

# KAZTEC

ENGINEERING LTD



Local Content, Global Vision

[www.kaztec-eng.com](http://www.kaztec-eng.com)



## **Our Commitment To Safety**

### **Safety Policy**

- Prevent injury to personnel and damage to assets and facilities.
- Prevent pollution to the environment.
- Provide adequate resources to aid in assessing all identified risk and establish appropriate safeguard.

### **Safety Objectives**

Our objective is zero accident tolerance through: -

- Promotion of safety consciousness amongst employees and sub-contractors.
- Effective safety training to promote personnel skills and competence.
- Implementation of innovative measures to continually improve safety practices.
- Provision of best industry practices in design, construction and maintenance of equipment and facilities.



### TB:1921 Project

KTMB Deck loaded and sea-fastened on DLB Ekulo Cheyenne main deck, transported to Adanga field offshore for installation.

## History

Kaztec Engineering Limited is a 100% indigenous Engineering, Procurement and Construction (EPC) Company. Incorporated in 2005, today Kaztec Engineering is a leader in the fabrication of drilling and production platforms, as well as other specialized structures in the oil and gas industry. The company is equipped to provide turnkey onshore and offshore fabrication and installation services. Its core capabilities include engineering, procurement, construction, installation and commissioning of offshore and onshore oil and gas facilities.

When clouds gather, the eagles get excited.  
 The eagle uses the wings of the storm to rise and is pushed up higher  
 No matter the obstacle, the eagle will not move his focus from the prey

The Eagle is the only bird that loves the storm

Eagles fly alone at a high altitude

The Eagle tests before it trusts.

Eagles do not eat dead things.

Eagles prepare for training.

Eagles feed on fresh prey

Eagles have strong vision.

It flies to the top of a rock.

The eagle has some very special qualities. It loves to fly high. Perhaps we can learn the confidence and the aim to reach greater heights from the eagle. Its vision is very sharp. If only we can view things sharply we will be able to differentiate between the good and the bad. We will know what to do and what not. It is a patient bird. It will fly and float in the sky until it sees its prey down on earth. We can learn to practice patience from an eagle so that we can keep on working until we get the right opportunity to come up in life. There are different types of eagles. Though

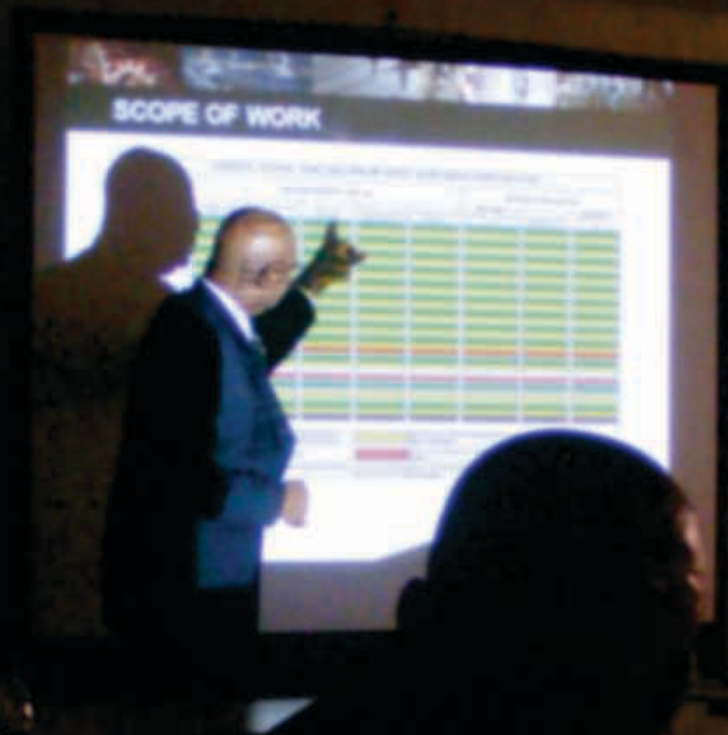
Therefore, let us emulate the good qualities of an eagle and fly high at a high altitude and not with sparrows or mix feather flock together. No other bird goes to the height of an eagle. Eagles fly with eagles. Never in a flock. Stay away from sparrows and ravens. Eagles fly with eagles. Eagles have strong vision, which focuses up to 5 kilometers from the air. When an eagle sites prey- even a rodent from this distance, he narrows his focus on it and sets out to get it. No matter the obstacle, the eagle will not move his focus from the prey until he grabs it. Have a vision and remain focused no matter what the obstacles and you will succeed. Eagles do not eat dead things. He feeds on fresh prey. Vultures eat dead animals but not eagles. Steer clear of outdated and old information. Do your research well always. The Eagle is the only bird that loves the storm. When clouds gather, the eagles get excited. The eagle uses the wings of the storm to rise and is pushed up higher. Once it finds the wing of the storm, the eagle stops flapping and uses the pressure of the raging storm to soar the clouds and glide.

She flies back into the air with the male pursuing her. Once she has reached a height high enough for her, she lets the twig fall to the ground and watches it as it falls. The male chases after the twig. The faster it falls, the faster he chases until he catches it and has to catch it before it falls to the ground, then bring it back to the female eagle. The female eagle grabs the twig and flies to a much higher altitude pursued by the male until she perceives it high enough, and then drops the twig for the male to catch.



## Vision

Be the leading Oil & Gas Engineering and Construction Service Provider in West Africa



## Mission

To effectively combine technical knowledge, innovation, and team work in providing high standard of performance in the Oil and Gas Services Industry



## Core Values

- Passion
- Integrity
- Efficiency
- Innovation
- Team work
- Employee safety
- Respect for the individual

## Core Competencies

- Engineering
- Procurement
- Pipeline Construction (Onshore, Swamp location & Offshore) Fabrication, Installation & Commissioning of Oil and Gas Production Facilities
- Pipe Coating



## Milestones



### 24" (107Km) Adanga - Gas Transmission Pipeline & Metering Station (NIPP LOT3G)

- Detailed Engineering for metering station and Adanga-Calabar Gas Transmission pipeline
- Procurement of Long-Lead items, Equipment and Line Pipe
- Metering station installation
- Onshore Pipeline construction

### Oben - Sapele Gas Pipeline Rehabilitation, Metering Station Upgrade & Expansion (LOT4G)

- Detailed Engineering for new metering station at Sapele
- Pipeline Integrity Assessment of Oben Sapele Gas Pipeline
- Procurement of Long-Lead items/ Equipment
- Metering Station installation
- Rehabilitation/Upgrade of existing metering station at Sapele

### TB: 1921 Project

#### KTMB Deck Installation (250 tonnes)

- Engineering
- Deck Load-out & Transport to Offshore
- Offshore Deck Lift and Set/welding of legs
- Hook up of Deck/ Hydrotest

#### 16" KTMB to TPU Pipeline (13km)

- Engineering
- Load-out & Transport to Offshore
- Pipelay (box to box)
- Fabrication and Installation Risers
- Fabrication and Installation Closure Spools
- Pre-commissioning

#### 6" Gas Lift ADN B to ADN H-4H Pipeline

- Engineering
- Load-out & Transport to Offshore
- Pipelay (box to box)
- Fabrication and Installation Risers
- Fabrication and Installation Closure Spools
- Pre-commissioning

### ADSI Topside Demolition, Installation and Hook-Up

- Engineering
- Deck Load-out & Transport to Offshore
- Offshore Deck Lift and Set/welding of legs
- Hook up of Deck/ Hydrotest

### ADPP Topside Demolition, Installation and Hook-Up

- Engineering
- Deck Load-out & Transport to Offshore
- Offshore Deck Lift and Set/welding of legs
- Hook up of Deck/ Hydrotest

### 8" AD22 to ADSI Pipeline

- Engineering
- Pipe Load-out & Transport to Offshore
- Pipelay (box to box)
- Fabrication and Installation Risers
- Fabrication and Installation Closure Spools
- Pre-commissioning

### 8" AD22 to WI6 Pipeline

- Engineering
- Pipe Load-out & Transport to Offshore
- Pipelay (box to box)
- Fabrication and Installation Risers
- Fabrication and Installation Closure Spools
- Pre-commissioning

### 8" AD22 to WI7 Pipeline

- Engineering
- Pipe Load-out & Transport to Offshore
- Pipelay (box to box)
- Fabrication and Installation Risers
- Fabrication and Installation Closure Spools
- Pre-commissioning



## Project Experience

Project Name: EPC for 24" (107km) Adanga – Calabar Gas Transmission Pipeline & Metering Station (LOT3)

Client Name: Niger Delta Power Holding Company (NDPHC) / NIPP

Line Pipe Stringing on LOT3 Onshore Pipeline Right of Way (R.O.W)



Metering Station works



Pipeline River Crossing

## Gas Heater for Gas Supply System



### Project Experience

**Project Name:** EPC for Pipeline Rehabilitation, Metering Station Upgrade and Expansion. NIPP Sapele LOT4

**Client Name:** Niger Delta Power Holding Company (NDPHC) / NIPP



Gas Heater for Gas Supply System



Interconnecting piping works for gas

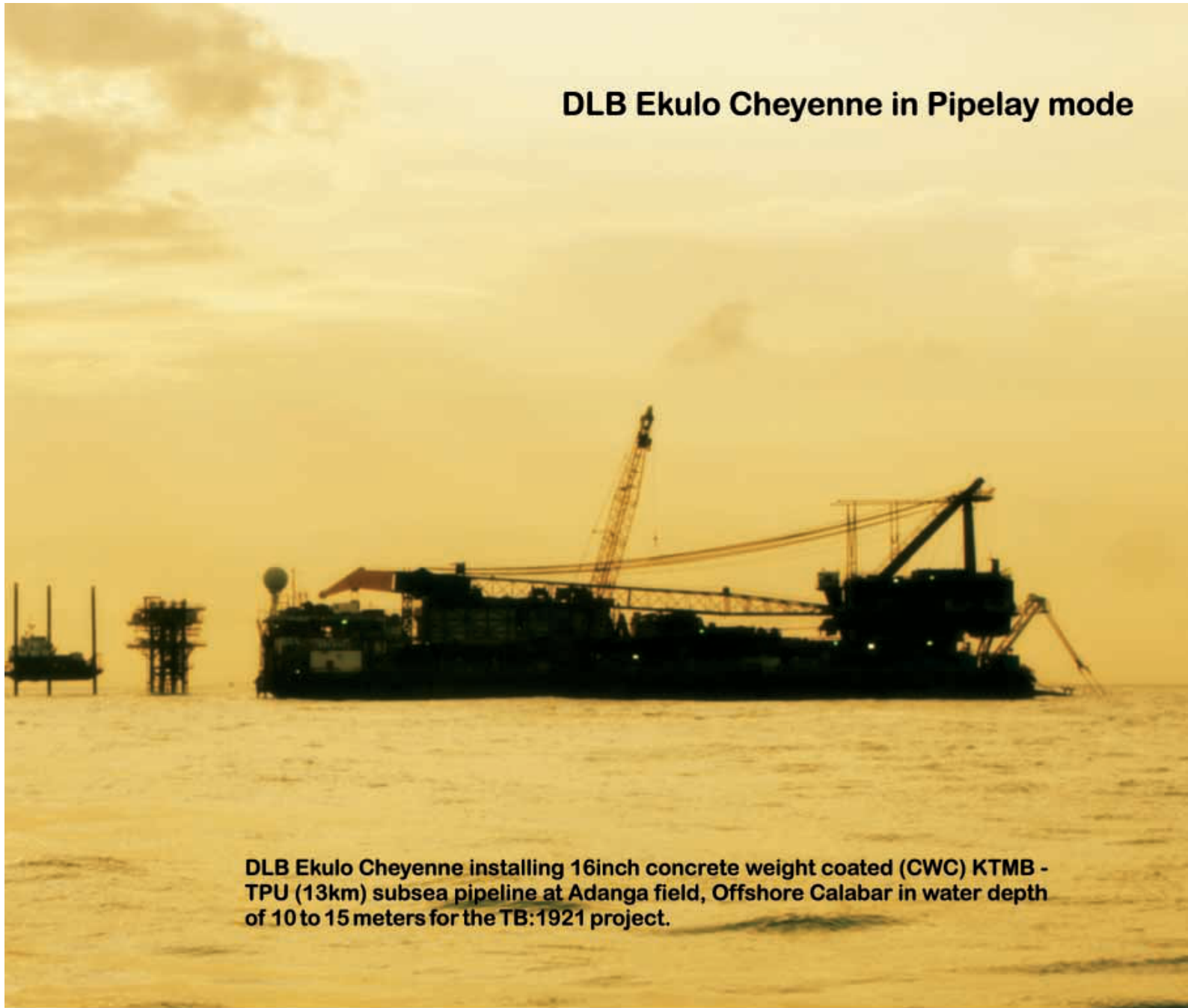


DLB Ekulo Cheyenne setting up KTMB Deck on piled Jacket legs at Adanga field, offshore Calabar for TB: 1921 Project



DLB Ekulo Cheyenne performing complete deck lift of KTMB, ADSI & ADRP; with weight ranging from 100 tons to 250 tons in water depth of 6 to 15 meters at Adanga field offshore Calabar, for Addax Petroleum Development Company.

## DLB Ekulo Cheyenne in Pipelay mode



DLB Ekulo Cheyenne installing 16inch concrete weight coated (CWC) KTMB - TPU (13km) subsea pipeline at Adanga field, Offshore Calabar in water depth of 10 to 15 meters for the TB:1921 project.



### DLB Ekulo Cheyenne Pipelay Capability:

DLB Ekulo Cheyenne installed with automatic tensioning control system that has capacity to lay between 2" to 36" (CWC) Subsea pipeline in water depth of 6 to 40 meters.

**DLB Ekulo Cheyenne installing  
16 inch CWC subsea pipeline  
for the TB: 1921 project.**



**DLB Ekulo Cheyenne during a 16 inch CWC pipeline initiation, pipe joint alignment and pipeline lay down process to complete a subsea pipeline section prior to set-up for riser installation at Adanga Field, Offshore Calabar.**

# Ekulo Explorer



Ekulo Explorer, an Anchor Handling Tug / Towing Vessel.

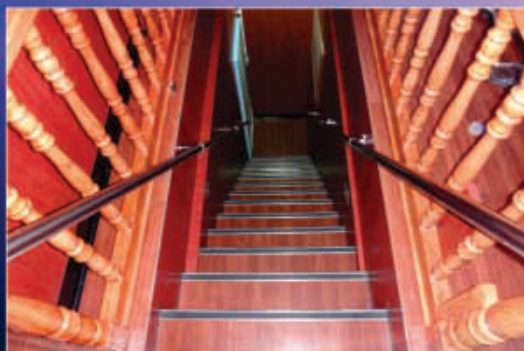
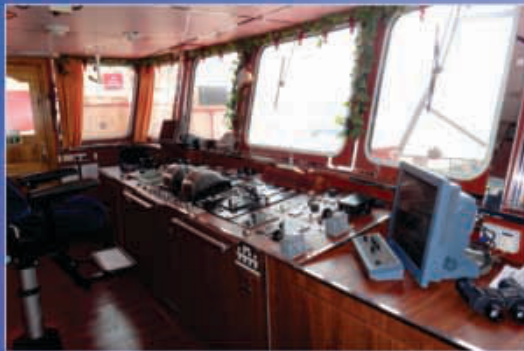


The 80.5Tons Bollard Pull EKULO EXPLORER is an Offshore Multi-Purpose Offshore Support Vessel with 2 x 3000 BHP General Motors EMD 16-645 E7A diesel engines 2 x Lips CP propellers in fixed Kort Nozzles. The Anchor Handling Towing Equipment is fitted with Norwinch s-950-2t double drum Waterfall type winch developing 100 tons of line pull. Heavy duty pad eye for hold down chain. Specially designed for maximum visibility and comfort containing all communication and navigation equipment. Forward and aft control stations incorporate all steering, engine, and thruster controls. Also fitted on the aft console are winch and bulk system controls.

# Ekulo Explorer



Ekulo Explorer at Port Jetty receiving material and bunker for offshore mobilization



Ekulo Explorer designed with well finished interior and engine compartment to retain maximum comfort

# Ekulo Spirit



“Ekulo Spirit” an Anchor Handling Tug and Supply “AHTS” built in Zhuhai Chenlong Shipyard Co. Ltd., China in 2010 and registered in Panama, and Classed by the GERMANISCHER LLOYD. The Vessel is propelled by two Cummins diesel engines driving fixed pitch propellers in kort nozzles.

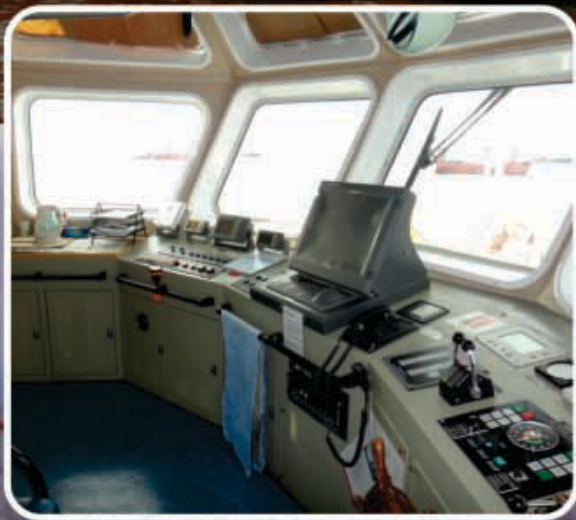
There is one tunnel bow thruster powered by electric motor Model 200BTE, 200 kW installed giving a reported thrust of 3 tonnes. She has a 53Tons Bollard Pull Capacity and can achieve 12.5KNTS Speed.

Her Waterfall Double Drum Winch coupled with adequate Bollard Bits makes her suitable for Offshore project Support and Anchor handling.

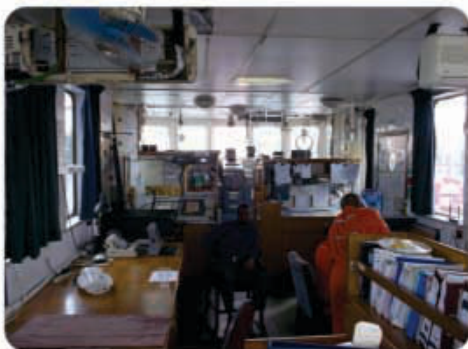


# Ekulo Spirit

**Ekulo Spirit, designed to meet Offshore Anchor Handling and Vessel Tow Challenges for safety and efficient delivery.**



# Ekulo Tornado



Ekulo Tornado (ET) 5601, a 4-Point Mooring Dive Support Vessel (DSV) installed with 19.0 ton Deck Crane, Clear deck space of 350m<sup>2</sup> and shelter deck space of 230m<sup>2</sup>. This vessel is designed to accommodate 86 men and has 2 mess rooms.

The ET classed as special purpose vessel is used to support the topside spool hook-up and piping activities for the TB: 1921 project and can also function as a survey vessel for offshore construction activities.

### Ekulo Tonardo 5601 Specification:

Overall Length	56.14M
GRT	1701T
NRT	510T
DWT	915T
Clear Deck Space	350M <sup>2</sup>
Shelter Deck Space	230M <sup>2</sup>
Deck Cargo	600T
Economical Speed	10Knots
Moulded Depth	5.41M



# Management Team



Sir Emeka Offor

## Executive Chairman

Sir Emeka Offor is the Executive Chairman of Kaztec Engineering Limited. A dynamic and articulate entrepreneur with nearly three decades of business experience, he has built a vast business empire with interests in oil and gas, insurance, power sector, telecommunications and logistics, both in Nigeria and overseas. He is a member of the board of directors of many blue-chip companies. He was formerly chairman of the board of ERHC Energy Inc., USA; a Houston, United States of America based independent oil and gas company focussed on oil and gas exploration and production in the Gulf of Guinea. Sir Emeka Offor is the founder of Sir Emeka Offor Foundation, a non profit organisation committed to the upliftment of the welfare of the less privileged. He is a major donor to The Rotary Foundation of Rotary International.



Daniel A. Nicholson

## General Manager

Dan Nicholson has over 41 years of oil and gas industry experience globally. He spent 25 years with Exxon Mobil. Assignments include Manager, Capital Projects, Mobil Producing Nigeria, Project Manager, Mobil Oil Indonesia, Production Manager, U. S. Onshore Gas Operations (Mobil E & P, U. S. 4) Facilities Engineering Manager, Mobil Research and Development and 5) Project Manager, Mobil Research and Development. Prior to joining Kaztec Engineering Limited, Dan worked in Nigeria on several assignments such as Project Engineering Consultant (Addax Petroleum), Managing Director (Ascot Fabricators and Constructors) and Managing Director (Niger Global Engineering). He spent his early years as District Engineering Manager and Project / Engineering Manager. Dan has worked in the United States, Indonesia, Nigeria and Singapore.



Adebajji Babarinde

## Technical Director

Engineer Adebajji Babarinde, a 1976 Chemical Engineering graduate with honors comes to Kaztec Engineering Limited with a rich career history in Oil and Gas, spanning over 30 years, plus hands-on, on-the-job experience in virtually all aspects of the oil and gas business.

His expansive and distinguished career at Nigerian National Petroleum Corporation (NNPC) saw him hold various key positions including General Manger, Technical Services, Renewable Energy Division, Manager Engineering & Technical Services, Manager, Materials Management and Head Production, to mention a few.



Tochukwu Odukwé

## Assistant General Manager

Engineer Tochukwu Odukwé is a focused, thorough and resolute professional with over 18 years post qualification experience, 12 of which have been spent in project supervision and management of multi-billion Naira contracts in the oil and gas business. He has successfully executed projects for high-value clients like NIPP, Addax Petroleum Nigeria Limited, NGC. Tochukwu is currently the Assistant General Manager of Kaztec Engineering Limited



Robert Rosselet

## Project Manager

Robert Rosselet a versatile Engineering Professional with the Bachelor of Science degree, Ocean Engineering from Florida State University has 19 years of direct involvement in various Oil & Gas projects in the Middle East, Southeast Asia, West Africa and India, especially in the management of marine construction projects, construction and installation of production platforms, oil terminals & pipelines. He has worked in Saudi Arabia, UAE, and Houston, USA. His offshore experience includes Karan Offshore Platforms & Subsea Pipelines Project (Saudi Arabia) Berri & Qatif Pipelines Project, Saudi Arabia, and Offshore Pipelines International, OPI (Bahrain). He currently leads the Kaztec Engineering Limited team as Project Manager.



### Chief Communications Officer

Mr. Val Oji is a consummate, multi-skilled business and technical professional with over 24 years of varied, hands-on and stable experience in Public Relations Planning and Management, Advertising Strategy Development and Campaign Planning, Corporate and Competitive Strategy Development. During his extensive career in Advertising & Public Relations he consulted for MTN , Motorola, Emirates, Coca Cola and Cadbury. An award-winning copywriter, Val holds the Master of Communication Arts Degree (MCA) of the University of Ibadan and has attended many professional courses in Nigeria and overseas. Val currently heads the Community Relations unit of Kaztec Engineering Limited.



### Operations Manager

Joined Kaztec as Operations Manager in March 2011, after spending 37 years in the Middle East, Far and North Africa working on offshore construction projects for clients including Aramco, British Petroleum, Shell, Eni, British Gas and Oil and Natural Gas Commission of India. As Operations Manager with Kaztec Engineering Limited, he is in charge of the day to day operations and maintenance of Kaztec's growing fleet.



### Manager, Calabar Offshore

Gene Williams is a highly accomplished, skilled and talented Senior Consultant with over 12 years proven track record of providing overall direction to project team and managing client relationship. His versatile work experience took him to various blue-chip companies including Willbross Nigeria Limited, Trinidad West Indies, and companies in Ghana, Benin, Togo, Mexico, and Middle East, United States. Gene, a team oriented and excellent communicator is the Manager, Calabar Offshore, Kaztec Engineering Limited.



### Project Manager, LOTS 3 & 4

Joseph Egona a Mechanical Engineer with over 14 years extensive experience of both upstream and downstream sector of the industry was a pioneer trainee of the Shell Intensive Training Programme (SITP/1) for Nigerian Engineering Graduates (Oil and Gas Engineering/Geo-Sciences) from 1998 to 1999. He started his career as a project engineer in 1997 and was involved in various oil and gas facilities projects while with DeltaAfrik Engineering Limited rising to position of Principal Mechanical/Piping Engineer for ExxonMobil. He was also Technical Assistant to the Executive Director (Monitoring & Inspections) of the Nigeria-Sao Tome Joint Development Authority with responsibility that encompasses advisory role to the Executive Director on all technical areas relating to approval and monitoring of work programs of the JDZ Block Operators (Chevron, Sinopec, Anadarko and Addax). He is currently the Project Manager of LOTS 3 & 4, KAZTEC Engineering Limited.



### Engineering Manager

Mr Raphael Ilorah is a Chemical Engineer with over 15 years post qualification experience. He was a lead Senior Project Engineer with West African Ventures Limited (Sea Trucks Group) with active work experience for clients like Chevron Nigeria and Mobil Producing Nigeria Limited before joining Kaztec Engineering Limited in 2011 as



### Contract & Procurement Manager

Mr Charles Gallagher a US national holds a Masters in Accounting and a Bachelors Degree in Engineering, both from the USA. He has over 14 years work experience spanning Houston, USA, Congo, Gabon, Cameroon, Azerbaijan and Nigeria, where he was Financial Controller, General Manager – Bidding & Strategic Planning, General Manager – Operations, and Project Controls Manager, at different times. An experienced professional, Charles who leads the Contracts Management team at Kaztec Engineering Limited, brings to bear his varied skill-set as well as diverse cultural mix, having worked in different parts of the world.



David Jeeves

### QAQC Manager

David Jeeves joined Kaztec in November 2010 as QA, QC Manager. His responsibilities are to ensure Kaztec meets all clients and international quality standards. He has been responsible for developing working procedures including the welding procedures for Kaztec's. recently introduced Lincoln semiautomatic welding system. He leads a small but highly experienced and qualified team of both National and expert personnel.



Kingsley Eke

### HSE Manager

Eke Kingsley Ezezuks is a distinguished Safety Professional. He holds a Bachelors degree in Electrical Electronics Engineering; and has been involved in leadership and management of critical occupational safety and health administration, in oil and gas construction industries, in the last decade. He has been a contributor and co-author in organization codes and standards, addressing such issues as Occupational Safety and Health Management System Manual, Risk Assessment, Hazard Identification, confined space, human factors, power presses and metal fabrication equipment, offshore and onshore construction equipment procedure. He has also worked as a design and safety professional for several companies and organizations. In his current role as HSE Manager at Kaztec, Kingsley oversees the corporate Health, Safety, Security and Environmental portfolios and provides technical solution to Occupational Health and Safety challenges without compromising safety for production.



Nixon Alanza

### Chief Financial Officer

Mr. Nixon Alanza started his career in 1989 with the accounting firm of Akintola Williams Deloitte (then a Touché Ross International member firm), where he was on the audit team of several multinational clients. In 1991 he joined Insight Communications where he held various management positions and was subsequently appointed Executive Director, Finance & Administration for Insight Ghana, a position he held until 2001 when he returned to Nigeria. At JAGAL Group, Nixon was responsible for the Group's investments in various start-up and turn-around businesses and handled the successful completion of JAGAL Group's acquisition of Nigerdock Nigeria Plc. He is a Fellow of the Institute of Chartered Accountants of Nigeria and an Associate of the Chartered Institute of Taxation of Nigeria. He holds an MBA degree from the Lagos State University.



Joyce Nton

### Director Human Resource

Mrs. Joyce Nton is the Human Resource Director for the Kaztec Engineering Limited. She holds a Master's degree in Human Resources, a Post-Graduate Diploma. in Public Administration and a B. A degree in Eng & Litt studies. As Director HR, she comes with a vast experience from various select private corporations growing through the ranks serving in both Human Resource and Administrative capacity including but not limited to the World Bank Group, Price WaterhouseCoopers, and Michael Stevens Consulting amongst others. She is also a member of the chartered Institute of Personnel Management of Nigeria (CIPM)



Emeka Uzoukwu

### Investment Manager

Emeka Uzoukwu is a registered independent business & financial consultant, a fully licensed Stockbroker and Investment Adviser Representative (Series 7, 66, California Life Agent) with over 14 years' post licensing experience. He was formerly a Wealth Manager at Citi Smith Barney (a subsidiary of Citigroup) with \$60 million financial assets under management. Prior to Citi Smith Barney, Emeka was a Guided Portfolio Manager/ Investment Associate with Salomon Smith Barney (SSB, a subsidiary of Citigroup), a member of the Steven Scherer group which managed \$250million. Before joining SSB, Mr. Uzoukwu was with Merrill Lynch. He launched his career at this firm when he joined the professional development program in Princeton, New Jersey in 1997. Emeka Uzoukwu received his MBA from Loyola Marymount University Los Angeles, California and earned a B.A. in Economics and minor concentration in Tangible Investments/Portfolio analysis from Hobart College Geneva, New York. He heads the Investment Unit of Kaztec Engineering Limited.



## Champion of Local Content

Kaztec a 100% indigenous company, represents the epitome of Nigerian Content in the Oil & Gas Service Industry.

Kaztec has invested in Human Resources, key Oil & Gas Specialized Equipment and Tools to make it not just more competitive but also able to deliver its diverse projects portfolio promptly.

## Warehouse and Logistics base

Kaztec Engineering Limited has a warehouse at Calabar Free Trade Zone (FTZ), Calabar, Cross River State for offshore and logistics operations.



## Future Plans

Kaztec Engineering Limited has a warehouse at Calabar Free Trade Zone (FTZ), Calabar, Cross River State for offshore and logistics operations.



## Community Development

Kaztec Engineering Limited regards host communities as equal partners in progress. Community development is treated as an integral part of business strategy, and embedded in the company's critical deliverables. It therefore consciously promotes community projects in the host communities. These projects range from construction of community halls, rehabilitation of communal recreation facilities to employment and capacity development, to mention a few.



A3 bedroom bungalow office complex built for Sapele Okpe community in Delta State, under the community development programme of Kaztec.

## DLB Ekulo Cheyenne



### Testimonial

As a strategic partner, I can say that one of the key benefits of partnering with Kaztec is its understanding of government bureaucracy, and ability to navigate the system successfully, which reduces the complexities and challenges associated with doing business in Africa. Kaztec is completely at home with the terrain, demystifies official bureaucracy, and these come quite handy, as far as ease of doing business is concerned. In addition, Kaztec is acquiring key oil and gas specialized equipment and tools, to make it not just more competitive, but also able to deliver its diverse projects portfolio promptly.

Engr Olufemi Osunde, Managing Director & Chief Executive Officer, CMES



## **Champions are champions long before they win**

Champions have an unusual ability to cut through the clutter and visualise their success before the actual event. Winning is a product of an unwavering belief in oneself the 'can do' attitude. Winning is an attitude.

At Kaztec Engineering Limited, we groom our engineers and star performers to think like champions, inculcating in them the discipline of true champions.

Little wonder that today Kaztec Engineering Limited is a leading indigenous Engineering, Procurement, Construction, Installation and Commissioning (EPCIC) contractor, for all ranges of oil and gas facilities. In Nigeria, and the sub region. Affecting your lives positively, in more ways than one.

Delivering on set targets, and to specification.



**Kaztec Engineering Limited.**

*Local Content, Global Vision*

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