PROJECT CLIMATE SCREENING ASSESSMENT REPORT		
Project Name: Statewide Rail Master Plan Partnering Company: CPCS Transcom Limited Location: Anambra State Sector: Transportation Value: US$500,000		
S/N	ASSESSMENT DOMAIN	REMARKS
1	Primary Purpose of the project	Development of a statewide rail masterplan in Anambra State
2	Alignment with the country's national climate-change mitigation and adaptation targets	The Anambra State Ministry of Transportation, in collaboration with the State Ministry of Environment, has overseen the development of the statewide rail masterplan to ensure alignment with the national climate-change mitigation and adaptation targets. The project is in accordance with Nigeria's Climate Action Plan (NCCP, 2021), aiming to reduce the carbon footprint of transportation and enhance resilience against climate impacts. The rail masterplan incorporates climate-resilient design principles, focusing on reducing reliance on fossil fuel-based transportation, minimizing land-use changes, and integrating low-carbon technologies to enhance the efficiency and sustainability of the state's transportation system. This initiative supports the country's efforts to achieve sustainable and climate-resilient infrastructure, in line with the National Climate Change Policy objectives.
3	Contribution to Greenhouse Gas (GHG) emissions	The implementation of the statewide rail masterplan in Anambra State is anticipated to have a positive impact on reducing overall GHG emissions. While the construction phase might initially contribute to emissions due to machinery usage and material production, the long-term effect is aimed at significantly mitigating GHG emissions. The project seeks to reduce reliance on carbon-intensive transportation modes, such as road vehicles, thereby decreasing emissions associated with vehicular traffic. By promoting rail-based transportation, the project aims to curtail the use of fossil fuels, leading to a substantial reduction in CO2 emissions and other pollutants generated by conventional road transport systems. The shift towards rail transport aligns with the national target of reducing GHG emissions by 20% below "business as usual" by 2030, as outlined in Nigeria's National Determined Contribution.
4	Mitigation features that contribute to the transition towards a net-zero future	The statewide rail masterplan incorporates various mitigation features essential for transitioning towards a net-zero future. These include the use of sustainable materials in rail construction, adoption of energy-efficient rail systems, and the integration of renewable energy sources for powering trains. Additionally, the project emphasizes the preservation of natural habitats, minimizing environmental disruptions, and promoting transit-oriented development to reduce reliance on individual vehicles. Furthermore, the plan includes provisions for reforestation initiatives and the creation of green spaces around rail stations to act as carbon sinks, aligning with the State's commitment to planting 1 million trees and fostering a carbon-

		neutral environment by 2050. Overall, the rail masterplan is poised to facilitate a sustainable and low-carbon transportation system, contributing significantly to Anambra State's journey towards a net-zero carbon future.
For more information, please refer to invest.anambrastate.gov.ng