

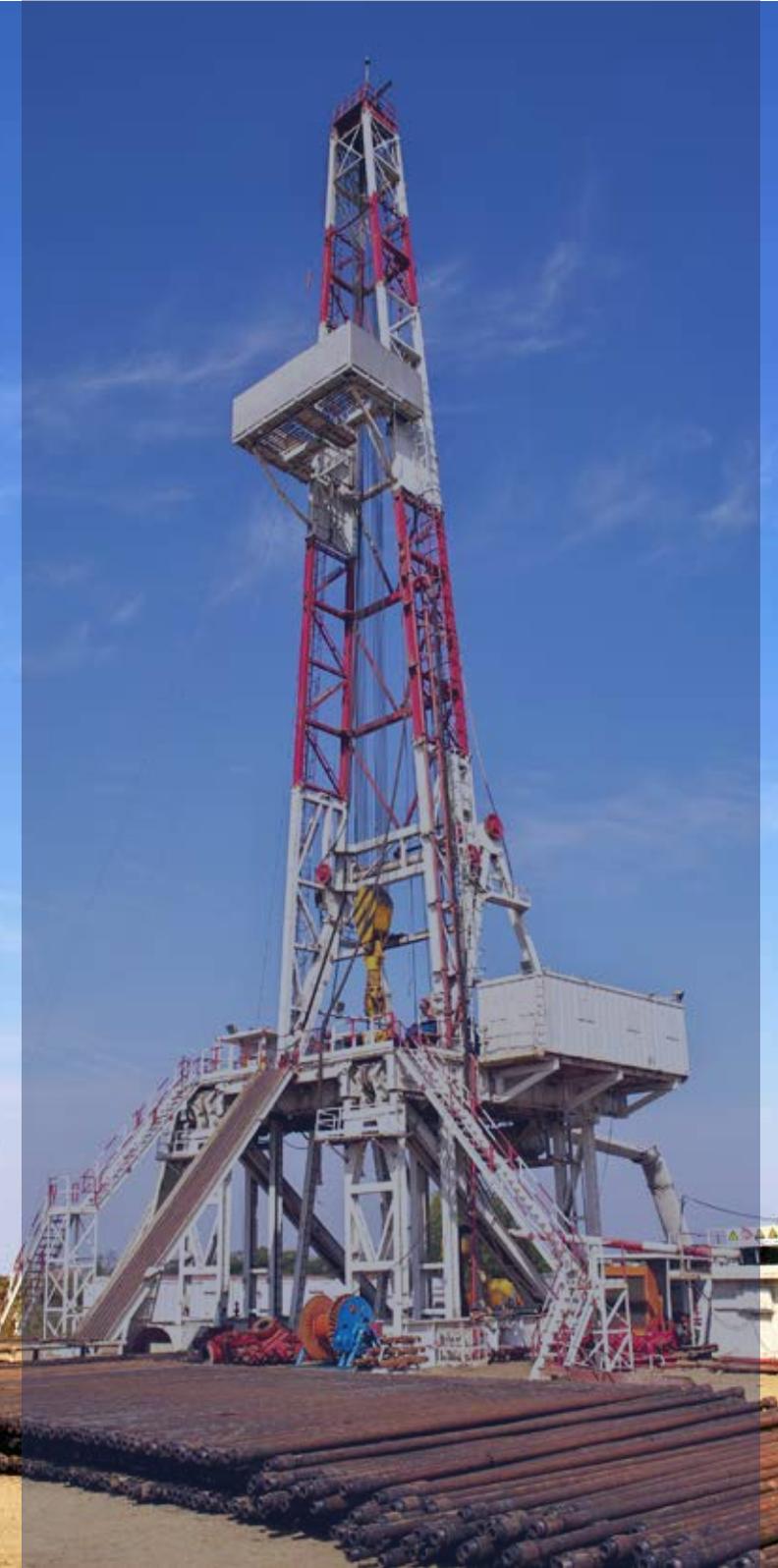
A large red offshore oil rig structure against a blue sky with white clouds. The rig has several tall vertical columns and a complex network of pipes and platforms.

Global Expertise. Local Execution.

Corporate
Profile

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Overview

BRADE Group is a proudly African brand, with diverse portfolio in Oil & Gas, Chemicals and Manufacturing sectors operating in East and West Africa with its headquarters in Lagos, Nigeria.

Our services are targeted at improving the operating capabilities of companies in Africa and maintaining a worthy reputation for being innovative, conducting business and operations, under and according to the strictest business principles and upholding the highest ethical standards of practice. The BRADE Group is also committed to identifying new technologies and localising it in Africa.

Our team is involved in some of the industry's most interesting and challenging projects.

We are leveraging our upstream expertise to release the world's full potential and experience the new possibilities that emerge each day. We are dedicated to offering the best services within time and budget.

Because our focus is to strengthen every single link of the value chain for our customers, we deploy the best technologies, world-class project management skills and proven safety programs to ensure we achieve continued success. This helps ensure a competitive price, schedule certainty and long-term value.

As a company it is our priority to apply corporate governance policies and a practice that promote client and stakeholder interests while we maintain management systems and processes that guide our teams. Our extensive knowledge base includes QHSE standards, project management, and well engineering.

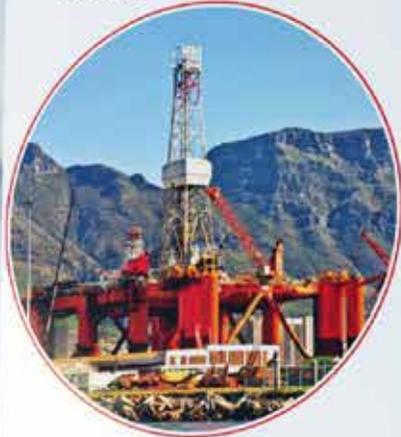
BRADE is strategically poised to deliver superior services riding on our core values, integrity and standards that define every part of our business.

BRADE

www.bradeafrica.com

BRADE

Global Expertise. Local Execution.



BRADE GROUP SERVICES

- Well Construction / Intervention
- Drilling Services / Project Management
- Field Development / Rehabilitation
- Chemicals Production / Manufacturing
- EPC/M
- Marine Logistics
- Rig Management
- OCTG / Heavy Duty Equipment

Our Partners

Schlumberger



seplat

MAZTUBE

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BR
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Our People

At BRADE, we combine local competence, global expertise, industry-leading standards, technologies, and processes to support our highly skilled and trained personnel to deliver projects, on budget, on time, and to the highest safety standards.

We recognize that the industry relies on the technical and organizational skills of its key personnel. Recognition and merit are as a result of professionalism, client satisfaction and referrals. Our personnel maintain a high level of professionalism and results-driven orientation in each project.



Ese Avanoma
Group Managing Director

Our Companies

The BRADE Group is made up of six core companies which serve different areas of the oil and gas industry both in Nigeria and other African countries. They include:

Nigeria

- BRADE Consulting Limited
- BRADE Petroleum & Energy Services Limited
- BRADE Chemical Solutions Limited
- Stefan and Kevin West Africa Limited
- Kerogen Logistics Limited

Ghana

- BRADE West Africa Limited

Uganda

- BRADE Oil and Gas Limited Uganda



Our Partners

Over the years, we have formed alliances with various companies all with the aim of delivering the best quality service to our clients. They include:



Halliburton Energy Services

Schlumberger

NOV

DOW Chemicals, USA

Shandong Molong Petroleum Machinery Company

Crossover Incorporated, USA

Olympian Machine, USA

GATE Incorporated, USA

LADOL

Environmental Resource Managers Limited – ERML

PE Energy Limited

BRADE

Corporate Responsibility

The BRADE Group Board, management and staff are committed to the highest standards of corporate responsibility.

Business Standards and Ethics

The BRADE Group's business and ethical standards are fundamental to how the company operates, and include workplace policies, hiring, training, and business conduct guidelines, ethical and legal standards.

Corporate Governance

We are committed to governance policies and best practices that promote thoughtful and independent representation of stakeholder interests. The BRADE Group is governed by a board of directors, which has the power to choose an executive officer (Managing Director). The MD has broad powers to manage the corporation on a daily basis, but needs to get board approval for certain major actions, including hiring his/her immediate subordinates, raising money, major capital expansions, or other expensive projects.

Other duties of the board include policy setting, decision making, monitoring management's performance, or corporate control.



Community

We are dedicated to making the dreams of families and children a reality through public service initiatives, community outreach and volunteering in the communities where we live and work around the world.

Environmental Stewardship

The BRADE Group is committed to balancing environmental stewardship with its corporate goals and operations worldwide.

International Labour Standards

We are committed to the promotion and maintenance of responsible international labor practices in our operations both local and international.

Safety and Security

The safety and security of our contractors and our staff members is of paramount importance to us and is evident in programs throughout the company. These programs are reviewed regularly and improved as needed.



Services and Value

Line Pipes / OCTG (Casing, Tubings, Pup Joints, GRE-linings & Liners (Gas & WI wells).

The BRADE Group is able to supply the full range of OCTG and accessories. We hold a wide range of products at any one time and can supply from a wide range of leading steel mills for both short and long term delivery.

We also supply Corrosion Resistant Oil Field Tubulars (GRE-linings) for seawater injection and disposal of salt water or other environmentally degrading corrosive fluids. GRE-linings are historically proven to perform in corrosive gas and fluid injection for offshore and land-based applications. They are a cost effective alternative to high-priced alloyed steel tubular goods utilized in seawater injection and salt water disposal from offshore production operations.

With a strong and consolidated OEM alliance, we are able to guarantee quality OCTG equipment in varying scales on time and budget with strong emphasis on the highest safety standards.



Oilfield Procurement & Installation (Pumps, Valves, Meters, LACT Unit, Stud Bolts & Nuts)

This service, offered via our alliances and partnerships, maximizes production and minimizes lifting costs from an asset. Real value is created by integrating and monitoring the vast volume of real-time and static measurements with a digitized model of the entire reservoir and production system.

We provide an extensive offering of onshore production solutions based on proven products and proprietary technologies. From Reciprocating Pumps to Separators to Produced Water Treatment equipment, we have the selection to construct the entire wellsite. They include:

- Separators, Pig Launchers and Receivers
- Reciprocating Pumps
- Multi-Stage Surface Pumps
- LACT Unit
- Stud bolts & Nuts
- Induction Bends
- Riser Clamp
- Barred Tees

Wellhead Maintenance

Our highly competent wellhead maintenance engineers, many with direct experience from OEM's, will maintain, service and repair all valves, actuators and wellhead equipment originally supplied by the OEM's.

With a workforce that is multi-skilled and able to provide multiple asset integrity services we offer a cost effective solution by reducing personnel and equipment volumes and the application of expertise and innovation. Our wellhead maintenance service is responsive to changing operations and will ensure that your asset is maintained in accordance with your standards and industry best practice

Subsea Inspection, Repair and Maintenance

This service, offered via our alliances and partnerships provides a complete range of IRM services with a fleet of advanced survey technology and highly trained and experienced personnel.

Supply Vessel Logistics

We have a wealth of experience in leasing out vessels for support activities for all kinds of offshore projects.

We supply vessels needed for Rig Move Operations, Anchor Handling, Survey Operations, Drilling Support Services, Offshore Construction & Maintenance Support Services, Offshore Accommodation, security vessels and Offshore Day Workers Transport.



Project Planning, Engineering & Management

We provide full Scope Planning and Support Services which includes feasibility studies, field development planning, well design, and drilling & completion/workover programming services.

We undertake projects from a single defined technical study up to participation in full field developments, depending on the client's requirements. In addition we can manage the workover, intervention and enhancement of well production on a field wide basis. The scope of these offerings range from delivery of a single well to managing entire drilling and workover campaigns

Our continuous excellence in developing new technological resolutions and the delivery of key milestones is based on our in house Project Implementation and Performance Monitoring Technique, which has been developed, substantiated and documented on numerous projects. The technique employed corroborates the methodology outlined by the Project Management Institute (PMI).

Manpower & Personnel Services

We provide professional and consultancy services, both contract and permanent staff alike. We offer services in supply of trained personnel thus providing cost effective professional support to employers. We supply low, mid to high level technical, operational and managerial professionals to companies in the Oil and Gas Industry.

We are driven by a commitment to excellence in meeting our client's requirements. Our network of offices and years of experience give us a unique edge and unique capability to provide high quality reliable staffing services. From project conception to commissioning, The BRADE Group will staff and manage your project with high quality personnel thereby reducing your risk of exposure.

By utilising our manpower supply services, the client gets the benefit of having the best resources to get the job done without involvement in the day to day administrative hassle of managing the personnel. We ensure that all applicable legislative requirements, both local and country of origins of personnel, are complied with- including tax, insurance and vaccinations.

Our manpower supply services may be for a small team of personnel for a short duration project, or a complete multidisciplinary project team to deliver the multi-million dollar complex project. We ensure that the client's project objectives are met by managing the human capital end, giving the client the needed focus on their core business.

Heavy Duty Equipment & Accessories Supply

The BRADE Group deals in supply of wellhead systems, Xmas trees and associated products including wellhead components, consumable and accessory items, multibowl wellhead systems, gate valves, frac valves and any other part or assembly that customers specify.

Whether it is a mass production order or custom-made solution, we can deliver it with high quality and attention to details to ensure all valves and components are manufactured in accordance with API-6A requirements. Equipment we supply includes:

- Wellheads & Xmas Trees
- Wellhead components (e.g. Flanges, casing hangers)
- Xmas tree components (e.g. Tubing head adapter)
- Valves
- Vent Scrubbers
- Skids
- Centrifuge Packages
- Gas Turbines



Offshore Equipment Inspection & Maintenance

We offer inspection and maintenance services on electrical and mechanical rotating equipment. Regardless of brand or make, our multi gifted workforce makes it a point of duty to build a concerted working affiliation through all disciplines to realize a shared commitment to project goals such as minimizing the project realization lead time (that is, time between the project initiation and the completions), improving service quality level.

Chemical and Specialty Fluid Supply

We provide a full range of chemical products and services to the mining sector, water sector, as well as the oil and gas sector. Through our key technology partners, we have access to a wide range of proven technology and to generic chemicals used in the aforementioned industries. Solutions for the oil and gas industry include:

1. Exploration

- Viscosifiers & rheology modifiers
- Shale inhibitors
- Drilling fluids
- Fluid loss additives for cementing applications

2. Production

- Demulsifiers
- Water clarifiers
- Defoamers
- H₂S scavengers
- Neutralizing amines
- Corrosion inhibitor intermediates
- Scale inhibitors
- Scale removers
- Wax inhibitors
- Wax dispersants

3. Stimulation

- Friction reducers
- Gelling agents
- Proppant coatings
- Emulsion preventers

4. Gas Processing

- Acid Gas Removal – Amine, Formulated Amines, etc.
- TEG & Inhibited TEG
- Heat Transfer Fluid

5. Water Treatment

- Boiler Systems
- Reverse Osmosis
- Process Treatments
- Microbial Control
- Potable Water Packages
- Waste Heat Recovery Units (WHRU)
- Water Purifier
- Trash Compactors
- Scale inhibitors



Environmental Services

We provide services that articulate and win support for Sustainable Development options by deploying available local and international human and material resources that assure our promise of quality. Safe practices, innovation, consultation, adaptive management and client feedback shall guide all our operations

We collaborate regularly with local and foreign companies of proven expertise in order to ensure that our services meet international standards.

We offer services in the field of industrial environmental services, with proven competence in the areas of:

- General Environmental Management Consulting
- Geographic Information Systems (GIS) Services
- Environmental Evaluation Studies/Reports (EES/EER)
- Post Impact Assessments (PIA)
- Environmental Impact Assessment (EIA)
- Environmental Sensitivity Indexing (ESI)
- Environmental and Social Due Diligence (EDD)
- Digital Mapping
- Environmental and Social Risk Management Systems
- Biodiversity Studies
- Land Use Planning
- Environmental and Socio-economic Baseline Surveys
- Social Impact Assessment (SIA) Studies
- Community Needs Assessments
- Regulatory Affairs

Chemical Blending

When it comes to chemical blending your liquid or powdered chemicals, we offers you the breadth and scope of facility, the quality systems, equipment and well trained staff necessary for you to be able to produce the required blend.

Whether you wish to minimize your team's exposure to hazardous chemicals, or simply focus on other areas of your business, we can blend your chemicals within a safe, controlled environment.

In most instances, The BRADE Group purchases all components, manufactures the product to your specifications, warehouses it and ships it into your distribution system.

Our chemical blending services includes:

- Pre and post treatment of blends
- Blends at elevated temperatures
- High viscosity chemical blending
- Powder blending

Because we are a company who put customers first, we will advise you along the way on any aspect of the blending process so that you are as involved as much as possible.

Moreover, with our turnkey approach, you are relieved of many of the operational concerns that less integrated toll blending organizations require of their customers.

We can also respond to directed production requests arising from your internal replenishment system.



Industrial Engineering Services

Cladding & Sealants

BRADE can help you in the design, supply and installation of commercial and industrial roofing, cladding and all related works. We have full range for different types of building and construction works.

Our sealants provide great adhesion to most metals including stainless steel & aluminum. We can bond and seal most industrial materials including glass, metals, rigid plastics and silicone rubber too.

Insulation & Acoustic Services

We provide insulation and acoustic materials for commercial, industrial and other use. We also offer a full range of services to solve noise and vibration issues including problem identification, acoustical testing, design/engineering and installation support.

Structural/Frame Works

- Provision of appropriate steel structures as per design.
- The frame works shall be at equal-distance to give room for the installation of acoustic- panel material.
- All welding works shall be of International Standards.
- All joints shall be bolted to one-another to provide for future expansion or modification.
- Anti- rust paint shall be applied and Epoxy paint as second (quote) layer.

Pipe Fittings and Welding

Our pipe fittings and welding services offer many advantages. We ensure that pressure losses and turbulence are reduced by the system's smooth inner surface and gradual direction change. We can offer the following:

- Perfect fittings of STAINLESS/MILD STEEL, Dairy pipes.
- Duplex pipes, galvanized Pipes, uPVC Pipes, PE Pipes and HDPE Pipes.
- Roving of elbows to different angles.
- Installation of different kind of valves.
- Welding of pipes using TIG, MIG with ARGON GAS to certified standards.

Stainless and Mild Steel Tanks

- Construction and Installation of both stainless and mild steel tanks of various capacities and sizes. Cylindrical, Rectangular and Square Tanks.
- We have on our list, 500m³ 250 m³, 200 m³, 150 m³, 100 m³ and other smaller mild steel tanks.
- Also, 80 m³, 65m³, 50m³, 17 m³, 3.6 m³, 3m³ and other smaller stainless steel tanks are on our list.
- We fabricate jacketed tanks of different sizes and shape.
- The fabrication is mostly carried out in our workshop with standard finishing and painting. It could also be done on site if need be.

Engineering, Procurement, Construction & Installation (EPCI)

Starting 2019, BRADE is striving to provide world class multi-disciplinary EPCI services including:

- Feasibility / Conceptual Studies
- Front End Engineering Design (FEED)
- Detailed Engineering Design (DED)
- Procurement and Logistics Services
- Fabrication/Construction Support
- Transportation and Installation
- Hook-Up and Commissioning
- Asset Integrity and Project Management

We have developed our capacity to provide EPCI services; our vibrant team of truly talented employees have relevant and extensive experience. We are able to deliver work in conformity to global standards as our Quality, Health, Safety and Environment Management System are ISO-9001:2008 and OHSAS 18001:2007 certified. In addition, PES's Business Management System is designed to work closely with its clients and partners' HSE and Quality Assurance systems.

BRADE has a goal to be the best EPCI company, providing best-in-class services to the energy industry. In each project, we uphold our mission of: "global expertise, local execution", a mission we take seriously as we seek to localise our operations wherever that may be.

Our strong point is in innovations. We believe in applying innovative solutions in tackling everyday projects. Solutions that are clean, sustainable and cost-effective. This strategy is fueled by highly skilled, and competent technical leadership, safety culture, integrity, commitment and most importantly, our passion do things excellently each time.



BRADE

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