenzhen BUS, etc.

Contact

Christine Zhang Christine.zhang@edf.fr

Other information about the job:	
Dept. Director:	EDF China Director:
Wenhui DU	Fabrice FOURCADE