



**KWARA STATE PROJECT CLIMATESCREENING
ASSESSMENT REPORT: PPP PROJECT PIPELINE**

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Project Name: Lafiagi- Grain Storage Facility Location: Lafiagi-Kwara Sector: Industrial Value: NGN227649132 US\$413907 Supervising/Implementing Ministry: Ministry of Agriculture		
S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	<ul style="list-style-type: none"> • Providing a secure storage facility for grains ensures food security by preventing spoilage and loss due to pests, weather, or other environmental factors. • Facilitating farmers in storing their produce encourages agricultural development by providing them with a reliable means to preserve and sell their crops when market conditions are favorable. • To provide a well-functioning storage facility can contribute to economic growth by stabilizing food prices, reducing post-harvest losses, and creating employment opportunities in the management and operation of the facility. • Infrastructure Improvement: Investing in storage infrastructure enhances the overall agricultural infrastructure of the region, which can attract further investment and contribute to the overall development of the area. • Supply Chain Efficiency: Efficient storage facilities improve the efficiency of the grain supply chain by reducing transportation bottlenecks and ensuring a steady and reliable flow of grains to markets and consumers. • Risk Mitigation: The facility might also serve as a risk mitigation measure against factors such as droughts, floods, or other natural disasters that could affect crop yields, by providing a buffer stock of grains for emergency situations. • To expand the state economic base • To create export opportunities for the state

2.	Alignment with the country's national climate-change mitigation and adaptations targets	The Federal Ministry of Agriculture and Rural Development, in collaboration with the Kwara State Ministry of Agriculture, oversaw the project to ensure alignment with the State's climate mitigation and flood management policies. This involved revising and adapting standards and guidelines to contribute to Nigeria's national target of reducing greenhouse gas emissions by 60% below "business as usual" by 2030, as outlined in the Nigeria National Determined Contribution of 2021 and the National Climate Change Policy of 2021. The project encompasses Providing a secure storage facility for grains ensures food security by preventing spoilage and loss due to pests, weather, or other environmental factors in Kwara State and enhancing the food value chain to foster economic development.
3.	Contribution to Green House as (GHG) emission	Contribution to GHG emission is negative because project shall result to the expansion of the existing rubber plantations in the State which shall ultimately

		increase carbon sequestration thereby reducing the carbon footprint of the State.
4	Contribution to Nigeria's resilient development pathway	The project's focus on climate mitigation and adaptation aligns with Nigeria's resilient development pathway by bolstering agricultural resilience against climate change impacts and enhancing food security. Through sustainable practices and infrastructure improvements, it seeks to build a more resilient agricultural sector capable of withstanding future climate challenges.
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	The project integrates renewable energy sources and energy-efficient infrastructure to minimize carbon emissions. Sustainable agriculture practices and emission reduction technologies are employed to mitigate greenhouse gas emissions associated with grain production and storage. Optimization of transportation routes further reduces the project's carbon footprint, facilitating the transition to a net-zero carbon emission future.
Project Name: Rehabilitation and Concession of the Western Eastern Railines Location: Kwara State Sector: Development Value: ₦225927 US\$137816 Supervising/Implementing Ministry: Ministry of Power and Water Resources		
S/N	Assessment Domain	Remarks
1.	Purpose of the project	The purpose of the project is to rehabilitate and concession the Western and Eastern rail lines, aiming to modernize and improve the efficiency, safety, and capacity of Nigeria's railway infrastructure. This initiative seeks to enhance transportation connectivity, stimulate economic growth, and facilitate trade and movement of goods and people across regions.
2.	Alignment with the country's national climate-change mitigation and adaptations targets	This project aligns with Nigeria's National Climate Change Policy (NCCP) 2021. This is because the project shall lead to the reduction of GHGs emissions, by reducing GHG E by 50% , promotion of sustainable development and enhancements of resilience to climate change impacts. The rehabilitation and concession of the Western and Eastern rail lines align with Nigeria's national climate-change mitigation targets by promoting more sustainable modes of transportation, which can reduce greenhouse gas emissions. By

		upgrading rail infrastructure, the project supports efforts to mitigate the carbon footprint of transportation while also enhancing resilience to climate change impacts, such as extreme weather events, by providing a reliable and resilient transportation network. This alignment contributes to Nigeria's broader strategy for sustainable development and climate resilience.
3.	Contribution to Green House Gas (GHG) emission	The project has a zero-carbon emission because it is designed to produce power using renewable resources, in this case hydro. It is envisaged that the project shall lead to reduction in the dependency on fossil fuel thereby reducing carbon Emission by 50%
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	8The project incorporates mitigation features aimed at transitioning towards a net-zero carbon emission future, including the integration of renewable energy sources for rail operations, implementation of energy-efficient technologies and practices in rail infrastructure, and adoption of low-carbon materials and construction methods. Additionally, the project focuses on modal shift to rail transport, reducing reliance on carbon-intensive modes of transportation, and implementing carbon offset initiatives such as reforestation or carbon capture technologies to further mitigate emissions along the rail corridor
Project Name: Construction of 3 (Their) New College Campuses for the Kwara State Univeristy. Location: Ilorin Sector: Education Value: ₦5billion		

Supervising/Implementing Ministry: Kwara State Ministry of Tertiary Education		
S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	The purpose of the project involves constructing three new college campuses for Kwara State University in Ilorin. These campuses aim to accommodate the growing student population and expand the university's academic offerings, fostering higher education accessibility and quality in the region. Additionally, the project seeks to stimulate economic development and enhance educational infrastructure, contributing to the overall advancement of Kwara State's educational sector and socio-economic growth.
2.	Alignment with the country's national climate-change mitigation and adaptations targets	The National Climate Change Policy (NCCP) 2021 emphasizes the reduction of GHGs emissions, promotion of sustainable development and enhancements of resilience to climate change impacts. This project aligns with this policy because, as an early warning system, it will enhance the capacity of the State to generate quality data for predicting climate change impacts so that appropriate adaptations measures can be employed.
3.	Contribution to Green House Gas (GHG) emission	To achieve a 50% reduction in greenhouse gas emissions, the construction of the new college campuses prioritized energy-efficient design and the use of sustainable building materials. Integrated renewable energy sources such as solar panels or wind turbines can further offset carbon emissions associated with energy consumption. Implementation of low-carbon transportation options and waste management programs can also contribute to emission reduction targets. Additionally, the project incorporated green spaces and tree planting initiatives within the campuses can enhance carbon sequestration, helping to achieve the desired reduction in greenhouse gas emissions.
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	The project has inbuilt climate change mitigation measures including the use of solar power as energy source rather than reliance on traditional energy supply sources, implementing energy-efficient building designs and technologies, promoting sustainable transportation options such as biking or electric vehicles, and adopting carbon offset initiatives such as tree planting and green space development. These measures collectively reduce carbon emissions associated with campus operations and promote a sustainable, low-carbon environment conducive to achieving net-zero carbon emissions.

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