



**IMO STATE PROJECT CLIMATE  
SCREENING ASSESSMENT  
REPORT: PPP PROJECT PIPELINE**

## PROJECT CLIMATE SCREENING ASSESSMENT REPORT: PPP PROJECT PIPELINE

<b>Project Name:</b> Installation of Virtual Pipeline for CNG <b>Location:</b> <b>Sector:</b> Oil and Gas <b>Value:</b> <b>Supervising/Implementing Ministry:</b> Ministry of Petroleum		
S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	
2.	Alignment with the country's national climate-change mitigation and adaptations targets	
3.	Contribution to Green House Gas (GHG) emission	
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	
<b>Project Name:</b> Imo State Rubber Estate Project Financing by Capital Markets, Europe/Grace Bridge Company <b>Location:</b> <b>Sector:</b> Agriculture <b>Value:</b> €10 Billion <b>Supervising/Implementing Ministry:</b> Ministry of Petroleum		
S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	<ul style="list-style-type: none"> <li>To create employment opportunities</li> <li>To expand the state economic base</li> <li>To create export opportunities for the state</li> </ul>
2.	Alignment with the country's national climate-change mitigation and adaptations targets	<p>The State Ministry of Environment in collaboration with the State Ministry of Works provided oversight to ensure the project aligns with the States climate mitigation strategy and flood management policy to revise and adapt standards and guidelines and contribute to the national target of reducing GHG emissions by 20% below "business as usual" by 20230 – (Nigeria National Determined Contribution, 2021) and the National Climate Change Policy (NCCP) 2021. The project will include the maintenance and expansion of the rubber estates in Imo State and improvement in the rubber value chain for economic development.</p>
3.	Contribution to Green House as (GHG) emission	<p>Contribution to GHG emission is negative because project shall result to the expansion of the existing rubber plantations in the State which shall ultimately</p>

		increase carbon sequestration thereby reducing the carbon footprint of the State.
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	The project by its very nature is mitigative. Features have built in to ensure minimal damage to the ecosystem and ecologically sensitive/fragile ecosystems. The project shall result in a net increase in the size of the rubber estates thereby increasing their carbon sink potential leading to a negative carbon emission regime.
<b>Project Name:</b> Construction of 3 Nos. Dams in the 3 Zones of the State for Small Hydro Power Plants (SHPP) for Water Supply and Agriculture. <b>Location:</b> One in each of the 3 Senatorial Zone of the State <b>Sector:</b> Power and Water Resources <b>Value:</b> ₦500M <b>Supervising/Implementing Ministry:</b> Ministry of Power and Water Resources		
S/N	Assessment Domain	Remarks
1.	Purpose of the project	<ul style="list-style-type: none"> <li>To improve electricity supply.</li> <li>To enhance irrigation for Agricultural activities and improve food security.</li> </ul>
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, promotion of sustainable development and enhancements of resilience to climate change impacts.
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.
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	Care has been taken in the project conceptualization to ensure compliance environmentally sustainable best practices. Therefore, the project is designed to and transient impacts on both the terrestrial and aquatic ecosystems in such a way as not to impair their capacity to act as carbon sinks.
<b>Project Name:</b> Installation of Metrological Station at the State Secretariat <b>Location:</b> Imo State Secretariat Complex <b>Sector:</b> Climatology <b>Value:</b> ₦18.150M		

Supervising/Implementing Ministry: Ministry of Power and Water Resources		
S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	<ul style="list-style-type: none"> <li>To enhance weather forecast</li> </ul>
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	It has zero GHG emission potential.
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.
<b>Project Name:</b> Gas to Power Project, Construction of Pipeline to Industrial Park and Development of Feasibility/Business <b>Development</b> <b>Location:</b> <b>Sector:</b> Industrial <b>Value:</b> ₦2B <b>Supervising/Implementing Ministry:</b> Ministry of Power and Water Resources		
S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	<ul style="list-style-type: none"> <li>To improve electricity supply to the state.</li> <li>To improve gas utilization as an alternative source of energy.</li> </ul>
2.	Alignment with the country's national climate-change mitigation and adaptations targets	<p>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, promotion of sustainable development and enhancements of resilience to climate change impacts.</p> <p>It also aligns to the gas utilization enhancement policy of the Federal Government of Nigeria. The project entails improvement in gas utilization for industrial processes.</p>
3.	Contribution to Green House Gas (GHG) emission	The project shall result to very low GHGs emission and has the potential of reducing the National carbon footprint as more industrial setups transit to gas as energy source rather than the traditional fossil fuel.

4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	<p>The project is designed to incorporate climate change mitigation measures including leveraging the use of renewable waste material and a mix of mechanical and electrical machineries to manage the degree of emission during construction.</p> <p>Also, provision has been made for the replacement of trees that may be removed during project construction in the ratio of 1:4 in line with the Tree Planting Edict of 1985 operational in the State. This shall ensure increase in the carbon sink capacity of the State towards achieving SDG 13 and creating a sustainable carbon neutral environment by 2050.</p>
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**Project Name:** Completion of Multilayer Car Parking Lots at 2 Points in Owerri Capital City.

**Location:** Owerri Metropolis

**Sector:** Transport

**Value:** ₦40M

**Supervising/Implementing Ministry:** Ministry of Special Projects

S/N	Assessment Domain	Remarks
1.	Primary purpose of the project	<ul style="list-style-type: none"> <li>To reduce road congestion</li> <li>To improve road sanitation</li> </ul>
2.	Alignment with the country's national climate-change mitigation and adaptations targets	<p>The State Ministry of Environment in collaboration with the State Ministry of Works provided oversight to ensure the project aligns with the States climate mitigation strategy and flood management policy to revise and adapt standards and guidelines for transport infrastructure construction, maintenance and exploitation under different climatic scenarios, and contribute to improve environmental performance of the transport sector in accordance with the national target of reducing GHG emissions by 20% below "business as usual" by 2030 – (Nigeria National Determined Contribution, 2021) and the National Climate Change Policy (NCCP) 2021.</p> <p>The project entails the construction of multilayer car parking lots in other to encourage the use of mass transit systems, carpooling and reduce vehicular traffic.</p>
3.	Contribution to Green House Gas (GHG) emission	The project shall ultimately help to reduce GHGs emission by encouraging carpooling and increased use of mass transit systems. By the use of appropriate

		regulatory instruments, vehicular traffic shall be reduced especially along targeted routes thereby reducing vehicular emissions.
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	The project is designed to incorporate climate change mitigation measures including leveraging the use of renewable waste material and a mix of mechanical and electrical machineries to manage the degree of emission during construction.
<b>Project Name:</b> Oguta Lake Wharf/Sea Port <b>Location:</b> Oguta <b>Sector:</b> Blue Economy <b>Value:</b> ₦48B <b>Supervising/Implementing Ministry:</b> Ministry of Special Projects		
1.	Primary purpose of the project	<ul style="list-style-type: none"> <li>To increase economic activities in the State</li> <li>To enhance water transportation</li> </ul>
2.	Alignment with the country's national climate-change mitigation and adaptations targets	
3.	Contribution to Green House as (GHG) emission	
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	
<b>Project Name:</b> 20,000 BLPD Modular Refinery <b>Location:</b> <b>Sector:</b> Oil and Gas <b>Value:</b> ₦32B <b>Supervising/Implementing Ministry:</b> Ministry of Special Projects		
1.	Primary purpose of the project	To create employment opportunities and improve economic activities in Imo state
2.	Alignment with the country's national climate-change mitigation and adaptations targets	
3.	Contribution to Green House Gas (GHG) emission	
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	

<b>Project Name:</b> Dredging of Njaba and Otammiri Rivers 25km and 16km Respectively. <b>Location:</b> Njaba and Otammiri Rivers Corridors. <b>Sector:</b> Transport <b>Value:</b> N10B		
1.	Primary purpose of the project	<ul style="list-style-type: none"> <li>To Clear &amp; Enlarge the waterways in order to accommodate influx of storm water so that the river does not overflow its banks and constitute nuisance to its surroundings</li> <li>To enhance aquatic habitation, and aid agricultural activities,</li> <li>To improve security surveillance</li> </ul>
2.	Alignment with the country's national climate-change mitigation and adaptations targets	<p>The State Ministry of Environment in collaboration with the State Ministry of Works and Transport shall provide oversight to ensure the project aligns with the national climate-change mitigation and adaptations strategy and to revise and adapt standards and guidelines for transport infrastructure construction, maintenance and exploitation under different climatic scenarios, and contribute to improve environmental performance of the transport sector in accordance with the National Climate Change Policy (NCCP) 2021.</p> <p>The project will include the embankments, platforms and bulk storage facilities.</p>
3.	Contribution to Green House Gas (GHG) emission	The project will yield very low GHG emission.
4.	Mitigation features that contribute to the transition to a net-zero carbon emission feature	While the project will contribute to increase in vessel, vehicular and machine operations and emissions, the adoption of energy efficient systems and renewable energy sources will be reduced emissions to the barest minimum



