



PULSE
EXPERTS

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PULSE ENGINEERING AND CONSULTING LIMITED



INTRODUCTION

In this profile document, we present Pulse Engineering and Consulting Limited, a leading provider of engineering and consulting services. With a passion for innovation and sustainability, we strive to deliver tailored solutions that meet the unique needs of our clients.

Our team of experts brings a wealth of knowledge and experience, ensuring top-notch project execution and exceptional results. Through this profile, we invite you to explore our capabilities, achievements, and commitment to excellence.

MISSION AND VISION

Vision:

At Pulse Engineering and Consulting Limited, our vision is to establish ourselves as a prominent global leader in providing innovative and sustainable engineering solutions. We aim to revolutionize industries, driving positive change, and making a significant impact on communities worldwide.

Mission:

Our mission is centered around delivering exceptional engineering services that empower our clients to thrive in an ever-changing world. With a strong commitment to excellence, integrity, and safety, we strive to provide high-quality, tailor-made solutions that exceed expectations. Through collaboration and innovation, we aim to build lasting partnerships and contribute to the development of a brighter and more sustainable future for all.



INEOS PROJECT - UNITED KINGDOM

HISTORY

In 2014, Pulse Engineering and Consulting Limited started as an oil and gas contractor.

We expanded our services to include renewable energy, infrastructure, and industrial solutions. Our skilled team delivers innovative and sustainable solutions.

EXPERTISE

Oil and Gas: Comprehensive services for exploration, production, and pipeline support.

Renewable Energy: Expertise in solar, wind, and biomass projects.

Infrastructure Development: Top-notch solutions for ports, parks, agricultural and power distribution.

Technology and Innovation: Cutting-edge technologies for optimized processes.

International Projects: Success in emerging markets, contributing to global development.

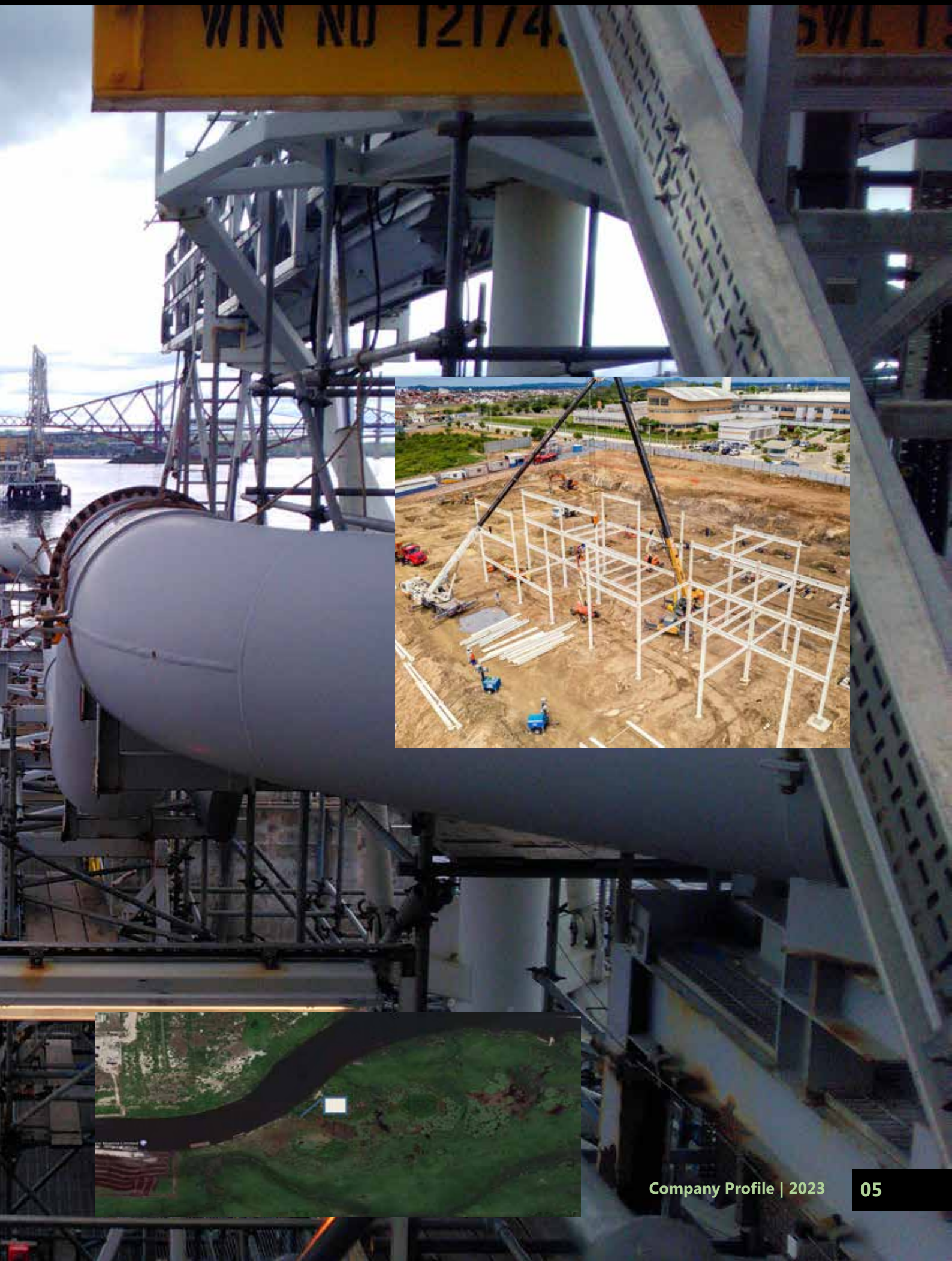
Oil and Gas: Proven success in exploration, production, and pipeline support.

Renewable Energy: Experience in solar, wind, and biomass projects.

Infrastructure Development: Expertise in ports, parks, agricultural and power distribution.

Technology and Innovation: Embracing cutting-edge solutions.

International Projects: Thriving in diverse global markets.



EQUIPMENT, MAN POWER AND PROCUREMENT



At Pulse, we take immense pride in our well-equipped arsenal of cutting-edge machinery and advanced equipment, ensuring optimal performance and efficiency in every project we undertake. Our skilled workforce, comprising experienced professionals and specialists, is the backbone of our success, providing the expertise and dedication needed to deliver exceptional results. With a focus on continuous development and training, our team is equipped to handle complex challenges and dynamic project requirements.

When it comes to procurement, we have honed a streamlined process that ensures timely access to top-quality materials and resources. We prioritize strategic partnerships with reliable suppliers, enabling us to maintain high standards of quality while optimizing costs. Our robust procurement framework enhances our ability to respond swiftly to project demands, making us a reliable partner for seamless execution. Through our unparalleled equipment, skilled workforce, and efficient procurement practices, we guarantee the successful execution of projects across various industries, meeting and exceeding the expectations of our valued clients.



Loggers



Pigging Units



Telecommunications



Heavy Vehicles



Low Frequency Transmitter



Inline Rig Odometers



Intelligent Pig



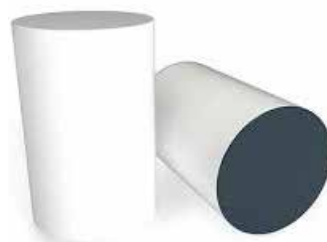
ROV



Drones



Gas Generators



Foam Pigs



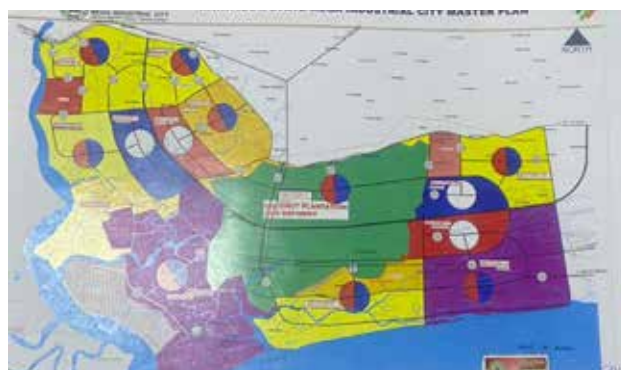
Machinery

ENGINEERING AND DESIGN



Engineering: Our skilled engineering team takes projects from conception to completion, ensuring cost-effective solutions and adherence to industry standards. We excel in delivering innovative and practical engineering solutions for various sectors.

Design: With a focus on functionality and aesthetics, our design experts create spaces that inspire. We prioritize client needs, blending creativity with practicality to deliver exceptional designs that stand the test of time.





DECOMMISSIONING

Decommissioning: Safety and environmental responsibility guide our decommissioning process. We execute end-of-life strategies meticulously, minimizing environmental impact and ensuring compliance with regulations.

Safety Focus: At Pulse, safety is non-negotiable. We instill a safety-first culture, conducting regular training and implementing strict protocols to protect our workforce and clients' assets. Our commitment to safety drives project success and client confidence.





DEVELOPMENT OF INDUSTRIAL ZONES

We excel in the strategic development of industrial zones that foster economic growth and innovation. Our expertise lies in crafting tailor-made solutions that combine infrastructure, logistics, and sustainability to create thriving business ecosystems.

With a deep understanding of market dynamics and a commitment to excellence, we transform raw land into vibrant industrial zones that attract investments, drive regional development, and contribute to a sustainable future.





FACILITY AND UTILITY MANAGEMENT

We specialize in facility and utility management solutions that optimize operational efficiency and sustainability. With a keen focus on enhancing the performance of industrial facilities, we provide comprehensive services that encompass facility maintenance, utility management, and asset integrity.

We ensure seamless operations, reduce downtime, and extend the lifespan of critical assets. Our commitment to excellence in facility and utility management translates into cost savings, improved productivity, and a safer operational environment for our clients.





ENSURING THE INTEGRITY AND EFFICIENCY OF PIPELINE SYSTEMS

Pipeline Inspection: At Pulse, we excel in providing comprehensive pipeline inspection services to ensure the integrity and safety of critical infrastructure. Utilizing cutting-edge technologies such as intelligent pigging, drones, and ROVs, our experienced team meticulously examines pipelines for defects, corrosion, and other potential issues. We prioritize accuracy, compliance, and data analysis to deliver reliable inspection reports that aid in proactive maintenance, minimizing risks and costly disruptions.

Pigging Services: Pulse offers expert pigging services that enhance the efficiency and longevity of pipelines. Our skilled technicians utilize advanced tools to conduct pipeline cleaning, maintenance, and flow optimization. With a focus on safety and effectiveness, our pigging operations remove debris, sediment, and buildup, ensuring uninterrupted fluid transportation. Clients benefit from reduced downtime, improved operational efficiency, and extended pipeline lifespan, resulting in enhanced productivity and cost savings.





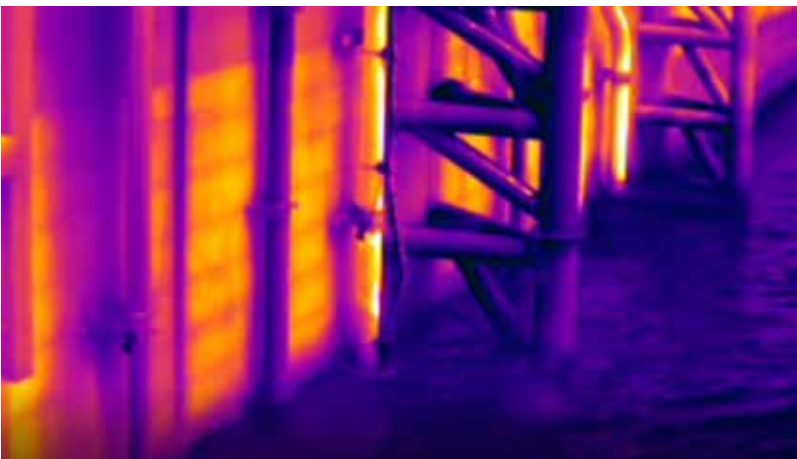
COMPREHENSIVE MARITIME SERVICES

Our Marine Solutions cover a wide array of services tailored to the maritime industry. From vessel inspections to marine construction support, we offer efficient and safe solutions for offshore and onshore projects. With a skilled team and advanced equipment, we ensure compliance with industry standards, emphasizing innovation and environmental responsibility. Our goal is to deliver top-notch marine services that optimize operations, enhance safety, and contribute to the success of our clients' ventures.



SUBSEA SOLUTIONS


Equipped with advanced technology to perform intricate subsea inspections, repairs, and data collection tasks. With a team of skilled engineers and technicians, we excel in conducting comprehensive subsea surveys, pipeline inspections, and asset integrity assessments. Our expertise extends to subsea construction support, seabed mapping, and environmental monitoring. We prioritize safety, efficiency, and environmental responsibility in all our underwater operations, delivering valuable insights and solutions to clients in the offshore industry. From offshore platforms to underwater installations, our ROV and subsea services ensure optimal performance and reliability of subsea assets.





Our Port Support Services cater to the smooth and effective operations of ports, terminals, and berths. From infrastructure development and management to advanced automation and technology solutions, we ensure optimal port performance, cargo handling, safety assessments, and environmental impact evaluations. Our experienced team offers consultancy, strategic planning, and market analysis, assisting in regulatory compliance, risk assessment, and comprehensive training programs for port personnel. With expertise in maintenance and repair services, including asset management, we contribute to enhancing port efficiency, connectivity, and overall success.





Our Industrial Development services encompass a range of solutions to support the growth and success of various industries. We focus on developing tailored industrial master plans and strategies, conducting market analysis, and identifying growth opportunities. Our team evaluates and selects suitable locations, assesses infrastructure availability, and coordinates necessary permits and approvals for site selection and development. We design and engineer industrial infrastructure, manage construction, and integrate sustainable practices. Additionally, we plan and develop industrial parks, design infrastructure, and attract investments. Our services aim to foster growth, attract investments, and ensure compliance with industry standards and sustainability practices.





Our Power services encompass a wide range of solutions to meet diverse energy needs. We provide services for generating power using natural gas or renewable energy sources like gas, solar, wind, or biomass. We offer comprehensive power plant design and engineering, development and implementation of renewable energy projects, and the design, construction, and operation of traditional power plants. Additionally, we specialize in distributed power systems, offering decentralized power generation solutions like microgrids and off-grid systems. Our operation and maintenance services ensure reliable and efficient power plant performance, while energy efficiency and optimization solutions enhance cost-effectiveness and sustainability.



OUR TEAM



OUR TEAM

At Pulse Engineering and Consulting Limited, our team is our greatest asset. We are a dynamic group of highly skilled professionals, comprising engineers, designers, consultants, project managers, and technical experts. With diverse backgrounds and expertise, our team collaborates seamlessly to deliver innovative solutions and exceptional results. We are driven by a passion for excellence, a commitment to safety, and a relentless pursuit of customer satisfaction. Together, we strive to tackle complex challenges, embrace technological advancements, and shape the future of engineering and consulting services. Our team's dedication and expertise are the foundation of our success and the key to exceeding our clients' expectations.





IMPLEMENTATION OF QUALITY STANDARDS

Pulse Engineering and Consulting Limited upholds unwavering commitment to the implementation of stringent quality standards. As an ISO 9001:2015 certified company, we assure our clients of reliable and exceptional services. Our dedicated team, cutting-edge technology, and adherence to industry best practices guarantee the safety, efficiency, and success of every project. Quality-driven at heart, we strive to exceed expectations and deliver superior solutions to our valued clients.





Project Name: Snake Island Free Zone Industrial Zone
Client Name: Alpha Sigma Nig Limited
Location: Nigeria
Year: 2022

INDUSTRY AND PORT DEVELOPMENT



EXPERIENCE



Project Name: Aiteo Asset Review, Engineering, and Integrity
Client Name: Aiteo (Sub-Contract)
Location: Nigeria
Year: 2018

ASSET SIMPLIFICATION





Project Name: Elegushi Power Plant Project
Client Name: MERGEN Nig LTD
Location: Nigeria
Year: 2022

POWER PLANT PROJECT





Project Name: Akwa Ibom OGFZA Area Zone Multipurpose Feasibility
Client Name: Crown Port Estate Ltd
Location: Nigeria
Year: 2023

MULTIPURPOSE FREE ZONE INDUSTRIAL ESTATE FEASIBILITY





Project Name: NDT Project
Client Name: Navy (Sub-Contract)
Location: Nigeria
Year: 2020

NDT SERVICES



COMMISSIONING AND INSPECTION

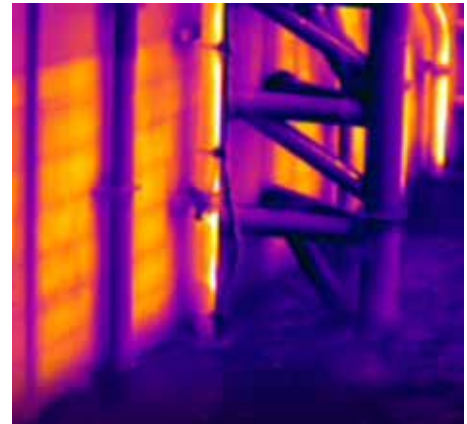
Project Name: Pipeline Inspection
Client Name: Addax (Sub-Contract)
Location: Nigeria
Year: 2018



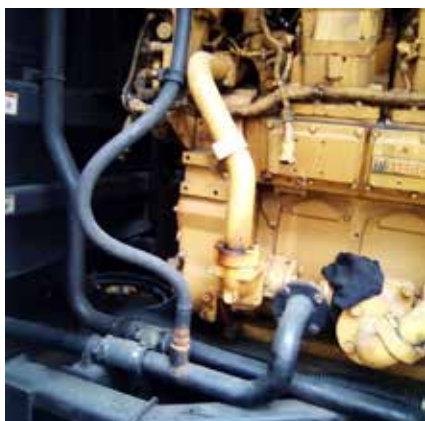
SUBSEA AND ROV INSPECTION



Project Name: Flexible Riser and FPSO Inspection
Client Name: Shell
Location: Rivers, Nigeria
Year: 2021



POWER GENERATION



Project Name: 1MW Power
Client Name: Atlas Oranto
Location: Ondo, Nigeria
Year: 2021

ENGINEERING AND DESIGN



Project Name: Feasibility Study
Client Name: INEOS UK
Location: UK
Year: 2022

OPERATIONS SUPPORT



Project Name: Operations Support
Client Name: Perenco
Location: UK
Year: 2017

PIPELINE INSPECTION



Project Name: Pigging Support
Client Name: Perenco
Location: UK
Year: 2017

EXPERIENCE

Project Name: Pipeline Inspection
Client Name: Shell (Sub-Contract)
Location: Nigeria
Year: 2022



INSPECTION SERVICES





OUR CUSTOMERS

Projects

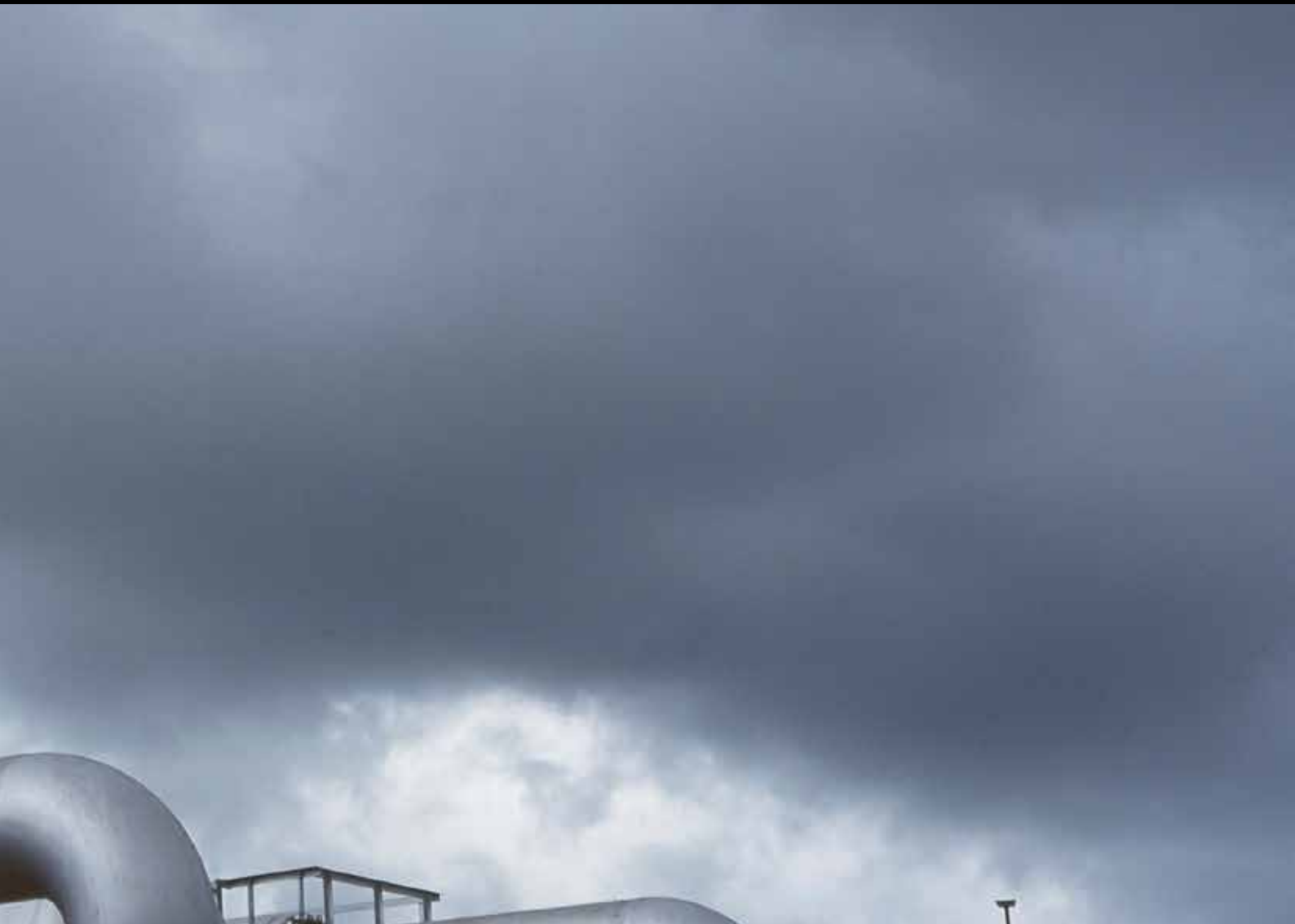
- Industrial Zones Dev.
- Port Development
- Pipeline Inspection
- Pipeline Engineering
- Asset Engineering
- Asset Operations
- Pigging & ILI Operations
- Power Generation
- Power Distribution

Locations

Nigeria
United Kingdom
South Africa
UAE

Some Clients

- Shell Nigeria
- Shell UK
- Alpha Sigma Nig Ltd
- MERGEN Nig Ltd
- Addax Nigeria
- Exxon Mobil
- Perenco UK
- INEOS UK
- Total UK
- Total Nig





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