



Mauritius Maritime Week 2025



Cargo Handling Corporation Ltd

THE FUTURE OF TERMINAL OPERATIONS IN PORT LOUIS

FOSTERING SUSTAINABILITY AND GROWTH

PRESENTED BY GASSEN DORSAMY

MANAGING DIRECTOR

CHCL

23 JANUARY 2025





Importance of Terminal Operations

Why Terminal Operations Matter for Port Louis Harbour and Mauritius?

- **Global Trade Enabler:** Facilitates the flow of goods essential for economic stability.
- **Strategic Location:** A critical hub within the Indian Ocean region.
- **Economic Driver:** Integral to Mauritius' import-export activities and job creation





Current Challenges and Opportunities

Key Challenges

- Terminal Capacity.
- Ageing equipment.
- Environmental impact from operations.

Emerging Opportunities

- Rising demand for efficient logistics solutions.
- Adoption of sustainable and eco-friendly practices.
- Technological advancements in port management.



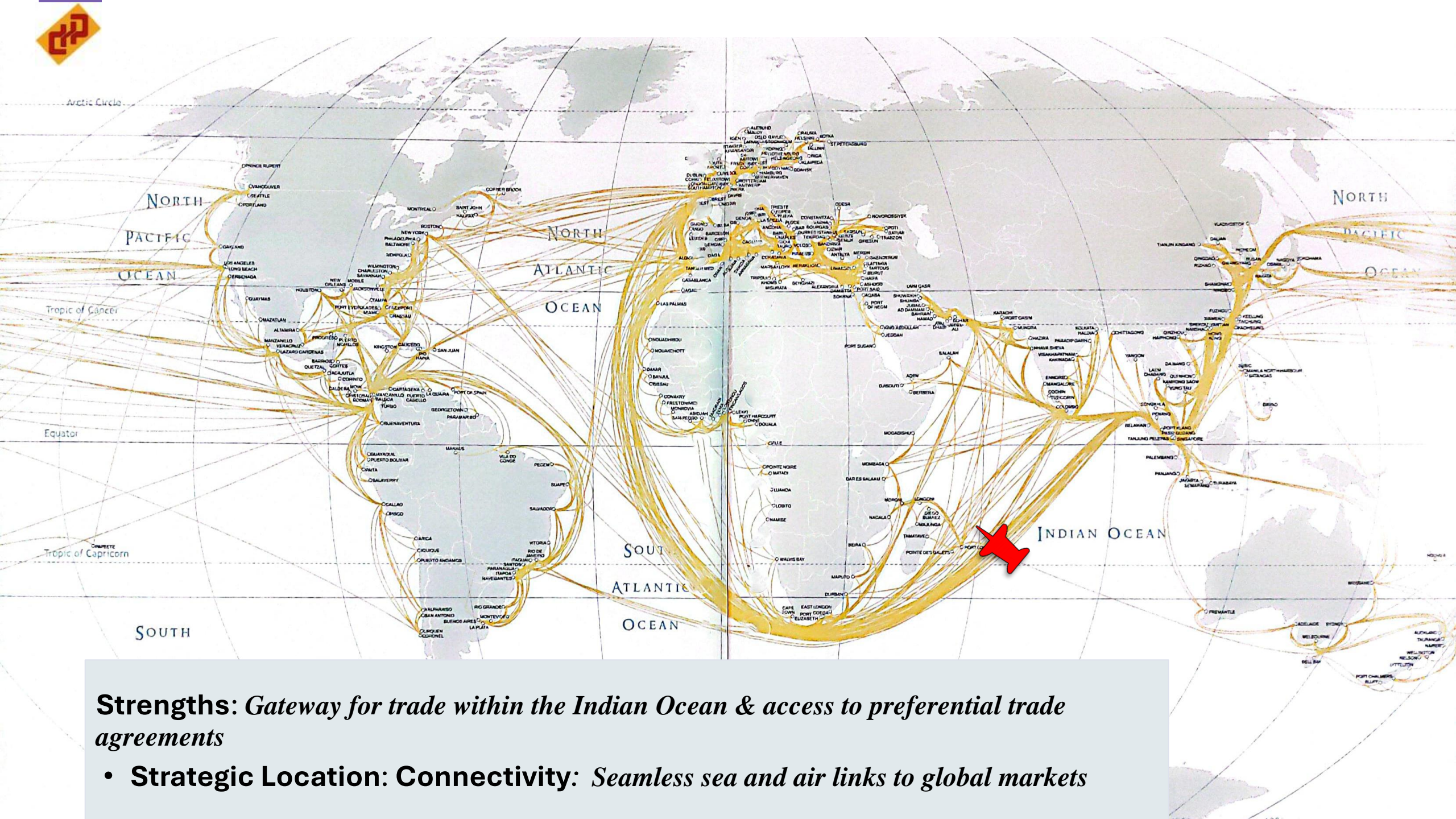


Overview of Current Terminal Operations

Core Activities

- Cargo handling and logistics.
- Infrastructure and equipment management
- Vessel and Yard planning in line with shipping lines exigencies.
- Ancillary services : Reefer/Storage facilities etc



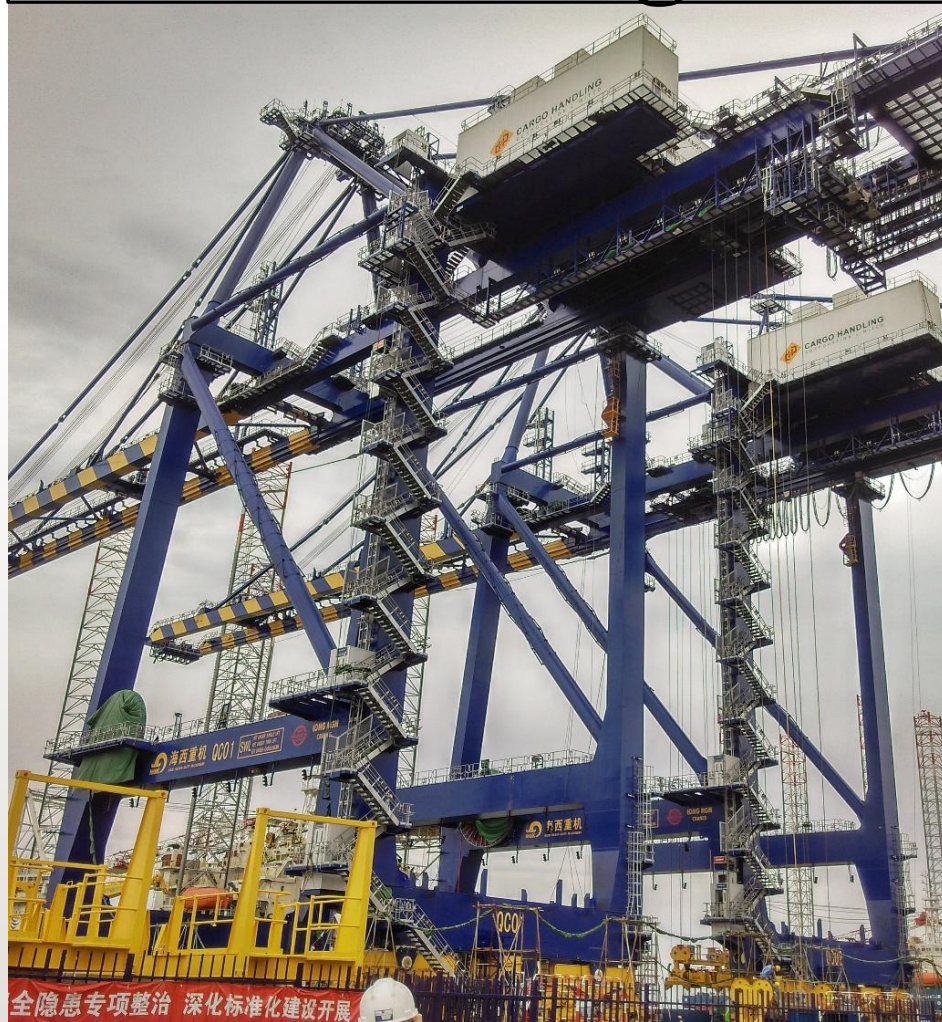


Strengths: Gateway for trade within the Indian Ocean & access to preferential trade agreements

- **Strategic Location: Connectivity: Seamless sea and air links to global markets**



A glance of CHCL

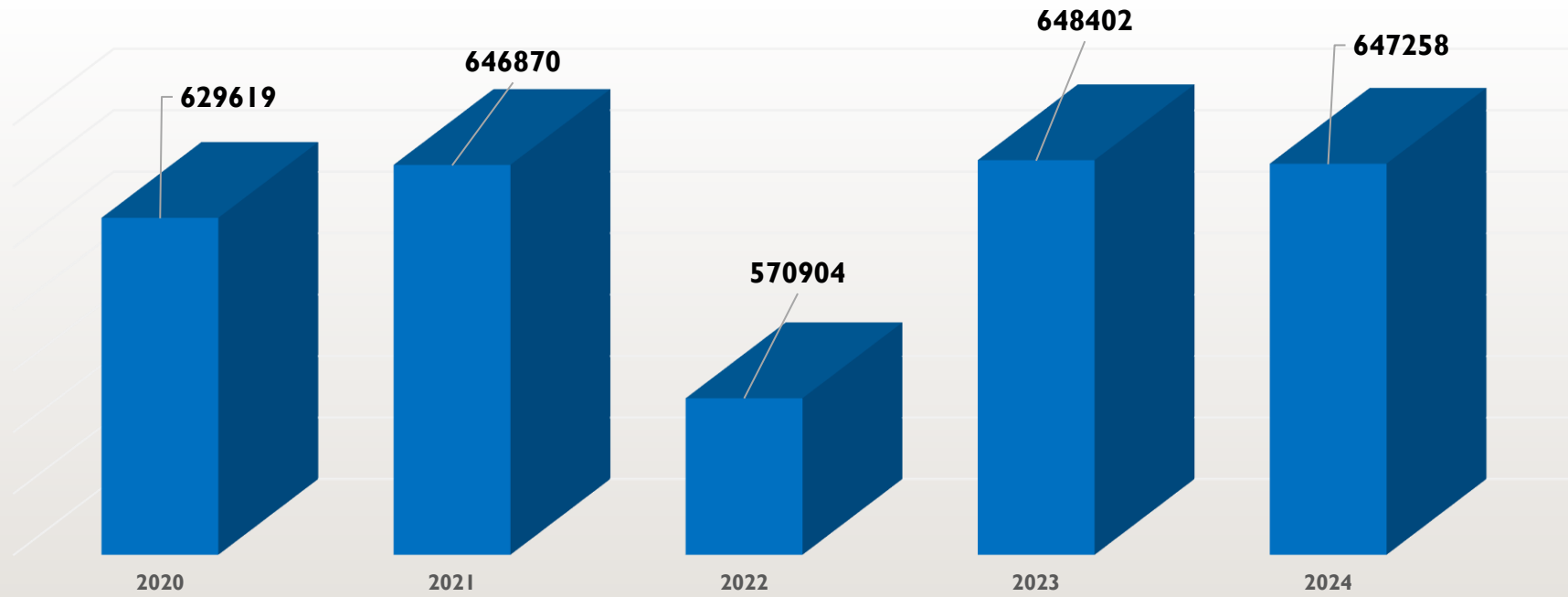


5 STS cranes, 2 post Panamax and 3 Super Post Panamax cranes

16 Rubber Tyred Gantry cranes

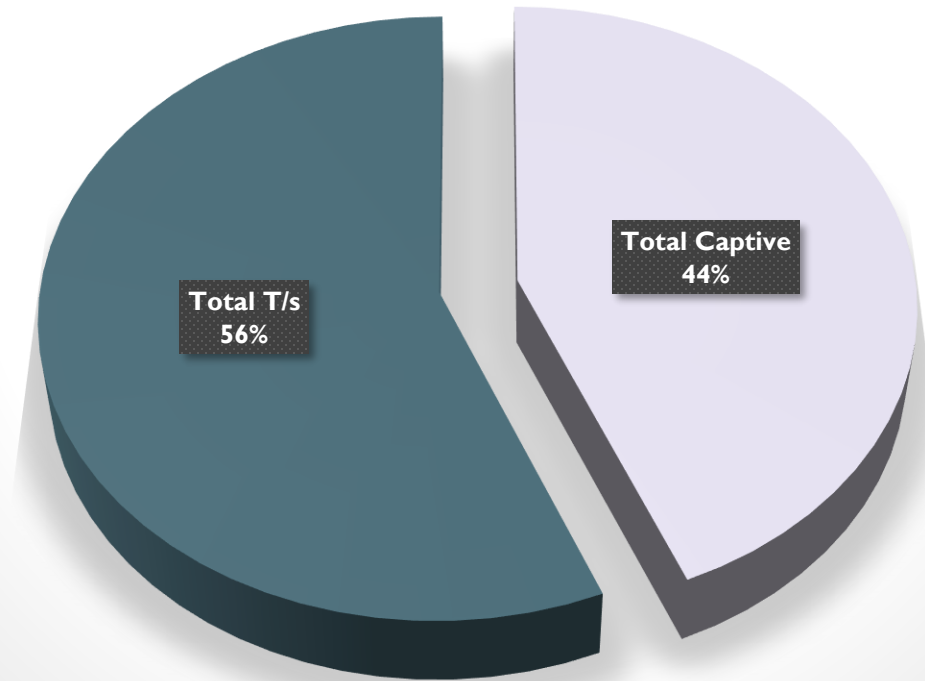


CONTAINER VOLUME



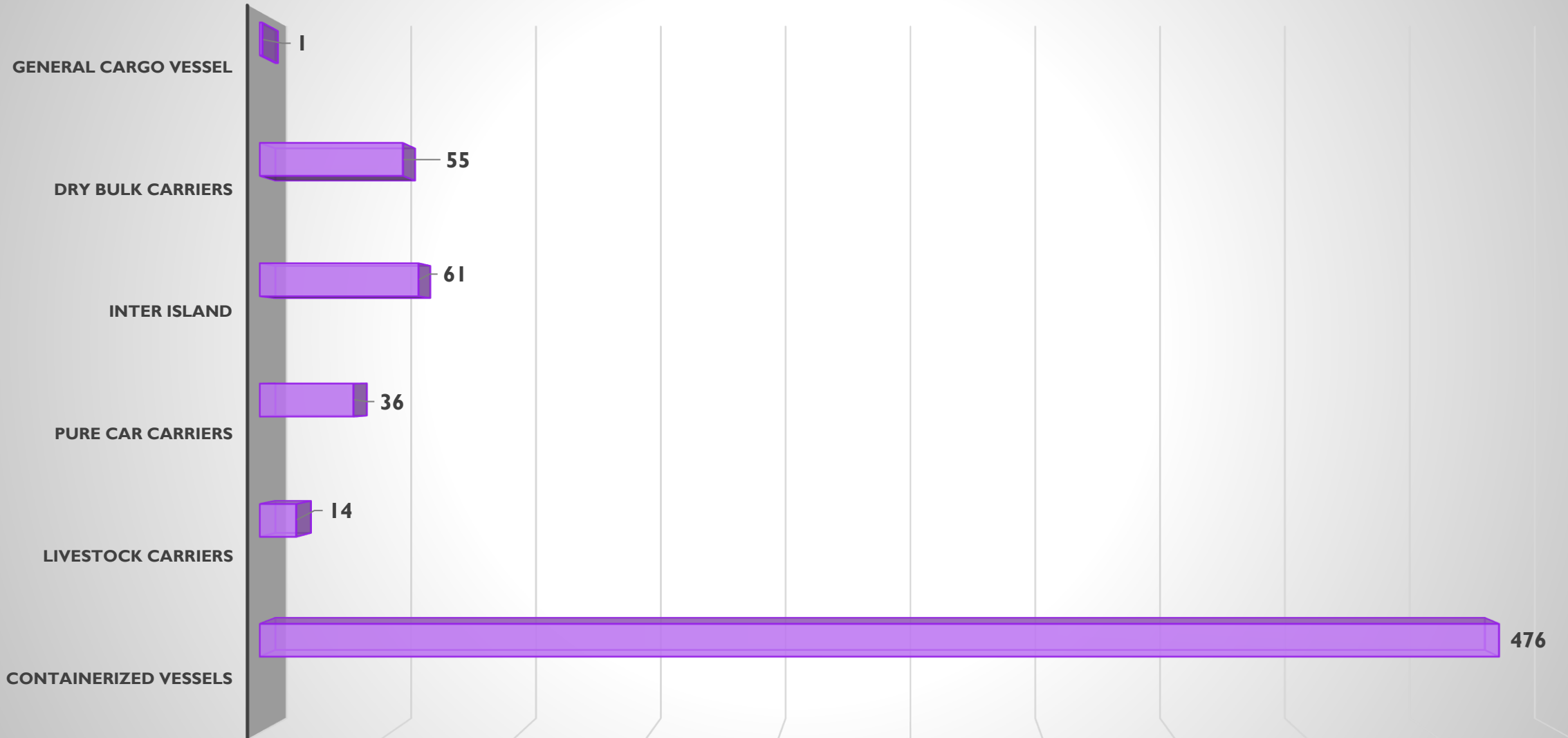


Container Throughput / Category (Year 2024)





Vessel Calls (Year 2024)





Transforming Operations

Digital Transformation

- Implementation of **Smart Port Technologies**.(Paperless)
- Utilization of **IoT and AI** for real-time monitoring.
- Adoption of **Blockchain** for secure transactions incorporating all stakeholders.

Benefits:

- Faster operations and improved services.
- Enhanced decision-making.
- Secure and transparent processes.
- Carbon (Co2) reduction





Sustainability Practices

- Transition to renewable energy sources.
- Use of electric and hybrid Equipment.
- Reducing of the carbon footprint for on-ground transport.

Benefits:

- Environmental Conservation.
- Long Term Cost Savings.
- Enhanced eco-conscious reputation.



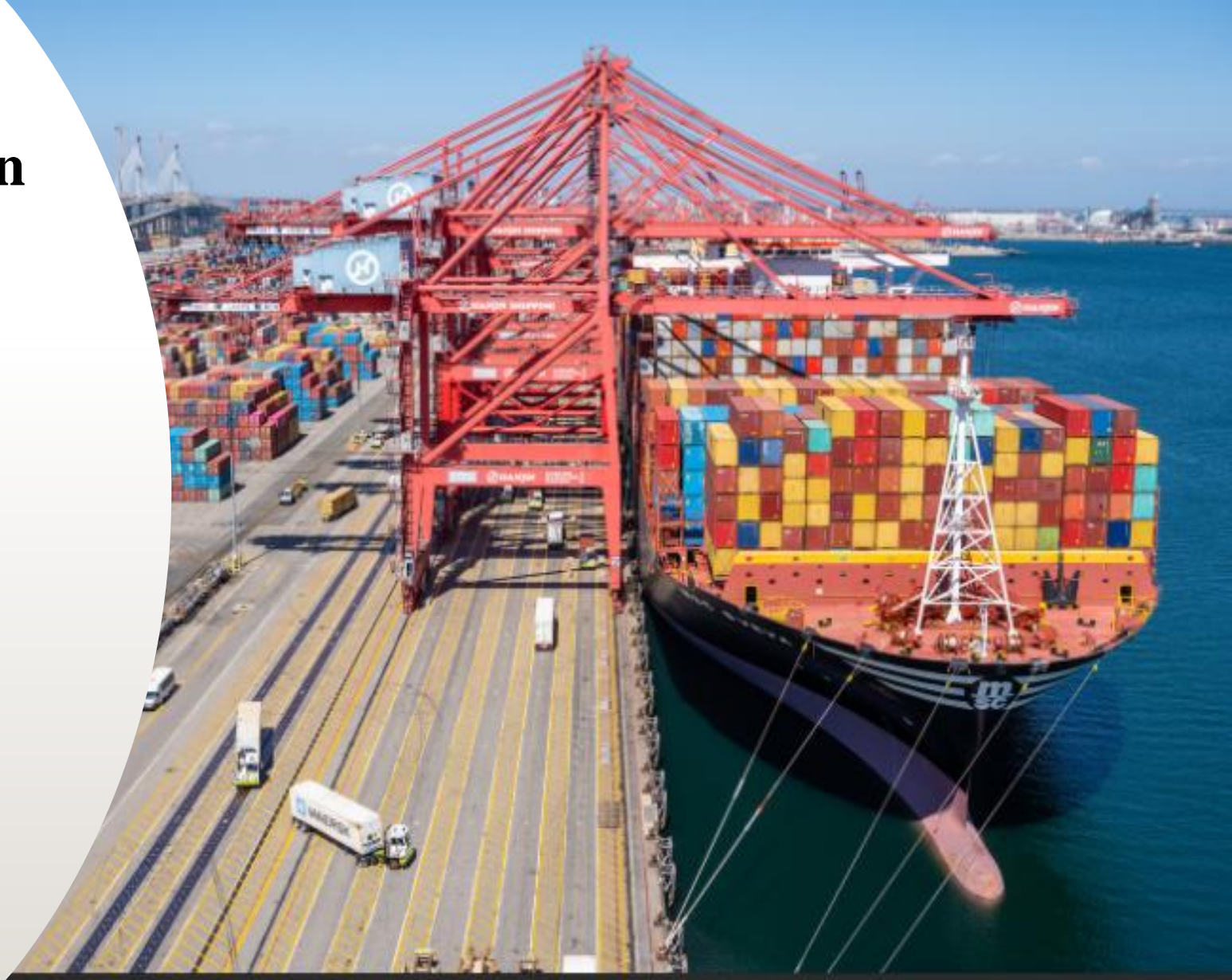


Infrastructure Modernization

- Electrification of port equipment.
- Development of modern storage and warehousing.

Benefits:

- Increased capacity.
- Energy-efficient operations.
- Improved handling .





ELECTRIFICATION OF RTG

- Diesel consumption at CHCL is around 2.0m Liters per annum.
- Expected to increase with growth in container volume.
- RTG equipment consumed around 55% of that consumption.
- The 55% of Diesel generates around 2,948 tons of carbon to the environment yearly.

therefore,

electrification of RTG cranes will be a milestone in CHCL's mid to long-term strategy to become a green terminal.





Building a Sustainable Future Together

Commitments

- Innovation-driven, eco-friendly operations.
- Collaboration with stakeholders to drive growth.

Call to Action:

- Join us in transforming Port Louis Harbour into a global model for sustainable terminal operations.



Embrace the Journey Ahead

“The challenges and changes ahead are opportunities waiting to emerge. Together, let us navigate the waters of innovation and sustainability with the spirit of enterprise.”



THANK YOU

