

Energy transition in Sub Saharan Africa and Renewable energies



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Sub Saharan Africa is facing huge challenges to tackle its electrification's need: fast track deployment, low cost and low consumption solutions, sustainable for both rural and ultra-urban areas and of course low CO₂ emissions energy mix. With more than 600 millions of people with no access to electricity these challenges will not be achieved without disruptive schemes. Telecommunication sector, through the fast and spectacular spread of mobile phone in Africa has paved the way for a new era in the electricity sector. The decrease of costs in the solar panel industry allied with the development of competitive battery based solutions will also help the electricity sector in Africa to accelerate its energy transition. Today, many start-ups, mainly based in eastern Africa, are proposing digitalized, distributed, low cost solutions based on solar PV. It is our ambition to accompany some of them with our core values, such as proximity to our clients and respect to our people, and our forces, such as scale effect and innovative financing solutions. In parallel, of course Africa still needs large generation capacity to be built such as hydro power plants. For these assets, the main challenge for project developers is a clear and sustainable governance of the electricity sectors. Thanks to its experience, EDF, a leading energy Group, innovates in all the different fields (technical, financial, human) to address Africa's needs.

