



Press release

Consortium of EDF, Masdar and Green of Africa named as successful bidder for Morocco's landmark Noor Midelt I solar project with an installed capacity of 800 MW, a world first hybrid solar and storage technology

Paris, 22 May 2019 – The Moroccan Agency for Solar Energy (MASEN) has announced - after a competitive international bidding process - that the consortium of EDF (through its subsidiary EDF Renewables), Abu Dhabi Future Energy Company- Masdar, and Green of Africa, Moroccan Independent Power Producer, is the successful bidder for the design, construction, operation and maintenance of Noor Midelt I multi-technologies solar power plant.

With a capacity of 800 MW, this innovative hybrid solar project gathers concentrated solar power¹ (CSP) and photovoltaic (PV) technologies. The hybridization of these technologies is a world first.

The combined operation of photovoltaic and CSP technologies increases the plant's output to produce a flexible, dispatchable and competitive electricity for the Moroccan grid until five hours after sunset.

The plant will be located 20km north of the town of Midelt in central Morocco, in the high plains surrounding the Moulouya River and between the Middle and High Atlas Mountains. Construction on the project is expected to begin in the last quarter of 2019, while energy will be delivered to the grid in 2022.

“EDF Renewables, Masdar and Green of Africa would like to thank the Moroccan Agency for Sustainable Energy and the King of Morocco for having designated our consortium as the successful bidder to develop the innovative Noor Midelt I with an installed capacity of 800 MW hybrid concentrated solar power and photovoltaic power plant. The consortium is fully committed to supporting MASEN and the realization of Morocco's long-term renewable energy ambitions,” the consortium members said.

The project is a key milestone towards the achievement of Morocco's objective to have 52% of its electricity generation produced from renewable sources by 2030.

ABOUT EDF

A key player in energy transition, the EDF Group is an integrated electricity company, active in all areas of the business: generation, transmission, distribution, energy supply and trading, energy services. A global leader in low-carbon energies, the Group has developed a diversified generation mix based on nuclear power, hydropower, new renewable energies and thermal energy. The Group is involved in supplying energy and services to approximately 39.8 million customers, 29.7million of which are in France. It generated consolidated sales of €69 billion in 2018. EDF is listed on the Paris Stock Exchange

ABOUT EDF RENEWABLES (PREVIOUSLY EDF ENERGIES NOUVELLES)

EDF Renewables is a leading international player in renewable energies, with gross installed capacity of 13 GW worldwide. Its development is mainly focused on wind and solar photovoltaic power. EDF Renewables operates mostly in Europe and North America but is continuing to grow by moving into promising emerging regions such as Brazil, China, India, South Africa and the Middle East. The company has strong positions in offshore wind power, but also in other areas of the renewable energies industry such distributed energy and energy storage. EDF Renewables develops, builds, operates and maintains renewable energies projects, both for itself and for third parties. Most of its international subsidiaries bear the EDF Renewables brand. EDF Renewables is the EDF Group subsidiary specialising in developing solar and wind power.

For more information, visit: www.edf-renewables.com

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ABOUT MASDAR

Abu Dhabi's renewable energy company Masdar is advancing the commercialization and deployment of renewable energy, sustainable urban development and clean technologies to address global sustainability challenges. Wholly owned by Mubadala Investment Company, the strategic investment company of the Government of Abu Dhabi, our mandate is to help maintain the UAE's leadership in the global energy sector, while supporting the diversification of both its economy and energy sources for the benefit of future generations. Masdar's renewable energy projects are located in the UAE, Jordan, Mauritania, Egypt, Morocco, the UK, Serbia and Spain.

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ABOUT GOA

Green of Africa is an Independent Power Producer specialized in the development, financing, construction and operation of renewable energy projects. It is a joint venture between three Moroccan leading groups: (1) FinanceCom, a financial group operating in Morocco and Africa through majority participation in the business lines of the Bank, Insurance, Transport, Telecommunications and Services, (2) Akwa Group, a holding company that develops various commercial and industrial activities through its subsidiaries, notably in the areas of distribution of fuels, lubricants and gas, real estate and other strategic sectors, and (3) AMHAL, a holding company of diversified investments. While integrating its shareholders expertise in the field of finance, energy and industry, Green of Africa targets to respond to Africa's growing demand for green energy, particularly the ambitious Moroccan program that aims to increase its capacity of electricity production from renewable sources to 52% by 2030.

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Acteur majeur de la transition énergétique, le groupe EDF est un énergéticien intégré, présent sur l'ensemble des métiers : la production, le transport, la distribution, le négoce, la vente d'énergies et les services énergétiques. Leader des énergies bas carbone dans le monde, le Groupe a développé un mix de production diversifié basé sur l'énergie nucléaire, l'hydraulique, les énergies nouvelles renouvelables et le thermique. Le Groupe participe à la fourniture d'énergies et de services à environ 39,8 millions de clients(1), dont 29,7 millions en France. Il a réalisé en 2018 un chiffre d'affaires consolidé de 69 milliards d'euros. EDF est une entreprise cotée à la Bourse de Paris.

(1) Les clients sont décomptés fin 2018 par site de livraison ; un client peut avoir deux points de livraison : un pour l'électricité et un autre pour le gaz.

ⁱ Concentrated Solar Power (CSP) refers to the set of techniques that convert solar energy into heat to convert it into electrical energy with a motor thermodynamic cycle coupled with an electric generator (a turbine and a generator, for example) - ADEME.

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