

مشروع مجمع الأبيض للطاقة الشمسية

المصدر: كتيب (السودان الجديد) – وزارة اتعاون الدولي والإستثمار- 2021

Project Name	Elobied Solar Park (100MWp)	Cost (USD)	102MUSD	Type*	Solar PV Energy	Target Start Date	2021	Target End Date	2022
Project Description	<p>The 100MWp Elobied PV Solar park is proposed in the mid-Western part of Sudan around 10km south from the centre of Elobied city which is approximately 363km away from the capital Khartoum. The total area available for the plant (and future expansions) is nearly 400 hectares (4 square kilometres) flat area. Mainly proposed to incentivise the industrial high potential in the area.</p>								
Impact	<ul style="list-style-type: none"> ➤ Contributes to the gap bridging in electrical energy. ➤ Reduces overall cost of energy unit. ➤ Saves 46,200 ton/year of fuel. ➤ Reduces GHG by 78,918.84 tonCO₂/year. ➤ Increases electrification rate (about 40% now). ➤ Creates enabling environment for agricultural investment and agrarian transformation. ➤ Modernizes network industries to promote competitiveness, inclusive growth and to boost economic transformation. ➤ Promotes growth of small, micro and medium sized enterprises (SMES). ➤ Boosts job creation potential. 				<p>Unique Features</p>		<ul style="list-style-type: none"> ➤ High average of Direct Normal Irradiance in the area. ➤ Close proximity to grid connection. ➤ Wide flat areas of empty land. ➤ Feasibility study is ready. ➤ Huge agricultural and industrial resources in North Kordufan state and surrounding states. ➤ Project land officially allocated. ➤ Right of way granted to connection to grid. 		
Cost Impact	Fuel saving of 27.7MUSD/year				Sponsor(s)		Government of Sudan		