
ENGINEERING FOUNDATIONS FOR PROGRESS

Piling / Marine Works / Shoreline Protection

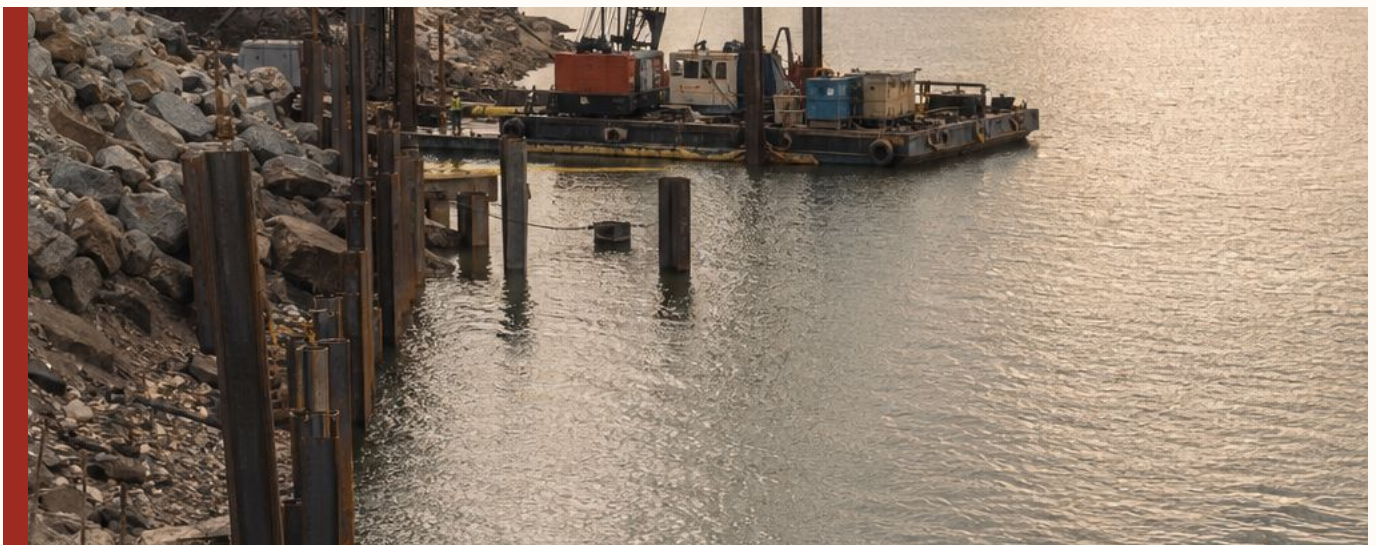
BUILDING WHERE GROUND, WATER AND AMBITION MEET.

BIOYOQ Engineering delivers piling, foundation and marine-engineering solutions for demanding infrastructure environments.

Our work is shaped by disciplined planning, practical site knowledge and an unwavering focus on durable execution.

3

CORE ENGINEERING
CAPABILITIES



MARINE FOUNDATION WORKS / DEMONSTRATION IMAGE

ENGINEERING WITH PURPOSE. EXECUTION WITH DISCIPLINE.

BIOYOQ Engineering is an engineering-services company focused on piling, foundation systems, marine works and shoreline protection.

The company supports infrastructure development through practical engineering coordination, site-responsive delivery and solutions selected for the conditions in which they must perform.

“Every project begins with a clear understanding of the ground, the environment and the responsibility attached to what is being built.”

CORE FOCUS

01

**PILING &
FOUNDATIONS**

02

**MARINE
ENGINEERING**

03

**SHORELINE
PROTECTION**

PRESIDENT

ENGINEERING LEADERSHIP WITH A LONG VIEW.



OLAMILEKAN ROBERT, D.Eng

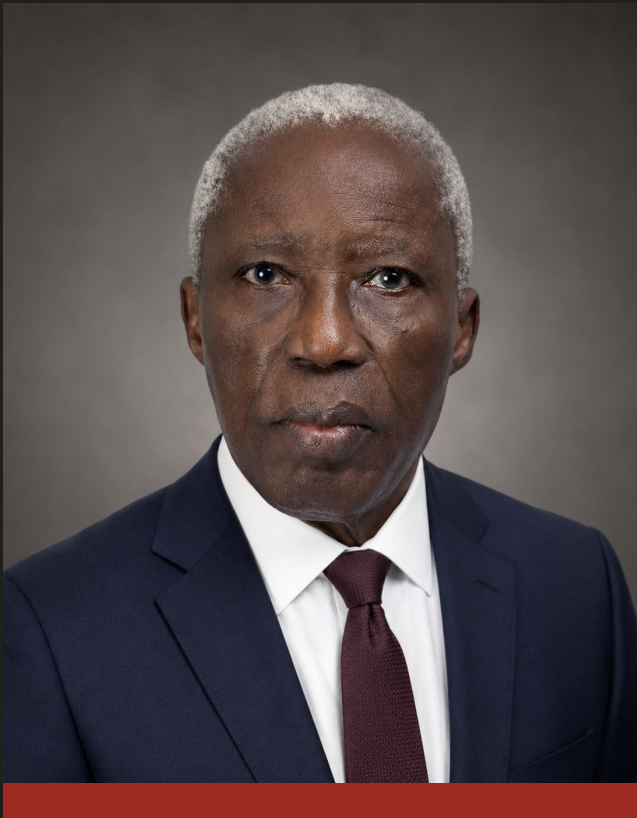
President, BIOYOQ Engineering Group

A civil engineer and foundation specialist, Olamilekan Robert leads BIOYOQ Engineering Group with an academic background spanning civil, structural, advanced civil, mechatronics and geotechnical engineering.

His leadership is focused on strengthening the group's technical capability across reclamation, dredging, piling, offshore protection and equipment fabrication.

"Our purpose is to create the land, protection systems and foundations that make progress possible."

STRATEGIC DIRECTION. DISCIPLINED GOVERNANCE.



DR. AYODEJI ADENIJI

Managing Director

Senior business executive supporting corporate management and strategic delivery. Previously served as a director at Taste Fried Chicken.



DR. BABASHOLA OLUWASEUN

Director

Real estate entrepreneur, investment strategist and corporate leader with experience in land acquisition, infrastructure development, project finance and stakeholder engagement.

EXPERIENCE CLOSE TO THE WORK.



**OGHENEMUERO
GORDON**

Director, Marine Works

B.Sc. in Geology and a master's degree in Information and Communications Engineering. Reports 22 years of dredging experience in China and Nigeria.



LUO JIANHUA

Director, Reclamation & Dredging

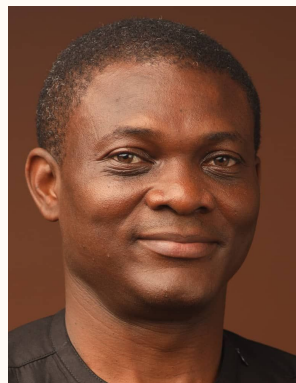
Diploma in Metallurgical Engineering. Reports 45 years of experience in marine-equipment fabrication and dredging.



ZHANG XIANMING

Deputy Director, Reclamation and Dredging

Diploma in Mining from China with 40 years of mining experience across China and Nigeria.



MUSTAPHA TAOFIKI

Director, Operations

COREN-licensed engineering practitioner with more than 23 years of experience in civil engineering, road infrastructure and shoreline-protection construction.

OUR DIRECTION

PURPOSE THAT GUIDES THE WORK.

01

VISION

To contribute to resilient infrastructure through dependable engineering solutions.

02

MISSION

To plan and execute piling, foundation and marine works with discipline, responsiveness and respect for project conditions.

03

VALUES

Integrity in representation. Practical thinking.
Responsible execution. Enduring value.

CORE ENGINEERING CAPABILITIES

Integrated support across ground, water and shoreline conditions.

01

PILING & FOUNDATIONS

Foundation systems and piling activities aligned to documented site and structural requirements.

02

MARINE ENGINEERING

Marine and waterfront works coordinated around access, environmental and construction constraints.

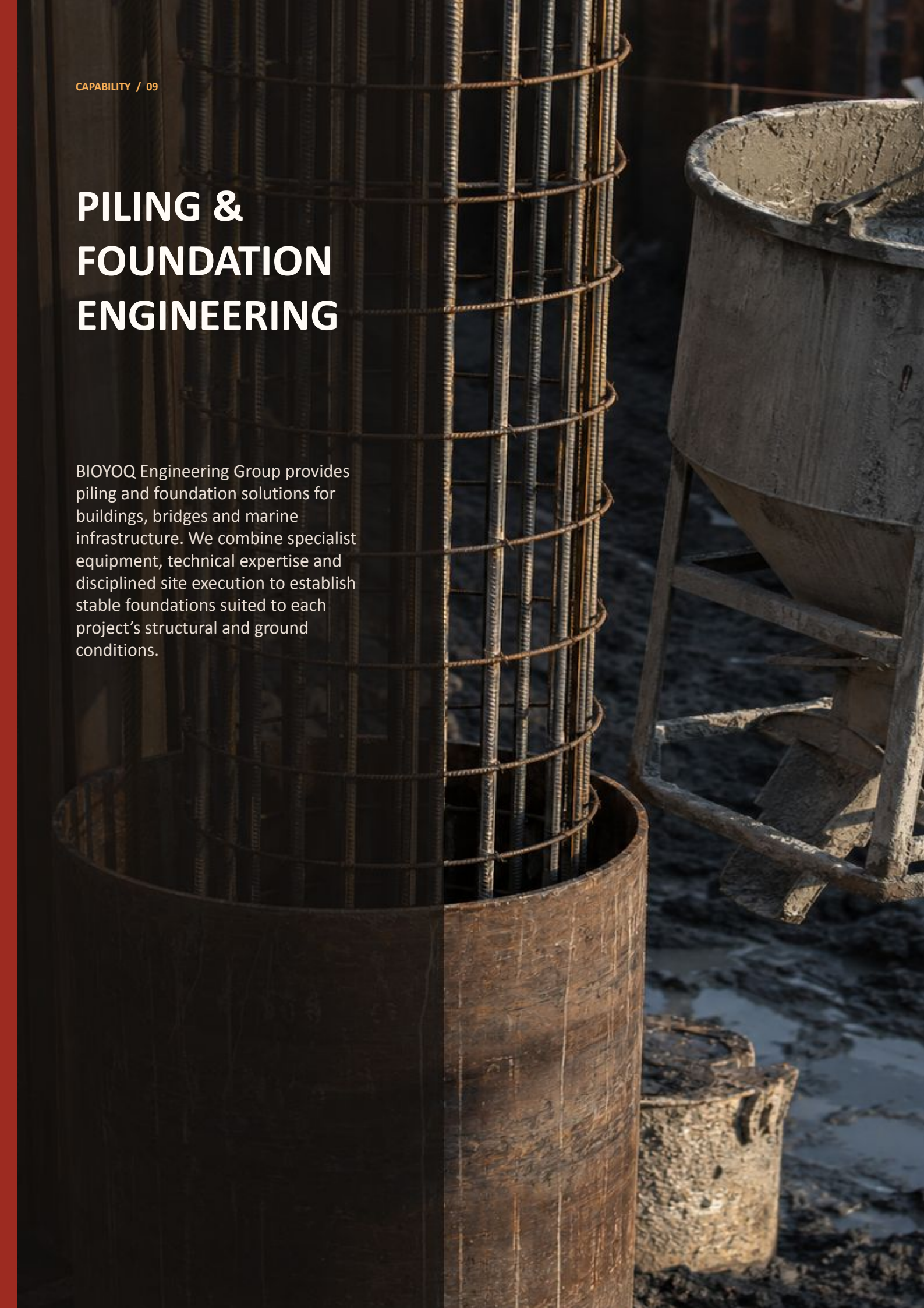
03

SHORELINE PROTECTION

Protection works intended to support shoreline stability and reduce exposure to erosion-related impact.

PILING & FOUNDATION ENGINEERING

BIOYOO Engineering Group provides piling and foundation solutions for buildings, bridges and marine infrastructure. We combine specialist equipment, technical expertise and disciplined site execution to establish stable foundations suited to each project's structural and ground conditions.



ENGINEERING AT THE WATER'S EDGE.



At BIOYOQ Engineering Group, we deliver marine construction and shoreline-protection solutions across challenging waterfront environments. Our capabilities support dredging operations, offshore works, coastal protection and other water-based infrastructure projects.



CAPABILITY / RECLAMATION & DREDGING / 11

MATERIAL MOVEMENT. WATER-BASED SUPPORT.



BIOYOQ Engineering Group delivers dredging and land-reclamation services supported by an in-house fabricated fleet of sand-carrying vessels. Our integrated equipment, fabrication and deployment capabilities enable efficient material movement, flexible project mobilisation and reliable execution across Lagos waterways and other project locations.



DREDGING & RECLAMATION / 12

SAND RECOVERY ALONG LAGOS LAGOON



BIOYOQ conducts dredging operations along the Lagos Lagoon coast in areas where sand-search investigations indicate suitable deposits of clean sharp sand. The operating method combines dredging, water transportation and controlled discharge to support reclamation, filling and construction requirements.



SAND TRANSPORT & FILLING / 13

FROM WATERWAY TO PREPARED GROUND



Sharp sand is supplied from BIOYOQ's Ijede-Ikorodu depot to customers across the Lagos mainland, excluding Badagry and the inner Alimosho axis. Working with its partners, BIOYOQ supports public supply and project delivery, including pumping, spreading, compaction and the transition into infrastructure construction after compaction.

PUMPING / SPREADING / COMPACTION / SITE PREPARATION



FLEET & DEPLOYMENT / 14

OVER SEVEN TRANSPORT VESSELS



BIOYOQ deploys a Chinese dredging method supported by sand-transport vessels. The fleet includes more than seven transport boats, each with an approximate carrying capacity of 250–300 cubic metres per trip. Vessel deployment can be adjusted to suit project volume, access and programme requirements.

250–300 M³ PER VESSEL / MORE THAN SEVEN TRANSPORT BOATS



IJEDE OPERATIONS / 15

SAND DUMP AND FABRICATION IN ONE HUB

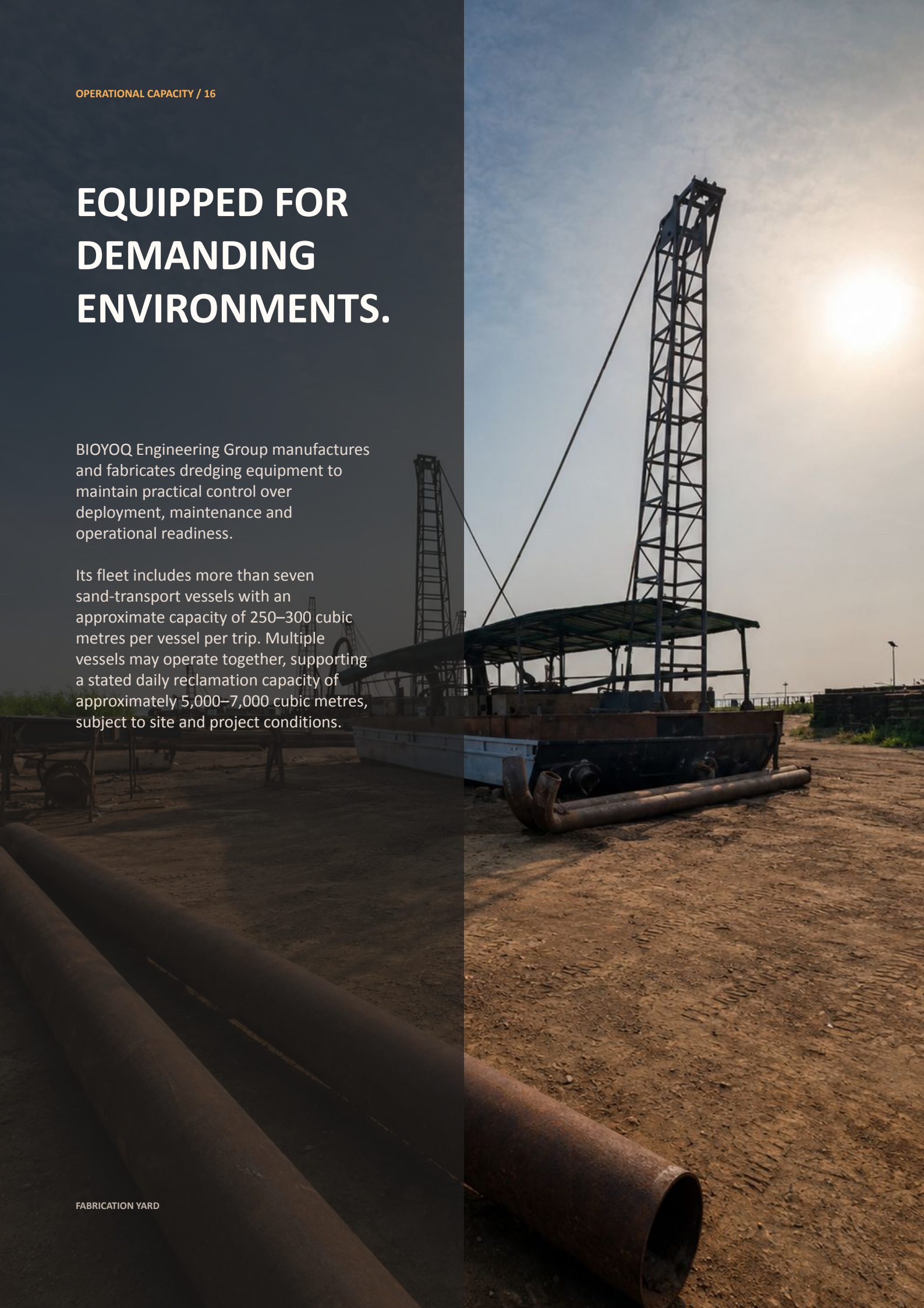


The Ijede-Ikorodu operation combines sharp-sand dredging, stockpiling and public sales with active marine fabrication. Supplied photography documents BIOYOQ and BIOYOQ-DFYDN engineers supervising cutting, welding, structural assembly and inspection at our fabrication yard at Majindun-Ikorodu.

EQUIPPED FOR DEMANDING ENVIRONMENTS.

BIOYOQ Engineering Group manufactures and fabricates dredging equipment to maintain practical control over deployment, maintenance and operational readiness.

Its fleet includes more than seven sand-transport vessels with an approximate capacity of 250–300 cubic metres per vessel per trip. Multiple vessels may operate together, supporting a stated daily reclamation capacity of approximately 5,000–7,000 cubic metres, subject to site and project conditions.





RECLAMATION PORTFOLIO / 17

PROJECT SCALE ACROSS LAGOS



BIOYOQ's supplied portfolio references Orange Island, Metro Smart City, Pinnock Estate Extension and the ongoing CCECC Makoko Reclamation. Orange Island's overall development involved about 4 million cubic metres of dredging, while Metro Smart City's overall project capacity is about 10 million cubic metres. These figures describe the wider developments, not BIOYOQ's individual scope. At Makoko, BIOYOQ's stated activities cover dredging, sand transportation, pumping, spreading and compaction.



PROJECT FOCUS / PORT HARCOURT / 18

BRIDGE PILING FOR COMMUNITY CONNECTIVITY

The BIOYOQ Piling Department and Offshore Protection Team have executed piling and offshore-protection projects across Nigeria, applying durable marine and foundation-engineering solutions.

In Port Harcourt, bridge piling works supported a vital community connection—improving accessibility, strengthening connectivity and creating renewed potential for local economic development.



PROJECT FOCUS / ORANGE ISLAND / 19

CONTRIBUTING TO 150 HECTARES OF RECLAIMED LAND

Orange Island forms part of Lagos's wider development drive. BIOYOQ Engineering Group was one of several dredging companies that contributed to the reclamation of approximately 150 hectares of new land from the ocean.

The project reflects BIOYOQ's experience supporting large-scale reclamation works in a complex coastal environment alongside multiple project participants.



PROJECT FOCUS / TRINITY TOWER / 20

PILE FOUNDATIONS FOR A LAGOS HIGH-RISE

The old corporate profile documents BIOYOQ Engineering's role as a subcontractor on pile-foundation works for a high-rise development in Victoria Island, Lagos.

The development is described as a concrete tower of more than 12 floors, covering approximately 13,000 square metres.



PROJECT FOCUS / EBONYI INFRASTRUCTURE / 21

INFRASTRUCTURE DEVELOPMENT IN EBONYI STATE

BIOYOQ Engineering's earlier portfolio records participation in major public-infrastructure works in Ebonyi State.

The documented scope includes works connected with a state-house complex, flyover structures and supporting infrastructure intended to strengthen access and public-service delivery.



PROJECT FOCUS / ABAKALIKI AIRPORT RUNWAY / 22

RIGID-PAVEMENT RUNWAY AT ABAKALIKI AIRPORT

The old profile records BIOYOQ Engineering's subcontractor contribution to rigid-pavement construction for the runway at Abakaliki Airport in Ebonyi State.

The concrete works formed part of the airport infrastructure developed to support regional air connectivity.



PROJECT FOCUS / BORNO FLYOVER / 23

1.5 KM FLYOVER CONSTRUCTION IN BORNO STATE

BIOYOO Engineering's earlier portfolio documents a subcontractor role in the construction of a 1.5-kilometre flyover in Borno State, North-East Nigeria.

The project was developed to improve connections between busy districts and provide additional capacity within the urban transport network.



PROJECT FOCUS / EBONYI GENERAL HOSPITAL / 24

CANCER-CARE INFRASTRUCTURE IN EBONYI STATE

In Ebonyi State, the old profile records BIOYOQ Engineering's involvement in a hospital facility developed to expand cancer-care capacity.

The facility was described as being designed and built in accordance with LEED requirements for certification, supporting a more resource-conscious approach to healthcare infrastructure.



PROJECT FOCUS / EBONYI ROAD NETWORKS / 25

ACCESS ROADS & REGIONAL NETWORKS IN EBONYI

BIOYOQ Engineering's earlier portfolio records design and construction activity across major access roads, the Afikpo highway corridor, regional road networks and roads serving residential districts.

These works supported the wider development of Abakaliki and other areas identified within the Ebonyi State master-planning framework.



PROJECT FOCUS / EBONYI STEEL PLANT / 26

CIVIL WORKS FOR A GREENFIELD STEEL PLANT

The old profile documents BIOYOQ Engineering's subcontractor role on a greenfield steel-pipe plant in Ebonyi State, planned for an output of 2,000 tonnes per day.

The recorded civil scope included site clearing, earthworks, internal roads, a 50-metre pre-heater tower and associated structural-steel works.



PROJECT FOCUS / ENUGU ROAD DEVELOPMENT / 27

ROAD DEVELOPMENT ACROSS ENUGU STATE

BIOYOQ Engineering's earlier portfolio records involvement in access-road and regional-network development in Enugu State.

The documented works include routes serving the central area, the Nsukka highway corridor and residential districts, supporting broader urban development within the state.



PORT-NOVO, BENIN REPUBLIC / 28

GOVERNMENT RESIDENTIAL LODGE PILING PROJECT

BIOYOQ Engineering executed foundation piling works for a government residential lodge development in Porto-Novo, the capital of the Republic of Benin.

The project involved pile boring, reinforcement-cage installation and preparation for concreting to establish a dependable foundation for the proposed structure. The work demonstrates BIOYOQ's capacity to mobilise specialised equipment and technical personnel for complex foundation projects across West Africa.

DOCUMENTED PROJECT LOCATIONS

The supplied portfolio notes reference piling and marine-engineering activity across Lagos and selected West African locations.

01 **LUGARD AVENUE, IKOYI**

02 **OSBORNE, IKOYI**

03 **BANANA ISLAND**

04 **PORT HARCOURT**

05 **COTONOU AND OTHER WEST AFRICAN LOCATIONS**

FROM CONDITIONS TO COORDINATED EXECUTION.

- | | | |
|----|------------|--|
| 01 | UNDERSTAND | Review the documented scope, constraints and available site information. |
| 02 | PLAN | Coordinate the proposed approach, access needs and execution sequence. |
| 03 | MOBILISE | Prepare people, equipment and interfaces for the approved scope. |
| 04 | EXECUTE | Deliver the documented activities with disciplined site coordination. |
| 05 | REVIEW | Record progress and address observations within the agreed process. |

FABRICATION CLOSE TO THE WATER.

BIOYOQ's fabrication operations support the production and preparation of marine equipment used across dredging and reclamation projects. The yard handles steel cutting, welding, structural assembly and technical inspection for sand-carrying vessels and related equipment.



BIOYOQ and BIOYOQ-DFYDN technical teams supervise each stage—from material preparation and structural fabrication to inspection and operational readiness. This in-house capability allows equipment to be adapted to the practical demands of Lagos waterways.



GROUP MANUFACTURING ARM / 32

OEM ASSEMBLY & MANUFACTURING.



BIOYOQ-DFYDN Engineering Limited is a mechanical-engineering assembly and original equipment manufacturing company specialising in heavy-duty vehicles, cars and related motor vehicles.

- 01 Manufacture, fabricate and assemble heavy-duty vehicles and cars.
- 02 Manufacture, produce, supply and otherwise deal in motors and other vehicles.
- 03 Operate as a first-of-its-kind African OEM, contributing to regional automotive growth and development.

LICENSED BY ZHONGUI AUTOS / WARRANTY-PERIOD AFTER-SALES SUPPORT

QUALITY BEGINS WITH CLARITY.

BIOYOQ delivers projects through clearly defined responsibilities, practical planning, coordinated execution and evidence-led reporting. Each assignment is approached according to its actual ground conditions, water environment, operational requirements and approved scope.

DEFINED SCOPE

Establish clear project responsibilities, deliverables and execution requirements before mobilisation.

SITE AWARENESS

Assess access, ground conditions, water conditions, equipment needs and operational constraints.

COORDINATED DELIVERY

Maintain effective communication between project teams, technical personnel, equipment operators and stakeholders.

DOCUMENTED ACCOUNTABILITY

Record project activities accurately and report progress according to available site evidence and approved information.

BUILT AROUND THE WORK.

01 ENGINEERING FOCUS

A profile centred on piling, foundations, marine works and shoreline protection.

02 SITE-RESPONSIVE THINKING

Solutions and coordination framed around documented project conditions.

03 DISCIPLINED REPRESENTATION

Capabilities communicated without unsupported metrics or inflated claims.

04 REGIONAL EXPERIENCE

Supplied references spanning Lagos, Port Harcourt and other West African locations.



LET'S BUILD WHAT ENDURES.

Piling / Foundations / Marine Engineering / Shoreline Protection

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