MARITIME SAFETY AND SUSTAINABILITY

VOLTA LAKE TRANSPORT COMPANY IN FOCUS

PRESENTED BY

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MANAGING DIRECTOR

OUTLINE

- OVERVIEW AND ECONOMIC IMPACT OF THE VOLTA LAKE
- COMPANY PROFILE, KEY SERVICES & OPERATIONAL FOOTPRINT
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OVERVIEW AND ECONOMIC IMPACT OF THE VOLTA LAKE IN GHANA

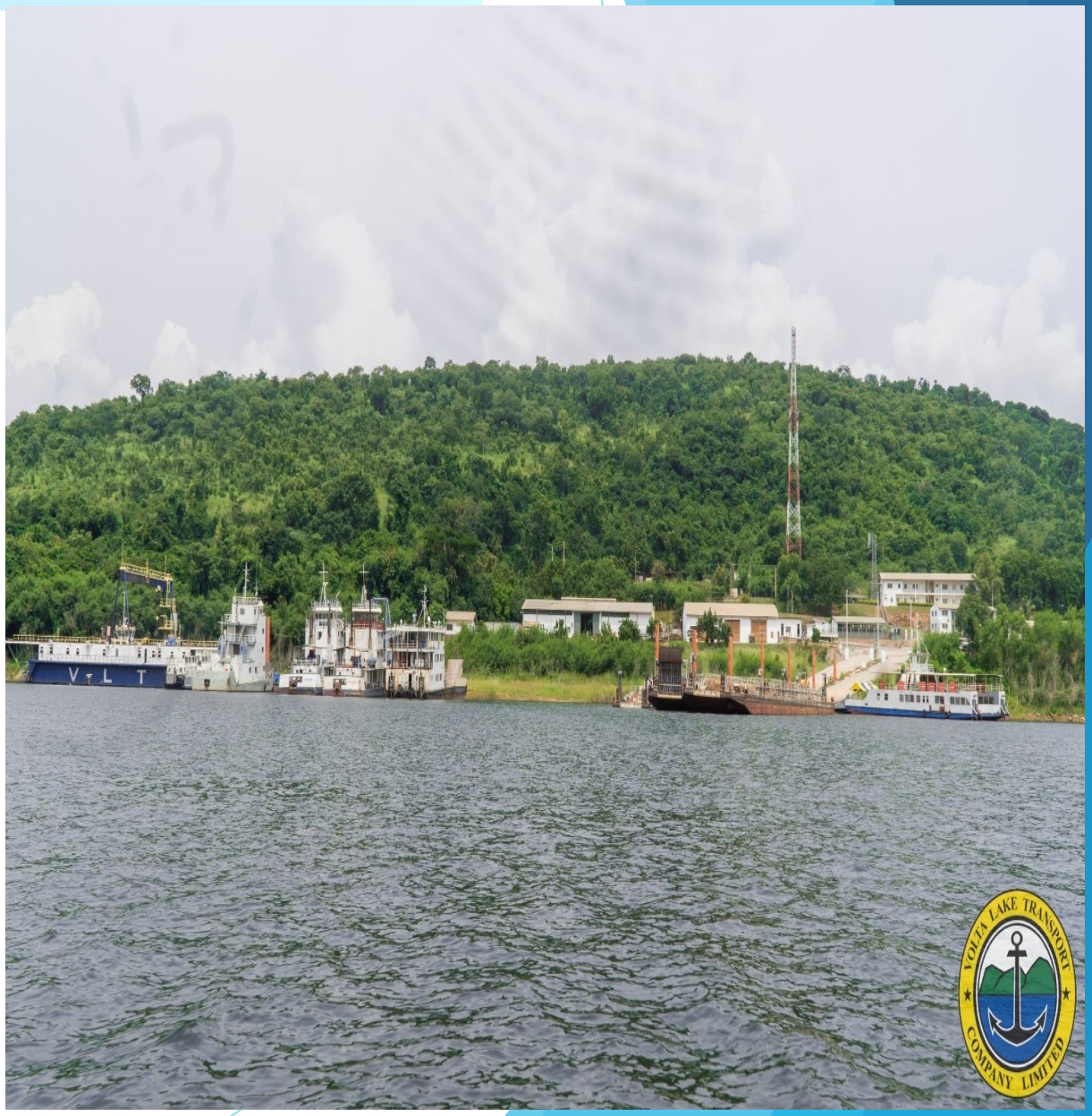
- The Volta Lake has a surface area of approximately 8,482 square kilometers making it the largest artificial lake in the world by surface area.

- It spans to the Eastern part of Ghana and has extensive branches reaching through various regions such as Volta Region, Northern Region, Oti Region and Bono East Region of the country.

- The Lake significantly impacts on the Ghana's economy supporting hydropower generation ie (the Akosombo Dam), providing transportation and facilitating trade, fishing, agriculture, irrigation and tourism.

BACKGROUND INFORMATION VOLTA LAKE TRANSPORT COMPANY LTD (VLTC)

- VLTC is a leading provider of inland waterway transportation services on the Volta Lake in Ghana, the largest man-made lake in the world.
- The company was incorporated on February 23, 1970
- Authorized business:
  - To operate as public carriers of all forms of water-borne transport including hovercraft, for persons and/or freight on the Volta Lake.
  - To act as ship owners, charterers, warehousemen, storekeepers, bailees, wharfingers, lighter men, and stevedores.
  - To operate such other forms of transport including rail and road transport as may be necessary for or ancillary to the business of the company.
  - To do such other things or act as may be necessary for carrying out the business of the company.



VISION- MISSION -VALUES

Corporate Vision

"To become the company of choice in transportation of passengers and bulk cargo, between the south and north of Ghana and landlocked countries, and to develop the full transport and tourism potential of the Volta Lake.".

Corporate Mission

"To provide safe, reliable, economical, and environmentally friendly inland water transportation services for both passengers and cargo.".

Core Values

- Teamwork
- Integrity
- Discipline
- Accountability
- Safety
- Professionalism

KEY SERVICES

COMMERCIAL OPERATIONS

- This involves linking the two port between Akosombo and Buipe in the Southern and Northern part of the country, and also the landlocked countries such as Burkina Faso, Mali, Niger.
- The company transports large quantity of diesel,cements, agricultural input, food stuff on the Volta Lake.
- Annually the company transports approximately 60m liters(51,024 tons) of diesel which is equivalent to almost1,200 Bulk Road Vehicles(BRVs) of 54,000 liters capacity and 30,000 tons of solid cargo(cement & general goods) which is equivalent to 600 articulated trucks of 1,000bags capacity.
- The operations of the company help to remove approximately 1,800 bulk road vehicles from the road, contributing to carbon emission minimization, reduction of road congestion leading to road accidents, reduction in national expenditure on road maintenance, etc.
- It is cost effective and efficient to transport bulk cargo on the lake.

CROSS LAKE SERVICES/SOCIAL SERVICES

- The Cross-lake Services are rendered on behalf of the Government of Ghana for communities along the lake catchment areas who were displaced during the construction of Ghana hydro dam in Akosombo.
- Annually the company transports over 1m passengers and over 100,000 vehicles in these areas.
- These services do not only serve as the means of transport in our operational areas but also facilitate trading activities enhancing the economic power & eradicating extreme poverty of these communities, contributing to the attainment of SDG goal one(1)

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Bulk cargo vessel for both liquid & solid transportation (Commercial services)

Ferry for cross-lake services (Social Services)

OPERATIONAL FOOTPRINT

The company’s inland ports and ferry stations serve as a hub for transshipment, storage and distributions, handling diverse commodities such as agricultural products, construction materials and consumer goods.

SAFETY MEASURES & PROTOCOLS

Implemented Health & safety Policy

The overview of VLTC safety policies emphasizes the company's commitment to zero accidents, adherence to international maritime standards and continuous improvement.

- Provision of safety apparatus for staff
- Monthly Safety sensitization Meetings
- Safety drills and Safety campaigns
- Instituted safety coordinators team at all our operational areas who are given regular training.
- Safety Management System (SMS), detailed explanations of our risk assessment procedures, incident reporting and analysis mechanisms to all stakeholders in our operations.

Infrastructure & Equipment Upgrades

- A substantial budgetary allocation for fleet repairs & maintenance.

Training & Certification

- Recruitment of persons with degree in Nautical Science or Tug-mates to take charge of the vessels.
- Certification programs and specialized training in emergency response and first aid in collaboration with global maritime safety Organizations/Regional Maritime University for our captains and crew.

Green Operations

- Active participation of green Ghana project through tree planting.
- Again, the Company has put in place a comprehensive emergency response plan that addresses both safety and environmental pollution.
- Constituted a team and provides them with training for assessing and reporting on Green House Gas emission.

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Integration of Cutting-edge Technology

- Deployment of vessel fuel tracking system - ongoing
- Deployment of an E-ticketing system to enable customers to purchase tickets at the comfort of wherever they are.
- The E-ticking has enhanced our efficiency and safety measures by eliminating crowding and congestion at our operational centers.

Stakeholders Engagement

- Constant engagement with regulatory bodies, communities and customers all geared towards fostering a culture of safety across all our operations
- Continuous improvement through feedback and collaboration.

SUSTAINABILITY INITIATIVES

- Investment in vessel tracking and real time monitoring system are in progress.
- The company has replaced the printing(hardcopies) of strategic document to Board of Directors with softcopies.
- Collaborations with environmental organizations to protect local ecosystem & preserve biodiversity of the Volta lake.
- Fostering strong relationship with Ghana Navy thro GMA, local communities, supporting social, environmental initiatives and promoting sustainable development.

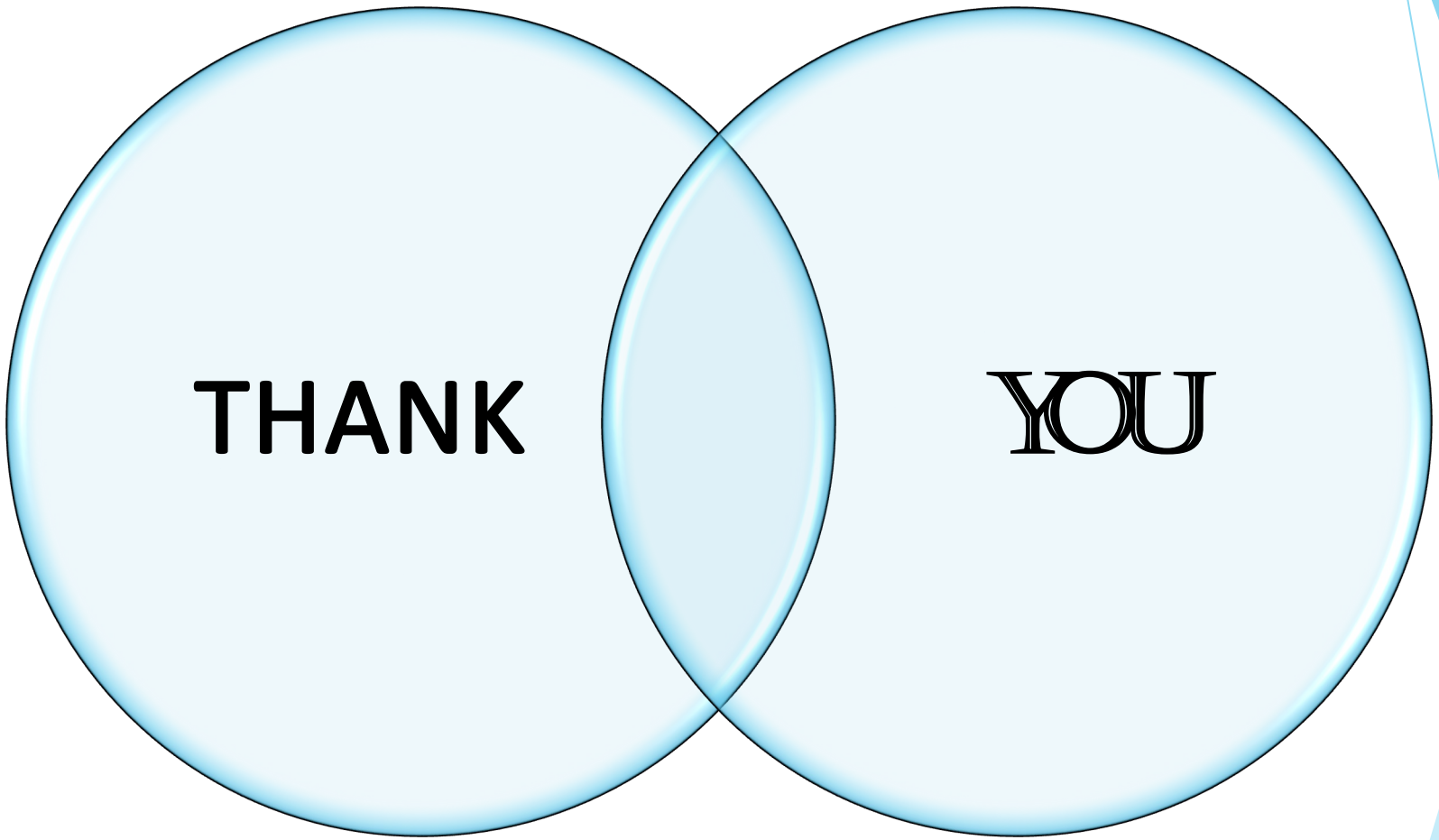
CHALLENGES & LESSONS LEARNED

- Infrastructure Limitations

Aging infrastructure & limited investment in port upgrades have posed challenges in accommodating the growing volumes of cargo & passengers.

- Environmental Concerns

Balancing economic growth and our services with environmental protection requires that we carefully manage the impact of operations on local ecosystem.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