

The background of the cover features a photograph of a building with a traditional-style roof and lush green foliage in the foreground. A large, semi-circular red overlay with a white border is positioned on the right side of the image, framing the title text.

COMPANY PROFILE



01

Who we are

Our Vision, Our Story,
Timeline & Growth,
Our Values.



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What we do

Clean Cooking
Terminals & Infrastructure
Trading & Distribution
Retail Marketing
Energy Generation
Technology
Financial Services
Industrial



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Our Forte
Cocoa Processing
Cloud Solutions
Data Centres
Pipelines
Terminal Facilities



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300 + years of Collective
Experience



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Partnerships

Bankers & Auditors
Finance Partners
Trading Partners
Power Generation Partners
EPC Partners



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Contact Details

House No. 8,
2nd Rangoon Close
Off Josif Broz Tito Avenue
Cantonments, Accra
Ghana

An innovative and project oriented Group
which has grown from a single trading
business to multiple highly interlinked and
interrelated businesses.

Our vision is to invest and build partnerships in key growth sectors to support Africa's growth.

ARCH
HOLDINGS

SAGE

Newgas

Quantum
Terminals Group

POWER
fuelling possibilities

Remcash

BLUERAY
AUTOMATION

Quantum

ARCH
SOLUTIONS

andaris

FORTEK

CARDINAL
PETROLEUM

Our Core Values

Leadership

Leadership means more than just guiding the team - it means inspiring excellence.



1

Human Capital Development

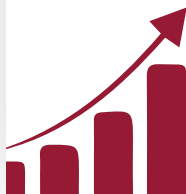
We are committed to the growth and development of our greatest asset - our people.



2

Value Generation

We are dedicated to generating exceptional value for our customers, stakeholders and the society.



3

Innovation

Innovation is at the heart of everything we do. We encourage creativity, experimentation, and a forward-thinking mindset to continuously improve our offerings and processes



4

We are committed to excellence, growth
and innovation.



We consistently strive to leverage our core competencies to create new opportunities.

We have thriving businesses in a number of industries;

Clean
Cooking

Terminals &
Infrastructure

Trading &
Distribution

Retail
Marketing

Energy
Development

Technology

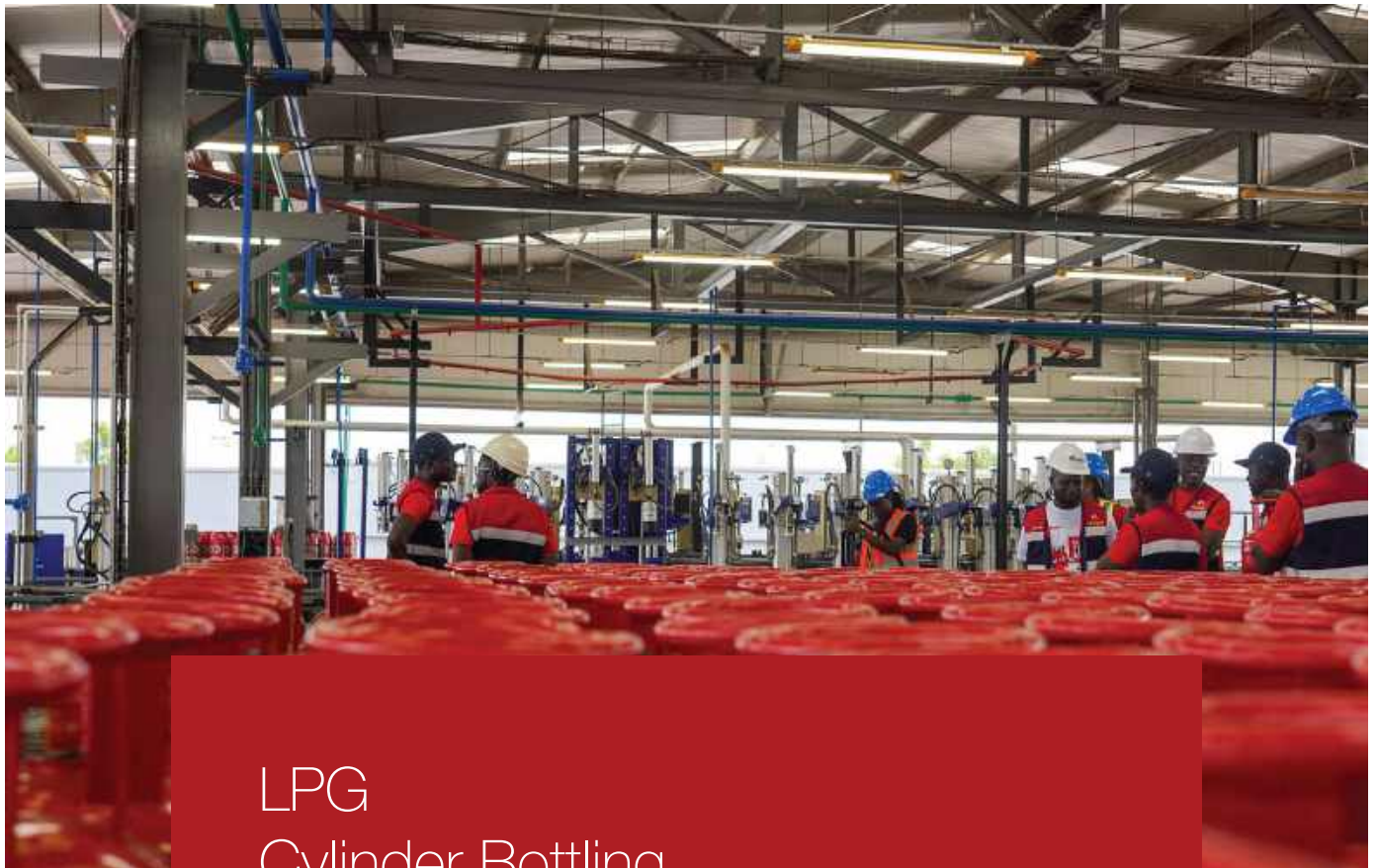
Financial
Services

Industrial



CLEAN COOKING

Our LPG technology is designed to deliver convenience without compromising on eco-friendliness.



LPG Cylinder Bottling

In Line with Ghana's transition towards adopting the Cylinder Recirculation Model (CRM) to promote LPG as a clean cooking fuel, Newgas is actively establishing multiple LPG cylinder bottling facilities across the country. These facilities will play a crucial role in the efficient distribution and widespread adoption of LPG, helping to replace the traditional use of wood fuels for cooking.

The first bottling plant is located in Tema, marking a significant step forward. Following this, another plant is planned for Kumasi, with four additional satellite plants to be strategically positioned across key regions of Ghana.

These initiatives highlight Newgas' commitment to fostering a cleaner, more sustainable energy landscape and promoting broader acceptance of LPG as a safer and more eco-friendly cooking alternative.



Tema Bottling Facility

The Tema Bottling facility is being developed in two phases. The first phase, now completed, has the capacity to fill over 25,000 LPG cylinders per day across its two carousels and two filling stands.

The installed filling capacities per hour are as follows: 1,400 cylinders for 3kg cylinders, 1,800 cylinders for both 6kg and 12kg cylinders, and 26 cylinders for industrial cylinders.

The facility is equipped with an Automated Terminal Management system, palletizer, cylinder maintenance line, cylinder washing machines, inline valve changing system, control room, and firefighting system.

In the second phase, two more carousels will be added, increasing the facility's capacity to fill over 51,000 LPG cylinders per day.

location:

Tema

product:

LPG

filling capacity:

**over 25,000 LPG
cylinders per day**

filling capacity per hour:

**3kg- 1400 cylinders
6kg- 1800 cylinders
12kg- 1800 cylinders
50kg- 26 cylinders**



Kumasi Bottling Plant

The Kumasi facility will be equipped with two 24-post carousels capable of filling 6 kg and 12 kg, cylinders. Additionally, it will have two 12-post carousel lines for 3 kg cylinders. It will also have a 6 points stationary filling line for the larger 50 kg cylinders and 2 points filling machine 425 kg cylinders.

The Plant will also have LPG cylinder requalification facilities for periodic testing and painting, Cold Repair of Cylinders, inline valve changing system, Degassing Stations, cylinder purging facility, and other supporting facilities including utilities and buildings, Construction of this facility is expected to be completed by the end of first quarter of 2026

Satellite Bottling Facilities

The group aims to establish four satellite LPG bottling facilities across Ghana. Our aim is to extend our network to remote and rural areas, reducing transportation costs, and ensuring a reliable supply of LPG to these communities. These satellite bottling facilities will enhance supply chain resilience by minimizing disruptions, reducing bulk transport risks, and support community economic development through the creation of jobs.

Overall, the satellite facilities will help improve accessibility, convenience, and safety for consumers in these remote communities, contributing to a more efficient and sustainable energy distribution system.



Quantum
TK-501

TERMINALS & INFRASTRUCTURE

Unending Quest to deliver Unmatched Storage Solutions
at the Right Locations.



Atuabo LPG Facility

This facility is an LPG Evacuation Terminal at Atuabo, near the Ghana Gas Processing Facility. It receives LPG produced at the Ghana Gas Processing Facility for storage and loading to the market.

This Facility has a 750MT LPG storage capacity and can load up to 1500MT per day across its eight (8) truck loading bays. The facility has an automated Terminal management system and is equipped with weighing bridges at the entry and exit points; a Control Room; a large Truck Park; a well furnished waiting area and canteen for drivers.

The facility, valued at USD 25 million was partly funded by Standard Chartered Bank (UK and Ghana) and supported by GuarantCo, a credit guarantee company. Construction started in May 2013, was completed in November 2014 and loading operations started on 5th December, 2014.

location:

Atuabo

product:

LPG

storage capacity:

750MT

loading bays:

8

facility value:

USD 25 million



Tema LPG Facility

This is an LPG Storage and Evacuation Terminal at Tema.

The facility is being constructed in 2 stages. The first stage, which is the construction of a 1800 Cubic Metres LPG storage with 4 loading gantries at a cost of USD13 million, was completed and commissioned in 2021.

An extra 600 Cubic metres of LPG Storage will be added during the second stage at an estimated cost of USD 2m.

location:

Tema

product:

LPG

storage capacity:

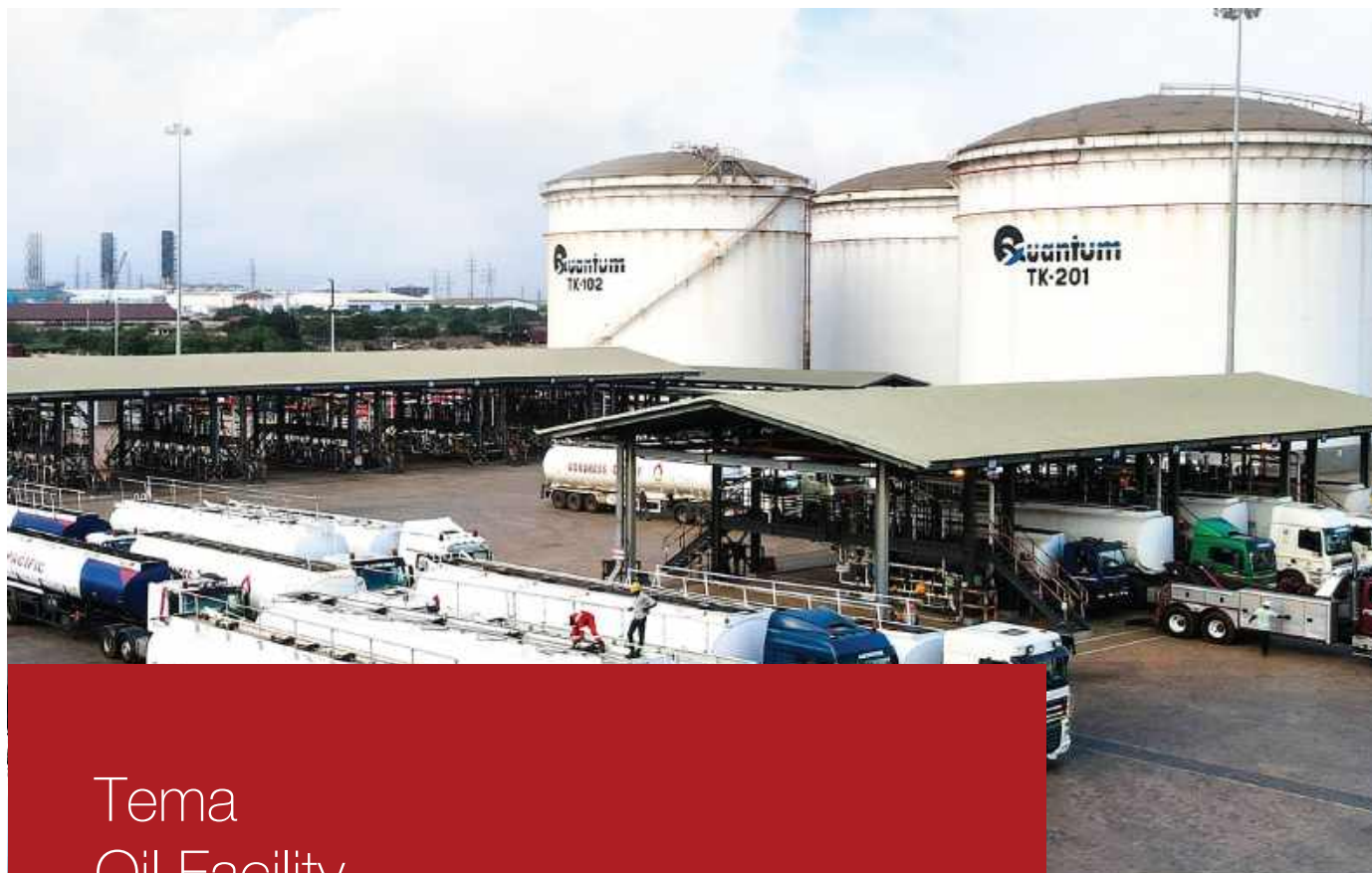
750MT

loading bays:

4

facility value:

USD 13 million



Tema Oil Facility

This facility started operating in November 2018 and has a 30,000 MT Gasoil and 25,000MT Gasoline storage capacity giving the facility an initial storage capacity of 55,000 MT. Our excellent location in the Port City makes this facility ideally placed to receive most tanker sizes and also undertake regional distributions.

The facility has a truck park that can hold up to 75 trucks at a time and has the capacity of loading out 15,000,000 liters of products daily, from its 16-truck loading bays. The facility is fully automated and has an automatic inline additivition system, the only one of its kind in Ghana. The Facility is valued at about USD78 million.

A second phase of the project will add a further 60,000 MT to the storage capacity.

location:

Tema

products:

Gasoil & Gasoline

storage capacity:

55,000MT

loading bays:

16

facility value:

USD 78 million



Tema Gas Facility

This is a propane rated storage terminal made up of 3 spheres with a total storage capacity of 13,600 cubic meters.

Construction of this facility also included the construction of a nine (9) kilometer twelve (12) inch propane rated pipeline from the Tema Jetty through the Tema oil Refinery (TOR) to the Terminal, vapour recovery system, fire fighting system, pumps and pipeline to a 400MW power plant, costing USD 86 million. This was commissioned in March 2020.

The facility, originally developed to store propane to power the 400MW Power Plant, is now being used to support the Group's LPG trading activities.

location:

Tema

products:

Propane

storage capacity:

13,600MT

facility value:

USD 86 million

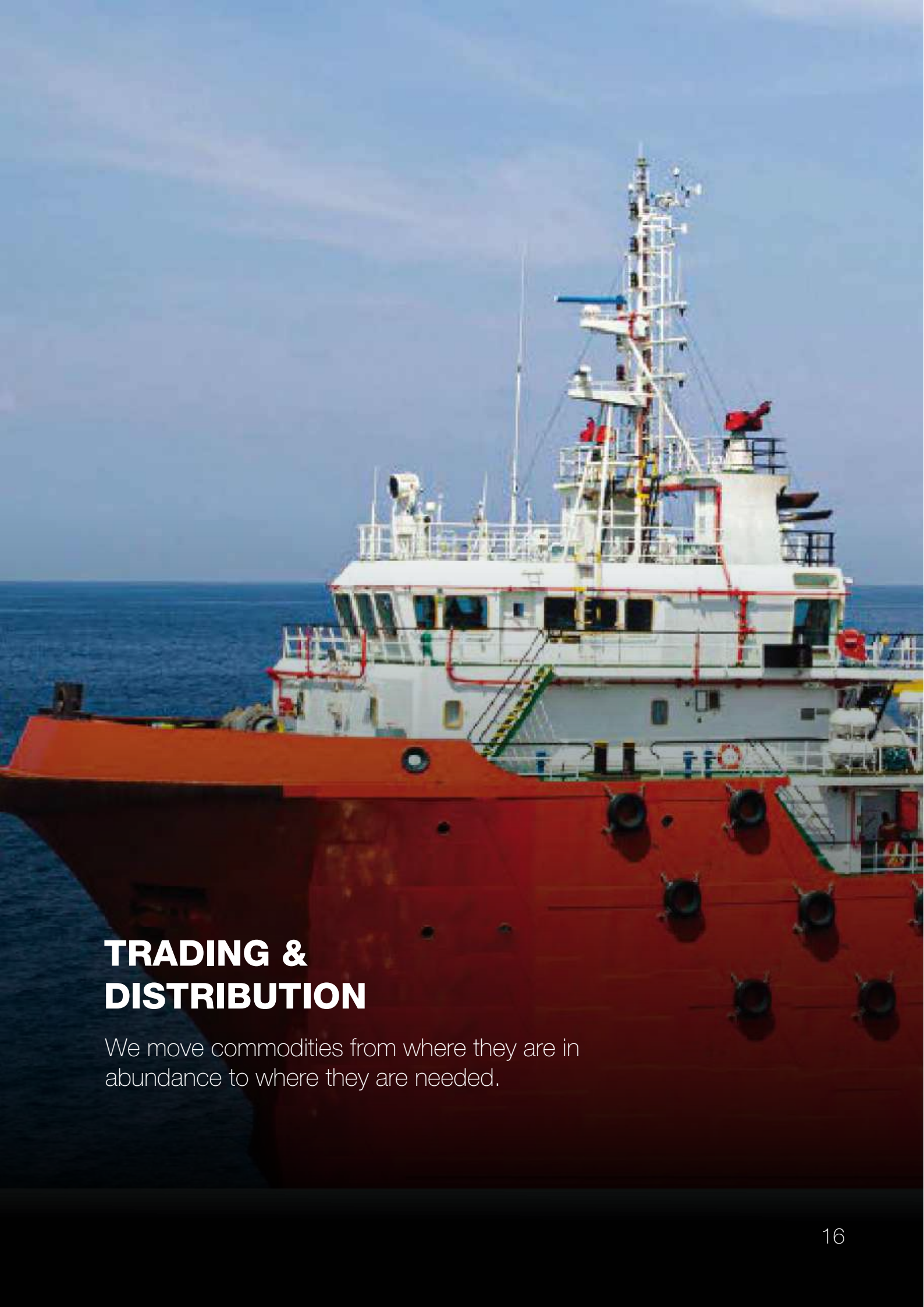


LPG Pipeline

This project involves the engineering, procurement and construction of a 1,000 metre, 10-inch underground LPG pipeline with redundant custody transfer metering station and control system.

Commissioned by the Group, this project enables tie-in between Sentuo Oil Refinery's 3,000 mt LPG storage and transfer systems and Quantum Terminal's existing 12-inch LPG import pipeline and 8,000 Mt of storage. This ensures safe evacuation of LPG from Sentuo to Quantum Tank Farm. The pipeline can also be used for LPG evacuation from Sentuo by other LPG Terminals connected to Quantum Terminal's 12-inch pipeline through the 14-inch tie-in header, in the Tema Oil Refinery.

This project augments available storage at Sentuo Oil Refinery, thus ensuring uninterrupted production. It also helps to minimize high-risk BRV loading activities close to Sentuo's production facilities.



TRADING & DISTRIBUTION

We move commodities from where they are in abundance to where they are needed.



Petroleum Trading

We move commodities from where they abound to where they are needed.

Our in-depth awareness in Global market developments coupled with our local presence in West Africa, puts us in an ideal position to provide adequate solutions for our clients.

Currently one of the leading trading companies in Africa with active trading in West Africa. A key Bulk Distributor on the Ghanaian market serving a number of key Oil Marketing Companies.

A key off-taker of LPG produced by Ghana Gas Processing Plant which processes gas from the jubilee fields.

We trade:

Gasoil
Gasoline
ATK
Fuel Oil
LPG
Condensate



RETAIL MARKETING

End to end value delivery of Petroleum products and related services to the consumer is our Goal.



LPGMC & OMC Network Management

We invest, operate and manage Oil Marketing Companies (OMC) and LPG Marketing Companies (LPGMC).

We currently operate a network of Fuel Service Stations spread across all the regions in Ghana through two (2) OMC's. We also have investments and strategic alliances with 4 LPGMC's with filling stations across the country.

Power Super & Power Diesel

The key objective is to deliver quality fuels and excellent customer experience at each of our network stations and beyond.

Power Super & Power Diesel are enhanced with specially formulated additives which give our customers more value and also helps us to build brand loyalty for our OMC's.

Launched in 2011, it was marketed and dispensed at all our fuel station outlets.

OMCs:

2

LPGMCs:

4



Value-Added Services

Power Cards

Our Power Cards offer a secure and convenient way for clients to manage their fleet operations. Beyond security, these cards provide valuable insights into customer purchasing patterns, allowing us to serve you better with tailored solutions.

Lubricants

We proudly market ENOC, a premium lubricant brand from the United Arab Emirates, ensuring that our customers in Ghana have access to high-quality engine oils and lubricants. Available at all our OMC outlets, ENOC products help keep your vehicles running smoothly and efficiently.

Power Platform

Designed for smart business and personal decision-making, the Power Platform collects, processes, and analyzes geospatial data to provide real-time insights. With this technology, locating any power station is just a click away.

Logistics & Support

Logistics

With a robust fleet of bulk road vehicles, we specialize in the safe and efficient transportation of petroleum products for our OMCs. Through continuous investment in cutting-edge technology and strategic infrastructure, we ensure reliable supply chain logistics.

Engineering

Our expert engineering team handles the maintenance and repair of fuel pumps, underground storage tanks, and haulage trucks across the Group. Additionally, they oversee the construction and refurbishment of fuel stations, ensuring operational excellence and safety at every location.



ENERGY DEVELOPMENT

Consistently pushing the Boundaries.



Early Power Project

We are co-developers and a 20% equity partner in the 400MW Early Power Project currently under construction in Ghana together with GE and Endeavor.

The plant can operate on propane, natural gas and Diesel.

The plant is being developed in two stages;

Stage 1: 194MW

Stage 2: Additional 206MW

Total estimated cost of the project is \$953m

Stage one of the project was completed in July 2024 and is now generating power to the Ghana Electricity Grid.

location:

Tema

capacity:

400MW

partners:

**GE
Endeavor**

project cost estimate:

USD 953 million



TECHNOLOGY

We are Constantly Innovating and Evolving.

Apps Development

All Group systems and applications development as well as maintenance are customized, developed and maintained internally by the Group IT Applications team.

The team is responsible for developing the accounting, reporting and analytic systems used by all the subsidiary companies within the Group, the automation of the terminal systems at all our terminals and the integration of all the various systems into one central source.

Customization of the Groups Enterprise Resources Planning (ERP) and Analytics systems for the various sub companies are also handled by the team.

Cloud Solutions

The group has gained a lot of knowledge and expertise from building several in-house applications and solutions over the years and has put together a team and cloud infrastructure to leverage on our experiences to provide key services to SMES and Enterprises in Ghana and beyond.

The teams remit is to provide

- * Business Solutions and relevant applications using containerized implementation
- * Storage backup services and
- * Cloud VM and infrastructure as a service (IAAS) solutions

Key Solutions currently available include;

- * Smart Business (Business management software)
- * Smart Storage (Information management and storage)
- * Smart Communications (Personalized email solutions)
- * Smart Analytics (Business intelligence software)
- * Smart Office (Customized open-end office suite)
- * Smart Commerce (E-commerce platform)

Other specialized solutions to be provided include; RFID based solutions, Location based solutions and Petroleum industry stock management solution.



FINANCIAL SERVICES

Focused on bringing new financial solutions
to the market.

Payment Platform

Remcash is a mobile first fintech that enables customers to pay bills and send remittances to family and friends using a number of payment options including local payment methods.

The service offers pay-out options including the regular instant cash pickup from agents, bank deposits with partner banks, transfers to mobile wallets and delivery within the remotest areas in the pay-out country. It also offers users the opportunity to do various transactions via either their bank cards or through the use of QR codes.

A key feature of the Remcash offering is that it allows customers to send smaller denominations than most money transfer services will allow.

Fintech Platform

Fortek Financial Hub Limited is Financial Platform Services Provider focused on enabling incumbent financial institutions, fintechs and other corporations to bring new financial solutions to market.

Fortek's overarching drive is to evolve the digital banking landscape by enabling financial institutions and fintechs to bring new payment solutions to the market. We are therefore open to either develop tailor made solutions or integrate any of our Banking-as-a-Service solutions with the existing apps of financial institutions, fintechs and other corporations.

Our approach is to put the customer first in all we do. This means providing cost effective but key and relevant solutions that are flexible and simple for our customers to use. To do this we connect our customers to an ecosystem of key integrations with other key stakeholders within the financial services and allied services sector to make the overall experience of our customers simpler, quicker and easier.



PROJECTS OUR FORTE

We aggressively seek and develop new opportunities that exploit our core competencies.



Our Forte

We aggressively seek and develop new opportunities that exploit our core competencies.

Our skilled staff have the expertise to quickly adapt the tasks at hand and make critical decisions based on the current situation, the market place, available technology and likely future trends. They are thus able to determine the viability and potential success or otherwise of each project.

Projects that pass our viability test are further developed to the point where they are bankable and thus attractive to investors so they can be funded.

We blend our business acumen, strategy and insight to ensure each project we undertake achieves the set objective irrespective of the size of the project.

Understanding the facts, risks and opportunities is only half the battle; we bring our creativity and innovation to bear in making our projects successful.

A close-up, low-angle shot of a yellow excavator's arm and bucket at a construction site. The excavator is positioned on a dark, muddy ground. In the background, there are blue mountains under a cloudy sky. A worker in a high-visibility orange and yellow safety vest is visible through the excavator's glass cab.

UPCOMING PROJECTS

We aggressively seek and develop new opportunities that exploit our core competencies.

Data Centres

Times have changed, and the demand for information is higher than ever. With the aid of technology, 21st business operations have shifted from manual processes to real-time information flow.

Ever since the internet became an everyday necessity, the demand for real-time data transmission by organizations is at an all-time high.

We aim to build state-of-the-art Tier 3 data centres in Ghana to provide all-inclusive IT services targeted at the Micro to Medium scale entities who aspire to take advantage of technology to leap-frog competition.

Our teams of highly trained and experienced professionals in diversified fields including Information Technology, Accounting, Finance & Audit and Strategic Investments are poised to consistently deliver relevant solutions and value to our clients.

Total cost for the project is estimated to be in excess of US\$95m.

Tema Liquid Products Pipeline Project

This project involves the construction of two 18-inch diameter pipelines, each 2.6 kilometers long, from the Sentuo Oil Refinery to interconnect with the existing import pipelines. The pipelines will connect two 18-inch product pipelines from the Gao Station at the Valco Bridge, with a booster station and related ancillary facilities.

Commissioned by the Group, this project aims to facilitate the speedy and safe transfer of gasoline and gasoil products from the Sentuo Oil Refinery through the Valco Bridge Interconnection and Booster Station to all depots in Tema, both private and state-owned.

This initiative will eliminate the current congestion of Bulk Road Vehicles around the Sentuo Oil Refinery, reducing the associated safety risks. It will also increase the number of trucks that can be loaded from the refinery by expanding the loading points through the depots, thereby enhancing product distribution across the country. This improvement will reduce vehicle turnaround times and prevent stock-out situations.

Additionally, the project will decrease the lengthy waiting periods for loading due to limited gantry availability, positively impacting the environment.

The project is estimated to cost USD 7.5 million for the construction of the pipelines and booster stations and is expected to be completed by quarter three (3) of 2025.

Expansion of Tema Oil Facility

The expansion of the Tema Oil Facility will include the addition of three (3) 20,000MT storage tanks, increasing the total storage capacity to 115,000 MT.

The project will also see the construction of two more Gasoline loading bays and the addition of four metering skids, raising the total number of loading bays to 18 and metering skids to 36.

Engineering work for the project has already been completed, awaiting regulatory approval to proceed.

Kumasi Oil Facility

This project involves the construction of six (6) 15,000MT storage tanks to create a total storage capacity of 90,000MT. The facility will have 45,000MT each, storage for both Gasoline and gasoil.

Development activities are far advanced and also approval processes have commenced to enable the project take off.

Expansion of Tema Gas Facility

These expansion projects represent a major investment in LPG storage and distribution infrastructure, aimed at meeting growing market demand, enhancing operational efficiency, and strengthening supply chain resilience. The planned upgrades will significantly increase storage capacity, improve loading efficiency, and optimize logistics management.

LPG Storage Capacity Enhancement

To boost storage capacity and ensure greater supply stability, the facility will add:

- 1 x 600 m³ propane-rated bullet tank, expanding the existing fleet of three 600 m³ tanks, representing a 25% increase in bullet storage capacity.
- 1 x 6,000 m³ propane-rated spherical tank, complementing the existing storage assets

(1 x 6,000 m³ and 2 x 3,800 m³ tanks). This upgrade will significantly enhance overall storage capacity, ensuring a more stable and reliable supply for regional markets.

Project Timeline:

Contractor selection is ongoing, with construction expected to start in August 2025. Estimated Completion is within 12 months of the start of the project.

Loading Bay Expansion

To streamline loading operations and reduce turnaround time, the facility will expand its LPG loading capacity by adding:

- 2 additional loading bays, increasing from 4 to 6 bays.
- Integrated weighing bridges at each new bay for accurate measurement and efficient logistics management.

Project Timeline:

Equipment procurement is in progress, with construction expected to start in May 2025. Estimated Completion is within 4 months of the start of the project.

These strategic expansions reinforce our commitment to operational excellence, efficiency, and market responsiveness. By enhancing storage, loading, and logistics capabilities, we are ensuring a stronger, more reliable LPG supply chain for the future.

Kumasi Oil Facility - Unlocking Fuel Security & Market Growth

The Kumasi Oil Facility is a strategically located fuel storage and distribution depot that is set to enhance fuel security, logistics efficiency, and market accessibility in Ghana. Situated in New Koforidua near Ejisu, approximately 48 km from the congested Kumasi Industrial Area, the facility is designed to reduce supply chain bottlenecks while ensuring seamless fuel distribution across the region. The facility will operate on a 30-acre parcel, with an additional 10 acres being secured for a dedicated truck parking area.

With a total storage capacity of 130,000 metric tons, the facility features dedicated infrastructure for both gasoline and gasoil. The gasoline storage complex includes three

20,000 MT tanks, two 10,000 MT tanks, and two 5,000 MT tanks, while the gasoil section comprises three 10,000 MT tanks and two 5,000 MT tanks. Supporting infrastructure includes a 5-million-litre fire water tank and a 500,000-litre slop tank for waste management.

To ensure rapid and efficient fuel distribution, the facility will be equipped with 25 dual-arm loading bays (top and bottom loading) and 25 discharge bays for incoming trucks. The pumping system is optimized for high throughput, featuring eight dedicated pumps for gasoline and eight for gasoil.

Fire safety is a top priority, with four fire pumps (two electric and two diesel), supported by hydrants and sprinklers. The facility also includes essential utilities such as a transformer, backup generators, Motor Control Centers (MCC), Batch Control Units (BCU), and a SCADA/RTU system for automated monitoring and control.

Beyond core operations, the facility offers a fully equipped laboratory for quality control, an office block with driver waiting areas and a canteen, and ample truck parking space to streamline logistics.

The Kumasi Oil Facility will be a modern, high-capacity fuel storage hub designed for efficiency, safety, and scalability. Its strategic location outside congested industrial zones, combined with advanced infrastructure, will make it a key asset for fuel distribution in the region.

Cocoa Processing

Key to the Group's philosophy is identifying needs in key growth areas and providing solutions to meet those needs.

Currently less than 30% of the cocoa produced in Ghana is processed locally. Meaning lesser profit margins for the nation and people as a whole. In addition to this, there is more demand for processed cocoa globally than can be supplied presently.

The Group is thus actively working to get into the cocoa industry with the aim of;

- Providing long term supply of processed cocoa products to meet market demand
- Adding to the processing capacity of Ghana,
- Improving Ghana's value derived from cocoa and
- Improving the standard of living of its people through employment

To accomplish this, we have put in motion the processes to build an 80,000 Metric ton annual capacity cocoa processing plant aimed at processing cocoa beans into Cocoa Liquor, Cocoa Butter, Cocoa Cake and Cocoa Powder.

In addition to the processing of cocoa beans, the Group is acquiring lands for Cocoa cultivation and will also plans to explore outgrower schemes to secure supply of cocoa beans for the plant.

Cocoa Manufacturing

We will also set up a chocolate processing facility to produce chocolate products for the retail market in Africa and Europe. We aim to package and export both semi finished and finished cocoa products produced from Ghanaian fine grade one quality cocoa beans.

The finished product line will include;

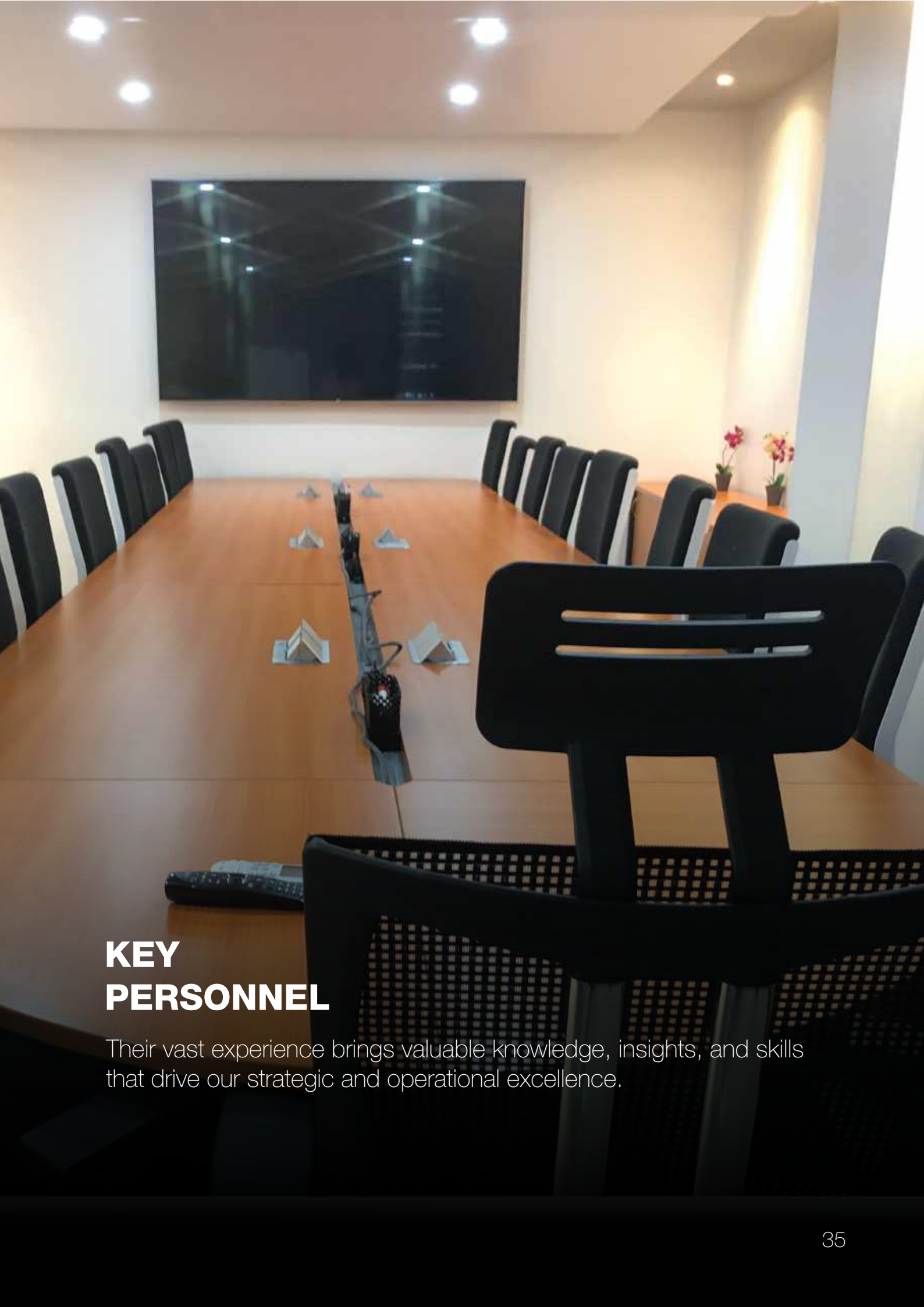
- Chocolate bar line [Dark chocolate (fruits & nuts)]
- Milk chocolate (fruits & nuts)
- Chocolate Biscuit line (chocolate coated)
- Chocolate spread

Renewable Energy

We aim to be a leader in large scale solar energy system development, designing, assembling, installation, maintenance, financing and other related services.

We are investing in infrastructure and technology for generating solar electricity.

We are currently developing Solar solutions for some of our business outlets in Ghana. The ultimate aim is to take up solar energy access programs for rural and remote communities.



KEY PERSONNEL

Their vast experience brings valuable knowledge, insights, and skills that drive our strategic and operational excellence.

Key Personnel



Emmanuel Egyei-Mensah
CEO - Sage, Director - Quantum Group & Cardinal



Damaris Tanoh-Rivers
Head, Admin & Executive Assistant - Sage



Alex Osei-Owusu
Legal Advisor - Quantum Group



Yoon Ji-Yong
Technical Advisor - Quantum Group



Kow Ainoo-Ansah
Project Development - Quantum Group



Ahmed Abdul-Sherif
Terminal Manager - Quantum Oil Terminal



Isaac Bonya
Project Finance - Quantum Group



Samuel Bonuedie
Brands & Communications - Quantum Group



Anastasia Abban
Human Resource - Quantum Group



Sylvester Quist
Enterprise Applications - Quantum Group



David Agyeman
Reporting & Budget - Quantum Group



Innocent Eddah
Terminal Manager - Quantum Gas Terminal

Key Personnel



Pemendu Kanth
CRM Advisor - Quantum Group



Francis Akumfi-Ameyaw
Finance & Accounts - QuantumTerminals Group



Bijesh B. Earesseril
Senior IT Manager - Quantum Group



Felix Quaicoe
Managing Director - Remcash



Girdhari L. Panwar
Plant Manager - Newgas



Nishant Shah
Chief Technical Officer - Blueray Automation

300+

Years of collective experience



OUR PARTNERS

Our partners play a critical role in the success and execution of our businesses.

Our Partners





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