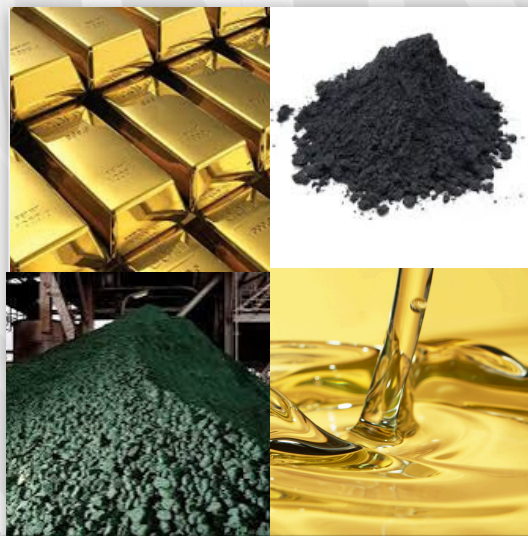


CROWN MEX EXPLORATION & DEVELOPMENT LTD

COMPANY PROFILE



OIL, GAS, GOLD, RARE EARTH AND INDUSTRIAL
MINERALS PROSPECTING, EXPLORATION, AND
DEVELOPMENT

DECEMBER 2024

WWW.CROWN MEX.COM.NG

A large industrial facility, likely a refinery or chemical plant, with complex piping, structural steel, and various pieces of equipment. The scene is dimly lit with some overhead lights visible, creating a blue and grey color palette. The word 'WELCOME' is superimposed in large white letters across the upper portion of the image.

WELCOME

Welcome to Crownmex Exploration & Development Ltd. Since 2013, we have been dedicated to unlocking Nigeria's rich energy and mineral resources through innovation, expertise, and sustainable practices. Join us as we lead the way in exploration, development, and growth. Our unwavering commitment to excellence ensures that we deploy cutting-edge technologies and foster strategic partnerships, driving impactful solutions in the energy and minerals sector.

Agenda

Welcome

Table of Content

Introduction

Who We Are

Vision & Mission

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Our Services

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Company Promoters

Management

Company Assets

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Company Summary

Exploration & Prospective Equipment



Introduction

Crownmex Exploration & Development Ltd was incorporated on 25th December 2013 under the Corporate Affairs Commission (CAC) with registration number **RC 1155401**.

The company's registered office is located in the mineral-rich state of Zamfara, while its headquarters is situated in Abuja. Crownmex maintains strategically located field offices in Sokoto, Zamfara, Katsina, and Jos. Additionally, the company plans to establish a shipping business/liaison office in Lagos to facilitate southern operations and client engagements.

The company specializes in the prospecting, exploration, and development of oil, gas, gold, rare earth and industrial minerals, with a strong commitment to harnessing Nigeria's abundant natural resources.

Our operations are rooted in sustainability, advanced technology, and strategic partnerships, ensuring impactful contributions to the nation's economic growth and energy security.

Through a steadfast commitment to precision and innovation, Crownmex leverages cutting-edge tools and expertise to discover and develop resources that power industries and communities alike. We pride ourselves on being a trusted partner in Nigeria's journey towards resource optimization and sustainable development.

WHO WE ARE

We Want to Make a Positive Impact on The World of Business.

Crownmex Exploration & Development Ltd is a Nigerian company committed to transforming the nation's energy and minerals landscape. We specialize in pioneering solutions for oil, gas, and mineral resource exploration and development, with a focus on sustainability and innovation.

Our team of experts, combined with advanced technology and strategic partnerships, positions us as a trusted leader in unlocking Nigeria's vast natural wealth. We take pride in contributing to the nation's economic growth and energy security while maintaining our commitment to ethical and environmentally friendly practice.



VISION

1

To lead oil and gas development in Nigeria's frontier basins.

2

To implement Integrated Field Development (IFD) to optimize resource potential in oil and gas operations.

3

To establish Crownmex as a globally recognized player in the energy and minerals industry.

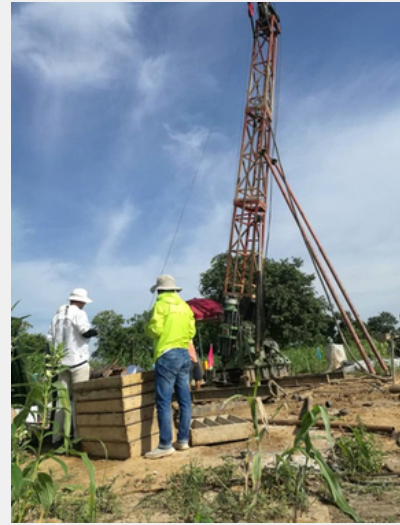


MISSION

To unlock and develop untapped oil, gas, and mineral resources in Nigeria's frontier sedimentary basins, fostering sustainable economic growth and energy security for the nation.

Partnership

Crownmex collaborates with Anhui Geological Exploration Technologies Institute Ltd, a globally renowned Chinese partner. Anhui contributes cutting-edge technical expertise in mineral prospecting, resource exploration, and operational support, serving as a pivotal enabler of Crownmex's success.



Anhui's Expertise and Capabilities



Advanced Exploration Technologies

Digital logging, magnetotelluric sounding, and sub-terrain prospecting (CR methods).



Global Experience

Projects executed in 30 Chinese provinces and countries like Kyrgyzstan, Iran, Mongolia, and Australia.



Track Record

Over 30 years of geological exploration, with 300+ completed projects globally.



Technological Edge

Pioneering non-seismic methods to improve resource discovery and de-risk exploration.

CHINA CAMC ENGINEERING COMPANY LIMITED

(Field Development & Downstream Partner)

CAMCE is a global leader in engineering, procurement, and construction (EPC) projects, with extensive experience in field development, downstream hydrocarbon projects, and financial solutions.

CAMCE's Global Capacity:

- Executed approximately 100 large-scale turnkey projects globally, across Asia, Africa, America, and Eastern Europe.
- Specializes in industrial projects, agricultural projects, water engineering, power projects, communication projects, petrochemical projects, and mining projects, receiving high recognition from project owners.
- Strong information acquisition channels, efficient management teams, long-term and stable strategic partnerships, and strong financing capabilities.

EXPLORATION AND PROSPECTING EQUIPMENT

The company operates in state-of-the-art exploration and drilling equipment, including:

- Magnetotelluric Sounding Systems
- FTG (Full Tensor Gravity Gradiometry) Devices
- Stress Field Detection(SFD) Technologies
- Advanced Petroleum Engineering Tools, including advanced wellhead equipment, cementing tools, and downhole motors.
- Seismic Data Acquisition and Interpretation Systems, enabling high- precision subsurface imaging for resource discovery.
- Cutting-Edge Drilling Equipment, including rotary drilling systems and advanced mudlogging technologies.

OUR SERVICES



Oil and Gas Prospecting:

- Identifying and evaluating hydrocarbon-rich regions using advanced geophysical and geochemical methods.
- Conducting seismic surveys, well logging, and exploratory drilling to ensure accurate resource assessment.

Mineral Exploration:

- Utilizing modern techniques like remote sensing, geochemical analysis, and ground-based surveys to locate mineral deposits.
- Employing eco-friendly exploration methods to minimize environmental impact.

Field Development:

- Implementing state-of-the-art technology, including Integrated Field Development (IFD), to optimize resource extraction.
- Designing and managing infrastructure for production, storage, and distribution of resources.
- Ensuring operational efficiency through advanced monitoring and automation tools.

Environmental and Social Impact Assessments (ESIA):

- Conducting thorough impact assessments to ensure compliance with environmental regulations and social responsibility.
- Implementing mitigation strategies to balance development with sustainability.


Resource Management Consulting:

- Providing expertise on resource optimization and sustainable management practices



EXPLORATION AND PROSPECTING EQUIPMENT

Crownmex deploys state-of-the-art exploration technologies to ensure precision and operational efficiency, including:



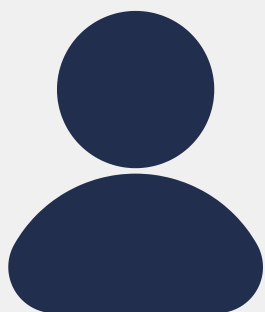
**Magnetotelluric
Sounding Systems**

**FTG (Full Tensor
Gravity Gradiometry)**

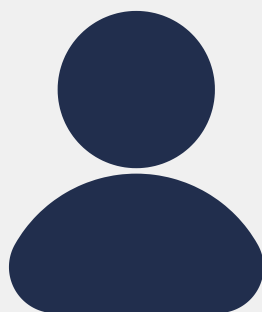
**Stress Field
Detection (SFD)
Technologies**

COMPANY PROMOTERS

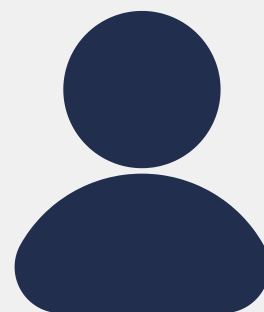
There are six key promoters of the company, each a consummate professional with over 35 years of individual experience spanning the oil, gas, minerals, and financial sectors.



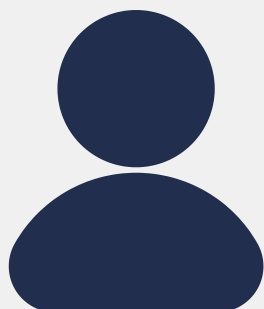
Ishaka Abdu Awatai
Managing Director/CEO



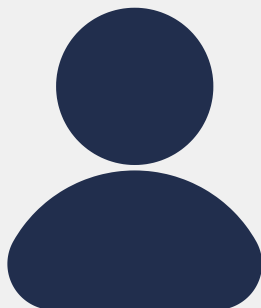
Bomai Abdullahi Dan'asabe
*Chief Operating
Officer/Head of Geology*



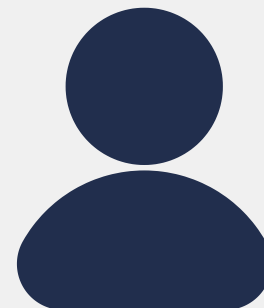
Dr. Lateef Temitope Akanji
*Chief operating officer -
Refinery & Petrochemicals*



Dr. Abubakar. A
*Chief Operations Officer
- Power/renewable*



Silas Emmanuel Ahiaba
*Chief Operating officer -
Finance & Account*



Mr Shuaibu Idris
*Chief Operations Officer -
Business Development*

Ishaka Abdu Awatai



Managing Director/CEO



awataiishaka@gmail.com



+234 703 496 5755

Profile

With over 40 years of experience in refinery operations, LNG Project Engineering, and international oil trading, Ishaka has led operations at NNPC HYSON/CALSON (Lagos) and Duke Oil Company Inc. (NNPC London and Paris). He is a recognized expert in Petroleum Resource Exploration and Business Strategy.

Key Contributions

- Leading negotiations for \$150 million off-take agreements for lithium and Rare Earth Elements (REE).
- Oversaw Duke Oil's global operations, achieving an annual turnover of US\$1.5–2 billion.
- Managed NNPC's Natural Gas Liquids Marketing, generating US\$3 billion in annual turnover.

Education

- M.Sc. Chemical Engineering, University of Bourgas, Bulgaria.
- Higher Diploma for Completed Higher Education in Chemical Engineering, with specialty Oil and Gas.
- Certified in Oil and Gas Management training attachments from institutions and companies such as Chevron West African Office in Abidjan, Phibro Energy (UK/USA), and IHRDC Boston.

Bomai Abdullahi Dan'asabe



Chief Operating
Officer/Head of Geology



adbomai@yahoo.com



+234803 2312910

Profile

With over 35 years of expertise, Bomai is a geologist specializing in exploration and production. His efforts contributed to key oil discoveries in the Chad Basin and Benue Trough.

Key Contributions

Led discovery campaigns, including Nigeria's first commercial oil discoveries in the Kolmani River Basin.

Pioneered non-seismic exploration technologies, reducing project risks.

Education

M.Sc. Petroleum Geology, University of Benin.

B.Sc. Geology, University of Maiduguri.

Dr. Lateef Temitope Akanji (PhD, DIC, FHEA, CEng MEI)



COO - Refinery &
Petrochemicals



lat77777@gmail.com



+234 808 466 0723

Profile

A highly skilled and experienced Chartered Petroleum Engineer with expertise in petroleum field development, energy security, and sustainability. Combines technical skills, academic excellence, and industry knowledge with effective communication and leadership abilities. Expert in petroleum field development, reserves estimation, EOR strategies, gas production, and energy sustainability, with proficiency in computational fluid dynamics, AI platforms, and drilling operations design.

Work Experience

- Director, Petroleum Field Development: Led Volve North-Sea Field redevelopment, static/dynamic reservoir modeling, EOR optimization, and economic evaluations.
- Director, Gas and Gas Condensate Optimization: Developed innovative production technologies with digital automation and remote monitoring.
- Principal Director, BALMS Energy Ltd: Delivered advanced petroleum technology deployment and consultancy services.

Academic Roles:

- Programme Coordinator for Petroleum Engineering at the Universities of Aberdeen and Salford.
- Assistant Professor at King Saud University, Saudi Arabia.
- Visiting Lecturer at Montan University, Austria.
- Lecturer/Researcher at the University of Ibadan, Nigeria.

Industry Roles:

- Senior Reservoir Simulation Consultant, Shell Nigeria: Optimized production from thin oil rims and pancake reservoirs.
- Junior Petroleum Engineer, Pan Ocean Oil Corporation: Managed drilling, production monitoring, and well operations.
- Trainee Engineer, Nigerian Ports Authority: Conducted petroleum cargo inspections.
- Intern, DFRR: Supported rural infrastructure projects in electrical, civil, and water engineering.

Professional Memberships

- Member, Society of Petroleum Engineers (SPE), Energy Institute (MEI), Nigerian Association of Petroleum Explorationists, and American Geophysical Union (AGU)
- Chartered Petroleum Engineer (CEng, CPEng).

Key Achievements

- Developed innovative technologies for enhanced oil recovery and gas condensate production.
- Spearheaded educational programs and established professional bodies like SPE at the University of Salford.
- Designed and implemented sustainable energy and petroleum engineering solutions globally.

Languages

- Fluent: English, Yoruba ; Basic: Arabic, French.

Silas Emmanuel Ahiaba



COO - Finance & Accounts



ahiabasilas@gmail.com



+234 806 406 3962

Profile

A seasoned financial expert with over 35 years of experience in financial management, supply chain operations, and contract administration.

Key Contributions

Managed \$5 billion federal government projects during his tenure at NNPC.

Resolved high-stakes financial disputes, saving over \$400 million.

Promoted community development through initiatives like Favour Health Initiative (FHI).

Education

MBA, Ambrose Alli University.

Fellow, Chartered National Accountants of Nigeria (FCNA).

Dr. Abubakar. A



COO - Power & Renewable



ahiabasilas@gmail.com



+234 806 406 3962

Profile

Dr. Abubakar is a highly accomplished electrical engineer, researcher, and energy sector leader with over 35 years of experience. He has held key positions in Nigeria's power sector and academia, with significant contributions to renewable energy and power systems. Dr. Atiku's expertise in energy management, renewable energy, and academic research makes him a distinguished figure in Nigeria's energy transformation journey. His leadership in power infrastructure development aligns with CROWNEX's mission of driving innovation and sustainability.

Key Contributions

- Led Nigeria's first 5KW wind energy project.
- Member of Nigeria's Energy Master Plan, advancing nuclear power initiatives.
- Former CEO of Transmission Company of Nigeria (TCN), enhancing power reliability.
- Chairman, West African Power Pool (2015–2017), promoting regional energy collaboration.
- Published 20+ research papers on renewable energy and power systems.

Research and Academia

- Associate Professor at Usmanu Danfodiyo University, leading research in sustainable power systems.
- Recognized expert in renewable energy research, focusing on solar and wind energy integration.

International Exposure

- Represented Nigeria in global energy conferences and training programs.

Education

BSc in Electrical Engineering, ABU Zaria

B.Eng, M.Sc, and Ph.D in Electrical Engineering (University of Strathclyde, UK).

Mr. Shuaibu Idris, MNI



COO - Business Development



ishuaibu111@gmail.com



+234 8034445467

Profile

A seasoned professional with extensive experience in strategic management, banking, finance, HR, marketing, and corporate governance. Currently the Managing Director/CEO of Time-Line Consult Limited, leading client engagements across West Africa.

Key Contributions & Roles

Managing Director/CEO, Time-Line Consult Limited

- Provides strategic leadership and operational management for consulting solutions.

Deputy Managing Director, Dangote Flour Mills Plc

- Oversaw critical operations, including Supply Chain, HR, and Marketing.
- Held key positions such as Group Treasurer and Executive Director of Sales & Marketing, contributing to organizational restructuring and operational excellence.

Expertise in Banking & Finance

- Senior management roles in leading Nigerian banks.
- Specializes in investment banking, financial structuring, and client relationship management.

Education & Professional Development

Academic Degrees

- M.A. in Banking and Finance, University of Wales, UK.
- B.Sc. in Accounting, Bayero University, Kano, Nigeria.

Executive Programs

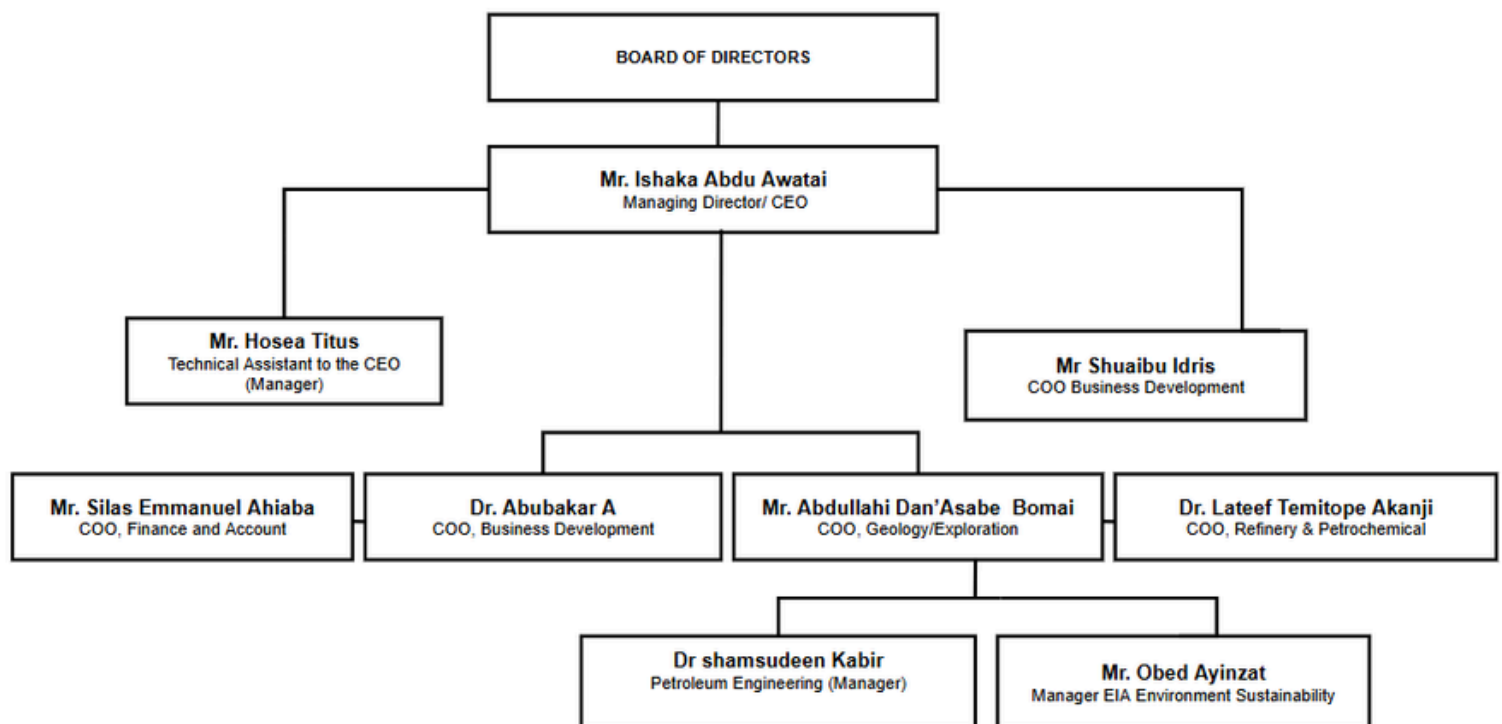
- Advanced Management Program (Lagos Business School & Harvard Business School).
- Advanced Leadership Program (University of Cambridge).
- National Policy and Strategic Studies (NIPSS).

Professional Affiliations

- Fellow of several institutes, including the Institute of Credit Administrators (FICA), Association of National Accountants of Nigeria (FCNA), and Institute of Directors (IoD).
- Active member of economic and strategic organizations like the NESG and NIPSS.

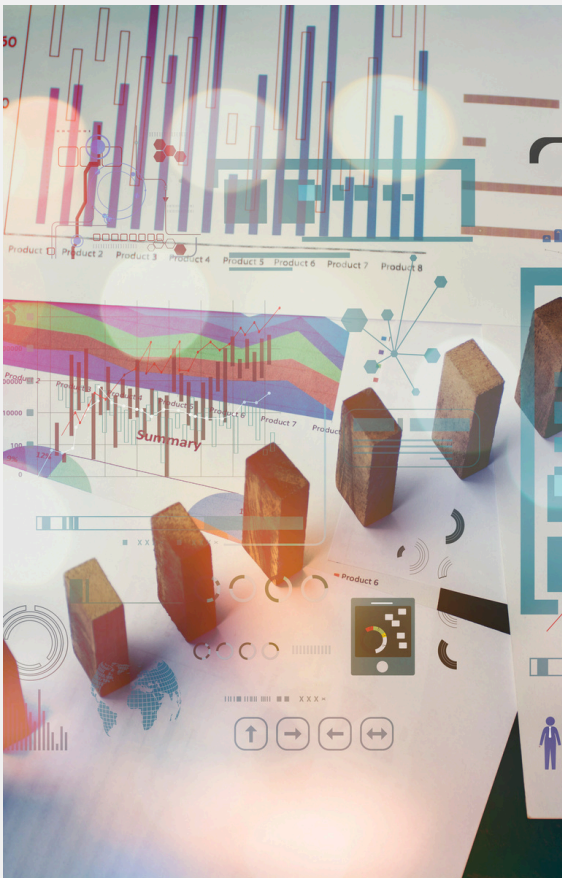
Management Team

The management team at Crownmex Exploration & Development Ltd comprises a select group of highly experienced professionals across various fields. Their expertise ensures the efficient execution of our projects and the achievement of our strategic goals. The chart below highlights the core members of our management team.



Company Assets

Crownmex has secured over 400 sq. km of critical industrial, rare earth, and precious mineral-rich sites across Northwest and North Central Nigeria, valued at over \$3 billion.



Current Partnership: A \$500 million off-take agreement with China Shandong International Economic and Technical Cooperation Group Ltd, facilitating efficient mineral exports.

LEGAL ADVISORS

Ahmed Raji and Co (ARC)

Established in 1999 as a medium size law firm, Ahmed Raji & Co [ARC] lawyers were primarily solicitors to banks and financial institutions. A sustained growth in clientele and portfolio spurred an expansion in the size of the firm with offices in Abuja, Lagos and Kano.

ARC is a reputable international law firm comprising a team of dynamic and skilled lawyers. The Principal Counsel, Ahmed Raji (S.A.N) FCI Arb.(UK) has considerable experience in the public sector having being a Resident Electoral Commissioner in different States in Nigeria. He has been retained as counsel in several landmark cases, and the firm continues to be involved in notable cases in all areas of law including but not limited to Public law, Administrative law, Energy law, Corporate law, Taxation, Maritime & Admiralty, Real Property, Human Rights, Intellectual Property, Telecommunications, Debt Recovery, Criminal and Civil litigation.

At ARC, our lawyers are chosen for their intellectual prowess, positive strength of character and professionalism. To further position them as ideal advocates and solicitors, ARC equips them with substantial, relevant and diverse working experience with private clients, government institutions, and international entities, thereby exposing them to the fast growing dynamics of best practices.

ARC is committed to providing its clients with a global network of innovative legal solutions, coupled with an unrivaled dedication to quality counseling and advocacy to achieve the best desired results. The quality of our services at ARC and the direct impact on the nation position us as veritable agents of social engineering.

Contact

Abuja, Nigeria

10 Santana Close, Off Fandriana Close, off
Malakal Drive, off Oda Crescent, off Dar-Es-
Salam Street, Wuse II,
Abuja, Nigeria.

Tel: +234 80 6663 7291

E-mail: info@ahmedraji.com

London, United Kingdom

C/o Thomas Andrew & Daodu (Solicitors) 42,
Homer Street,
W1H 4NN
London, United Kingdom

Tel: +234 80 6663 7291.

E-mail: info@ahmedraji.com

Company Summary

Company: Crownmex Exploration and Development Ltd Company

Address: Plot 114, Otumba Kayode Oke Close, Asokoro Abuja

Field Offices: Sokoto, Kebbi, Zamfara, Kano, Katsina, Jos

Telephone: +234 7034965755

Date of Incorporation: 25th November, 2013

Registration Number: RC 1155401

Authorized Share Capital: N100, 000,000.00 made up of 100,000,000 ordinary shares of N1.00 each.

Nature of Business: prospecting, exploration, and development of oil, gas, gold, rare earth and industrial minerals.

Auditors: Time-Line Consult

Ownership Structure: 100% Nigerians (for now)

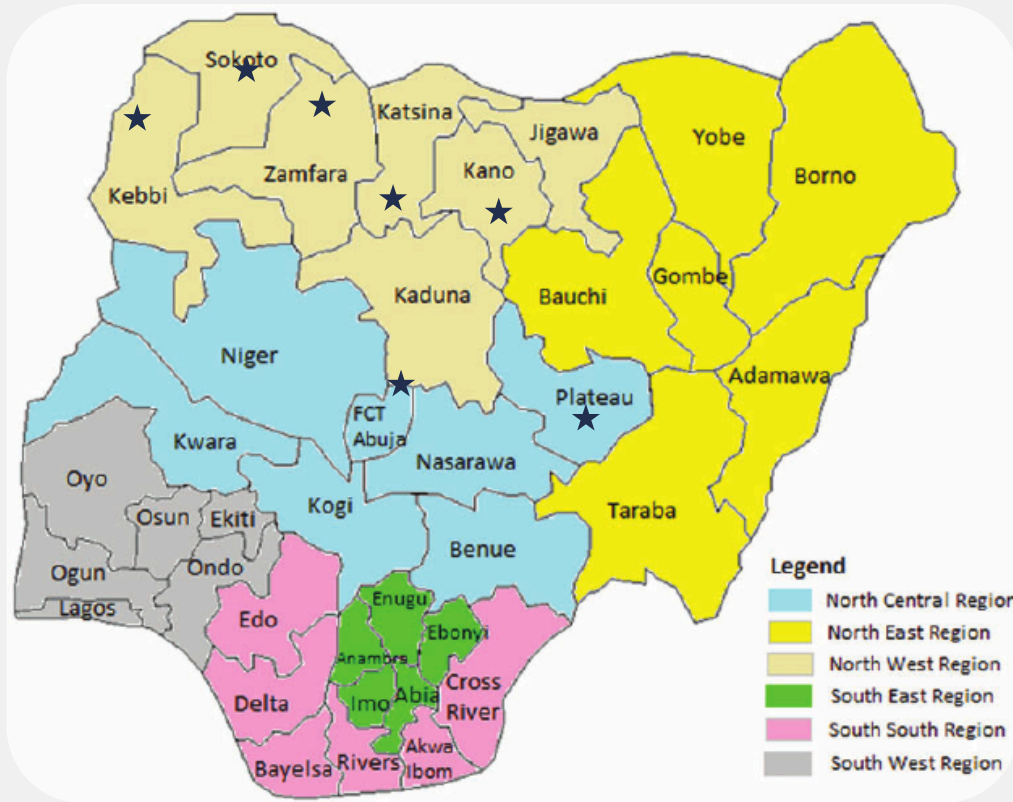
Manpower: 40 employees

Solicitors: Ahmed Raji & CO

Bank: Zenith Bank Plc, UBA Plc

Operating from our headquarters in Abuja, with field offices across Nigeria, Crownmex employs cutting-edge techniques to unlock untapped resources, contributing to the nation's economic growth and energy security

Explore some highlights of Crownmex Exploration & Development Ltd through visuals that showcase our expertise, cutting-edge technologies, and commitment to excellence.



Map of Nigeria showing company locations

Our partner headquarters in Baohe District Heifei, Anhui Province, China



ANHUI CERTIFICATION IN CHINA

In 2002, the Institute obtained the ISO9001 quality management system certification. In 2004, it obtained the OHSAS18000 occupation health and safety management system certification.



EXPLORATION AND PROSPECTING EQUIPMENT



Field work in Russia



Electrical geophysical survey



Magnetic Survey: Oil, gas and solid mineral



Oil exploration and drilling rig



DATA ACQUISITION



BGP has been employing the PAI-Desert sub-package in seismic projects in such desert areas as Taklimakan, Sahara, and the Middle East, with unparalleled performance for many oil companies around the world. BGP-developed components in the package include the auger drill and sand dune curve static corrections, with advanced features embedded in interpretation and characterization of carbonate reservoirs.

■ Equipment






■ Acquisition




■ Shooting




■ Static Corrections





■ Data Processing






■ Interpretation



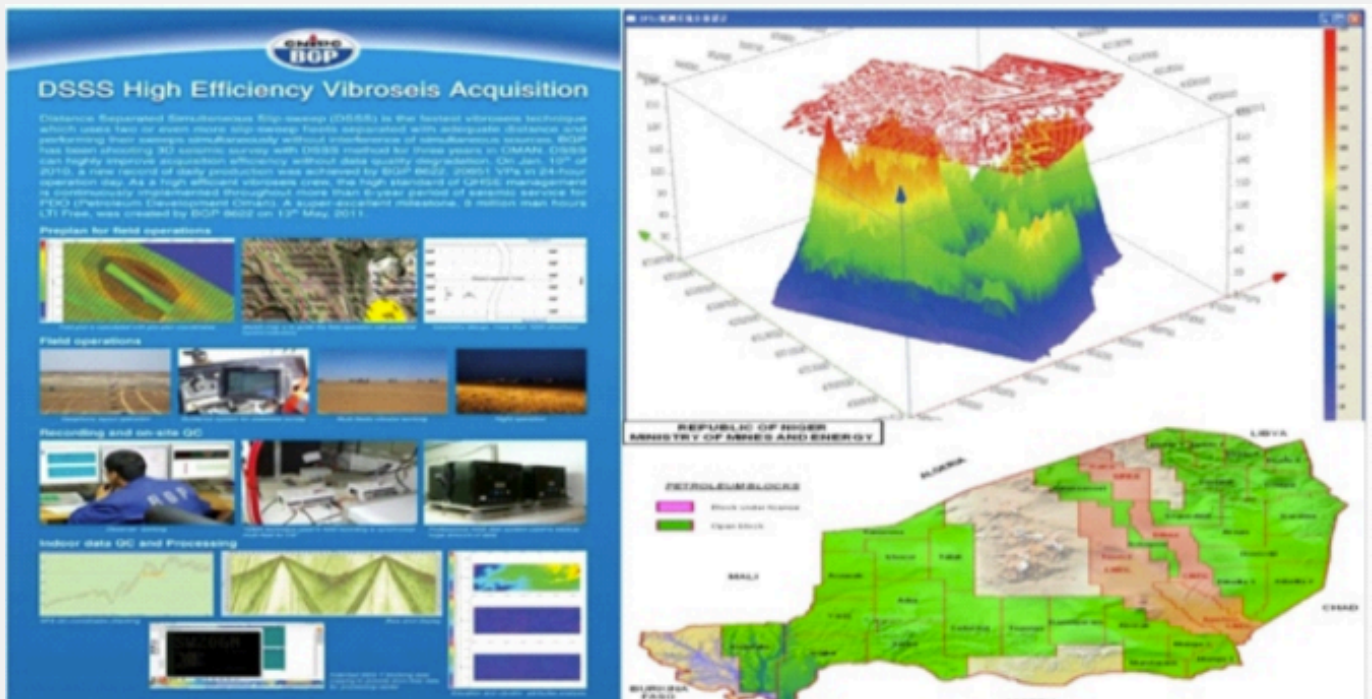



中国地质调查局地质研究所
BGP Inc. China National Petroleum Corporation



中国地质调查局地质研究所
BGP Inc. China National Petroleum Corporation

Desert & Oil



Data Acquisition

REFINERY AND PETROCHEMICAL



PROCESSED INDUSTRIAL AND RARE EARTH MINERALS FROM THE COMPANY



Lithium concentrate



Copper concentrate



Monazite concentrate



Monazite ore



Gold



Tungsten concentrate

Crownmex Exploration and Development Limited



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Oke Close Asokoro,
Abuja FCT, Nigeria



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