



## Case Study

Catalysing Nigeria's Energy Transition:

AUKTIE's Strategic Role in Decarbonising Infrastructure and Unlocking Climate Finance

### Executive Summary

As Nigeria advances its Net Zero 2060 commitment and implements its Energy Transition Plan (ETP), AUKTIE (A UK Trade and Infrastructure Enterprise Limited) is playing a catalytic role in enabling national decarbonisation. This case study highlights AUKTIE's strategy, project contributions, and stakeholder engagements that are shaping Nigeria's climate-resilient future—particularly through innovative infrastructure, capacity-building, and green finance advisory.

### Background: Nigeria's Net Zero Ambitions

Nigeria's Energy Transition Plan (ETP) sets an ambitious pathway toward achieving Net Zero emissions by 2060. With key emissions sources including power generation, transport, industry, and buildings, the country's success depends on rapid integration of renewable energy, strengthening climate finance, and fostering innovation. Nationally Determined Contributions (NDCs), clean cooking targets, and renewable integration into the national grid reflect Nigeria's bold climate agenda.

### AUKTIE's Strategic Intervention

AUKTIE brings 25+ years of experience in project advisory, sustainable infrastructure, and decarbonisation strategy. Its targeted interventions include:

- Development of low-carbon and modular infrastructure models
- Renewable energy integration (solar, waste-to-energy)
- ESG-aligned consulting for institutions and governments
- PRINCE2 and green economy capacity-building for national workforce
- Climate finance strategy and feasibility advisory for public-private investment

### Flagship Contributions

AUKTIE's core projects and tools supporting Nigeria's transition include:

- Modular floating pontoon docks and energy hubs for waterway decarbonisation
- Bio-solar power systems tailored for rural and semi-urban resilience
- Stakeholder engagement and ESG training programmes
- The publication of **The Green Billionaire** as a national and regional blueprint for

sustainable wealth

- Consultancy engagements with LASWA, NIWA, and NIMR to scale institutional readiness

### **Stakeholder Engagement**

AUKTIE's approach is rooted in collaboration. Through active partnerships with government agencies (e.g. Ministry of Environment, FIRS), donor organisations, and development banks, AUKTIE is shaping conversations around climate finance access, local implementation, and results-based decarbonisation planning. Its upcoming participation in the Decarbonisation Infrastructure Summit (July 2, State House Abuja) solidifies its role as a national thought leader and implementation partner.

### **Strategic Outcomes & Future Direction**

- Demonstrated capacity for deploying modular green infrastructure
- Influenced ESG governance and financing strategies for public agencies
- Published a sector-defining book aligned with Nigeria's climate needs
- Developing frameworks for pilot projects in green logistics, bioenergy, and water transport
- Exploring partnerships for national capacity-building and green job creation

### **Lessons & Recommendations**

- Cross-sector collaboration is key to implementing decarbonisation at scale
- Localised, modular infrastructure supports immediate and long-term energy access
- Climate finance must be tied to measurable ESG outcomes and community benefit
- Upskilling Nigeria's workforce is critical to sustaining a just energy transition
- Institutions must integrate climate goals into procurement, planning, and governance