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A leading provider of petroleum infrastructure solutions, specializing in the efficient operation of advanced storage and distribution facilities to ensure seamless energy supply.

Our Vision is to be the leading Petroleum Infrastructure Solution House in Africa.



Our Story

The Quantum Terminal Group (TQTG) is a leading Petroleum infrastructure and Logistics Solution provider in Ghana and a subsidiary of Arch Holdings Limited.

TQTG plays a strategic role as the infrastructure and logistics arm of the Group, which also includes the Sage Trading Group - a leading trading house and Cardinal Petroleum - which controls one of the biggest networks of Oil Marketing Companies in Ghana.

The close working relationships among companies in the Group offer TQTG a unique insight into Ghana's energy sector, translating into quality product storage facilities and speed of product delivery.

Our Philosophy

Projecting Excellence through Innovation and Teamwork.

We are committed to excellence, growth
and innovation.





WHAT WE DO

We provide quality storage and infrastructure solutions for the Petroleum & Power Generation sectors.

Storage & Infrastructure Solutions

The Quantum Terminals Group provides quality storage solutions for the Petroleum & Power Generation sectors. Our state-of-the-art storage facilities have been built to satisfy its customers requirements in these demanding industries.

Customers are therefore assured of cost effective storage services amidst high safety standards and timeliness of product discharge. Our terminals have been planned to meet the needs of customers at the right place and at the right time. Our Terminals are therefore placed at key strategic locations across the country.

Our Facilities

Anokye LPG Facility	Located close to the Ghana Gas Facility at Anokyi in the Western Region of Ghana
Tema LPG Facility	Located within the Power Generation Enclave in Tema
Tema Oil Facility	Located in Tema (the Harbour City) for easy access to vessels and the Tema Oil Refinery
Tema Gas Facility	Located within the Power Generation Enclave in Tema



ANOKYI LPG FACILITY

State of the art facility,
perfectly located.



Anokyi LPG Facility

This 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 1,500Mt 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 spacious Truck Park; a well furnished Waiting Area and Canteen for drivers.

The Terminal, 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

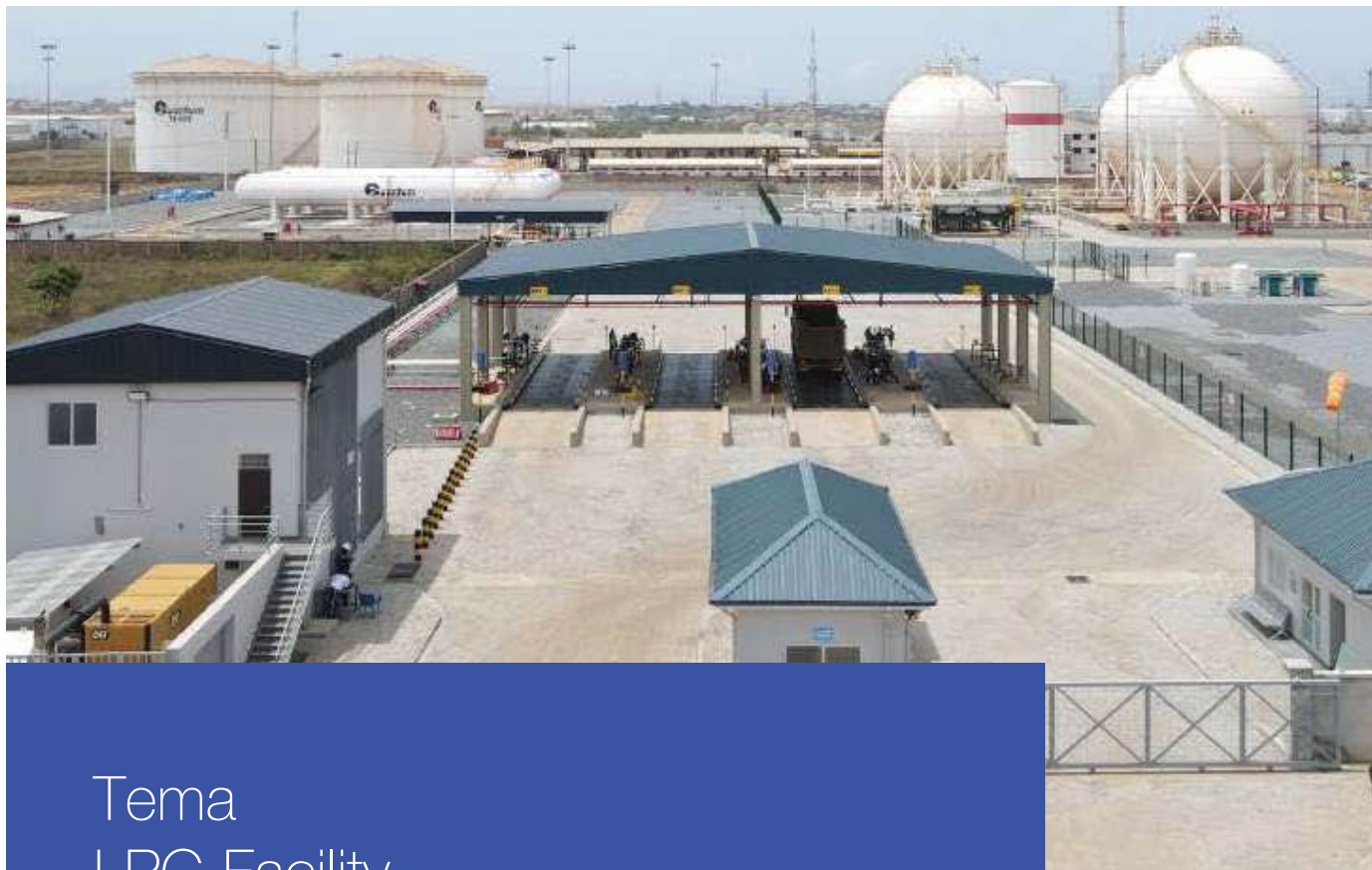
facility value:

USD 25 million



TEMA LPG FACILITY

Increasing LPG
Penetration



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

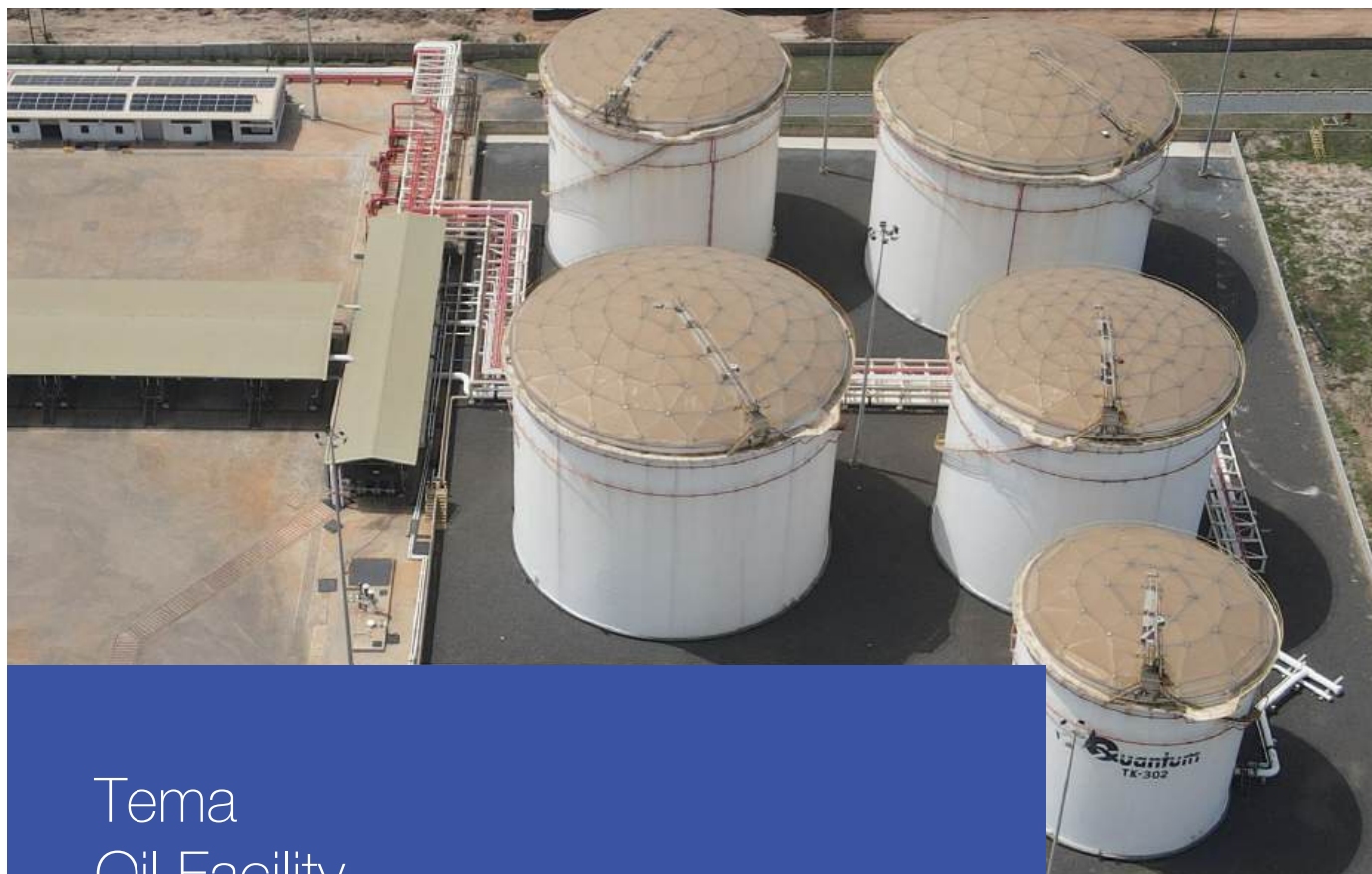
facility value:

USD 13 million



TEMA OIL FACILITY

Game Changing
Facility



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

Game Changing
Facility



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

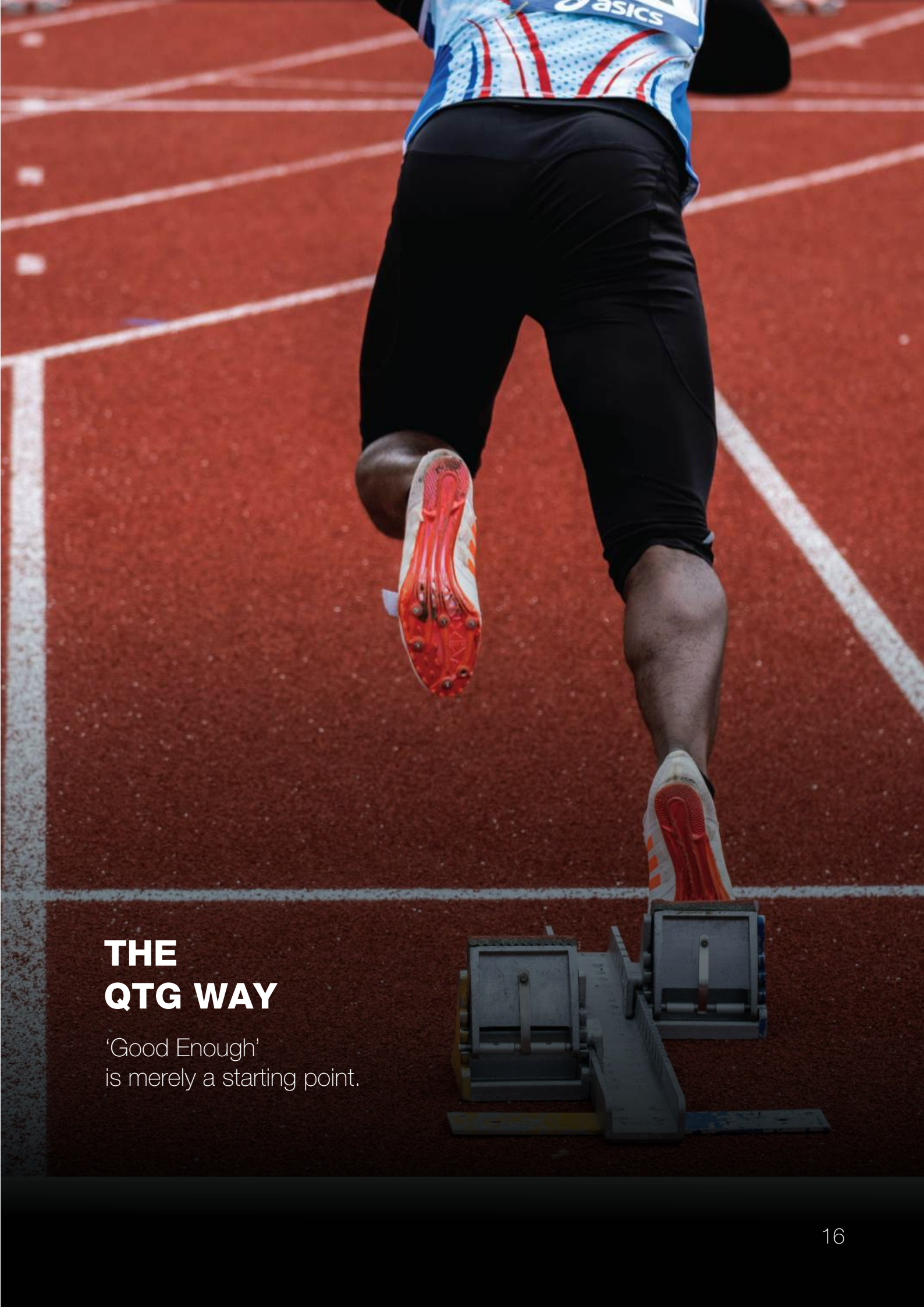


LPG Pipeline

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.



THE QTG WAY

'Good Enough'
is merely a starting point.

Wise & Decisive Investments

A healthy balance sheet, flexibility and committed shareholders give us the capability and confidence to make innovative and bold investments within prudent financial parameters.

Strategic Locations

We operate in and seek entry to markets with significant growth potential: markets where our experience and expertise can energize the businesses we operate.

Efficient Operations

As a leader in the industry, we focus on doing business to the best of our abilities by putting in place the best systems, infrastructure, technologies and processes. To secure the trust of our stakeholders, we employ highest standards.

Talented People

The diversity of nationalities, cultures and experience across our team is a great strength for TQTG. We train our people well, encourage them to take initiatives and trust them to excel.

A close-up photograph of a child's hand, wearing a pink long-sleeved shirt, pointing with the index finger to a world map. The map is colorful and shows various countries and cities. The child's hand is in the foreground, and the map is in the background. The map includes labels for countries like Spain, Morocco, Algeria, Tunisia, Egypt, and others. A compass rose is visible on the left side of the map.

SUSTAINABLE COMMITMENT

Focused on safety and responsibility
every step of the way.

Zero Accidents, No Harm to People and No Damage to the Environment – Our Aim

TQTG has a clear commitment to Health, Safety and the Environment (HSE). At TQTG, Safety is non-negotiable. Despite the constant demands of modern terminal facilities, TQTG is committed to pursuing the highest health, safety and environmental standards.

It is our policy to strictly comply with all applicable laws and regulations governing our operations. We promote safe work practices and avoid risks to our employees; our customers; our neighbors and the environment.

It is Management's goal that no one suffers an injury or illness and that no harm is caused the environment. This will promote an organization that is free of injuries, ill health and environmental loss.

We invest in the latest technology to ensure we meet international standards and match accepted best-practice in every aspect of our operations.

We operate safely in ways that protects the natural environment and our own assets by ensuring the highest standards using international best practices as our benchmark in every stage of our operations.

We have recorded zero casualties from the first day operations for all our terminals.



GROWING WITH THE COMMUNITY

Strengthening Communities,
Enriching lives

Social Responsibility

At The Quantum Terminals Group, we believe that true progress is measured by the well-being of the communities we serve. Over the years, we have funded impactful community-based projects designed to uplift local people and create lasting change. Through our Corporate Social Responsibility (CSR) initiatives, we remain committed to advancing education and healthcare, ensuring meaningful development where it is needed most.

Empowering Education

Education is at the heart of our CSR efforts. We invest in building and renovating schools, equipping classrooms with essential learning materials, and supporting teachers with additional incentives. Our commitment extends beyond infrastructure—we strive to create opportunities for students to excel.

In the Western Region of Ghana, particularly in Anokyi, Eikwe, Ngalekyi, and Sanzule, we are actively enhancing education through tuition support and feeding programs for Basic Education Certificate Examination (BECE) candidates, ensuring students have the resources they need to succeed.

Enhancing Healthcare & Community Well-being

Our healthcare initiatives focus on strengthening medical facilities, providing essential supplies to hospitals, and improving sanitation infrastructure to promote healthier living conditions.

Additionally, in Asemnda and Anokyi, we are addressing critical community challenges by installing streetlights to improve night visibility and funding clean-up programs to enhance sanitation standards in coastal areas.

Committed to Lasting Impact

At TQTG, we are more than just a business—we are a partner in community development. By investing in education, healthcare, and essential infrastructure, we are building stronger, healthier, and more resilient communities for generations to come.

Before



Old Nursery block at Asemnda



After



New Nursery block at Asemnda



Before



Old Teachers Quarters at Asemnda



After



New Teachers Quarters at Asemnda





Old Ngalekyi - Baku CHPS Compound



After



Renovated Ngalekyi - Baku CHPS Compound





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

A close-up, low-angle shot of a yellow excavator's arm and bucket, positioned over a pile of dirt. The excavator's cab is visible on the right, with a worker in an orange safety vest and hard hat inside. The background shows a hazy mountain range under a blue sky with scattered clouds. The excavator's tracks are visible in the foreground, partially covered in mud.

UPCOMING PROJECTS

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

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 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.

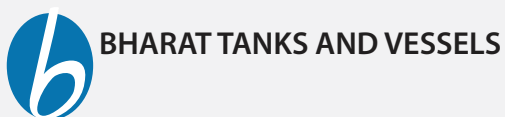
The Kumasi Oil Facility will be a modern, high-capacity fuel storage hub designed for efficiency, safety, and scalability. Its strategic location outside congested industrial zones, combined with advanced infrastructure, will make it a key asset for fuel distribution in the region.



OUR PARTNERS

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

Our Partners



Local Country Partners

In growing our global network, QTL is keen to expand its operations by exploring new markets across the length and breadth of Africa. It is in this regard that we wish to partner businesses in Ghana and abroad to create shared value and success.

We are open and constantly on the lookout for emerging opportunities and will therefore welcome leads to accessing any opportunities that we could use our skills set and experience to adequately explore.

Investment & Solution Partners

We are currently designing a number of storage solutions for various companies within West and East Africa which will see the volume of our storage capacity within the sub regions grow markedly.

As we access these opportunities, we are also on the lookout for partner investors interested in getting a chunk of the African petroleum storage and infrastructure markets so we could, together, deliver these solutions.

If you are an individual/company or investor with interest in Petroleum Storage and Infrastructure Solutions in West and East Africa, contact us by calling our investor hotline on +233 208 120 016 or alternatively reach our partner desk by sending an email to partners@quantumterminals.com



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