KEBBI STATE DISCLOSED PUBLIC-PRIVATE PARTNERSHIP PIPELINE PROJECTS 2023

S/N	SPONSORING MDA	CONTRIBUTING MDA	PROJECT	SECTOR	ESTIMATED PROJECT COST	PROJECT STATUS
1.	Kebbi State Investment Promotion Agency	Ministry of Physical Planning Ministry of Justice Ministry of Lands and housing	Investment in 1KW captive Renewable Energy	Energy	₦100,000,000.00	Feasibility
2.	Kebbi State Investment Promotion Agency	Ministry of Transport Ministry of Lands Ministry of Justice Ministry of Finance	Provision of Railway Infrastructure from Minna (Niger State) to Birnin Kebbi (Kebbi State)	Transport	$400,000.00	Feasibility

Signed
DR. MUHAMMAD KABIR KAMBA
DIRECTOR-GENERAL
December 8, 2023

PROJECT CLIMATE SCREENING ASSESSMENT REPORT

Project Name: Kebbi 1MW Captive Renewable Energy Project

Sector: Energy

Project Cost: One Hundred Million Naira

Location: Birnin Kebbi, Kebbi State

S/N	ASSESSMENT DOMAIN	REMARKS
1.	Primary purpose of the project	The 1MW captive renewal energy project aims to demonstrate the ability of large-scale solar power to improve the electricity supply and stability of the national grid, and substitute for planned fossil-fuel and hydropower generation in the future
2.	Alignment with the country's national climate-change mitigation and adaptation targets	This project aligns with Nigeria's Climate Action Plan (NCCP, 2021) with a view to achieving low Green House Gas (GHG) emissions by incorporating climate change actions in its implementation. The project is expected to contribute to the Nationally Determined Contribution of Nigeria in that it will play a role in the decarbonization efforts of Nigeria. The project aligns with Nigeria's target of net-zero GHG attainment between 2050 and 2070.
3.	Contribution to Greenhouse Gas (GHG) emissions	Emission that would occur from operating and maintenance activities of the project is expected to be negligible. On the other hand, it is expected that there will be indirect emissions from the construction phase - about 120 tons CO2 - with most emissions being associated with the upstream production of construction materials and the purchasing of the PV panels. Solar energy presents the basic environmental benefit of the displacement, or the avoidance of emissions associated with conventional electricity generation
4.	Mitigation features that contribute to the transition towards a net-zero future	The project will have a positive impact on climate change. However, there are a few adaptive measures to be taken to improve the operation's resilience to climate change impacts such as water supply, diesel supply, transport and storage of goods and broader social and environmental contexts of the project. Adaptation measures considered for the operation's future include:

		i. Design water retention pond for controlled inflow and overflow and use for operation and maintenance such as the washing of solar PV panels ii. Planting of at least 200 trees to replace trees that may be cut during land preparation iii. Consideration for solar modules with a higher temperature coefficient to mitigate lower cell efficiency and energy output arising from an increase in the number of very hot, uncomfortable days over the next century iv. Although heavy rainfall days are not projected to increase significantly, they should nevertheless be considered. Early warning systems including doppler radar storm warning systems can assist in alerting operations personnel to impending storms in order to evacuate staff from at-risk areas

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