

TRANSNET



PORT OF CAPE TOWN

TNPA Report: Cape Chambers Council Meeting

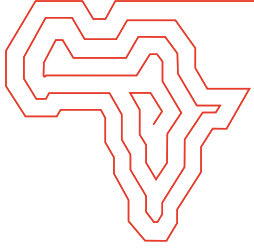
04 April 2024

TRANSNET NATIONAL PORTS AUTHORITY



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TNPA Port of Cape Town: Quarterly Stakeholder Engagement



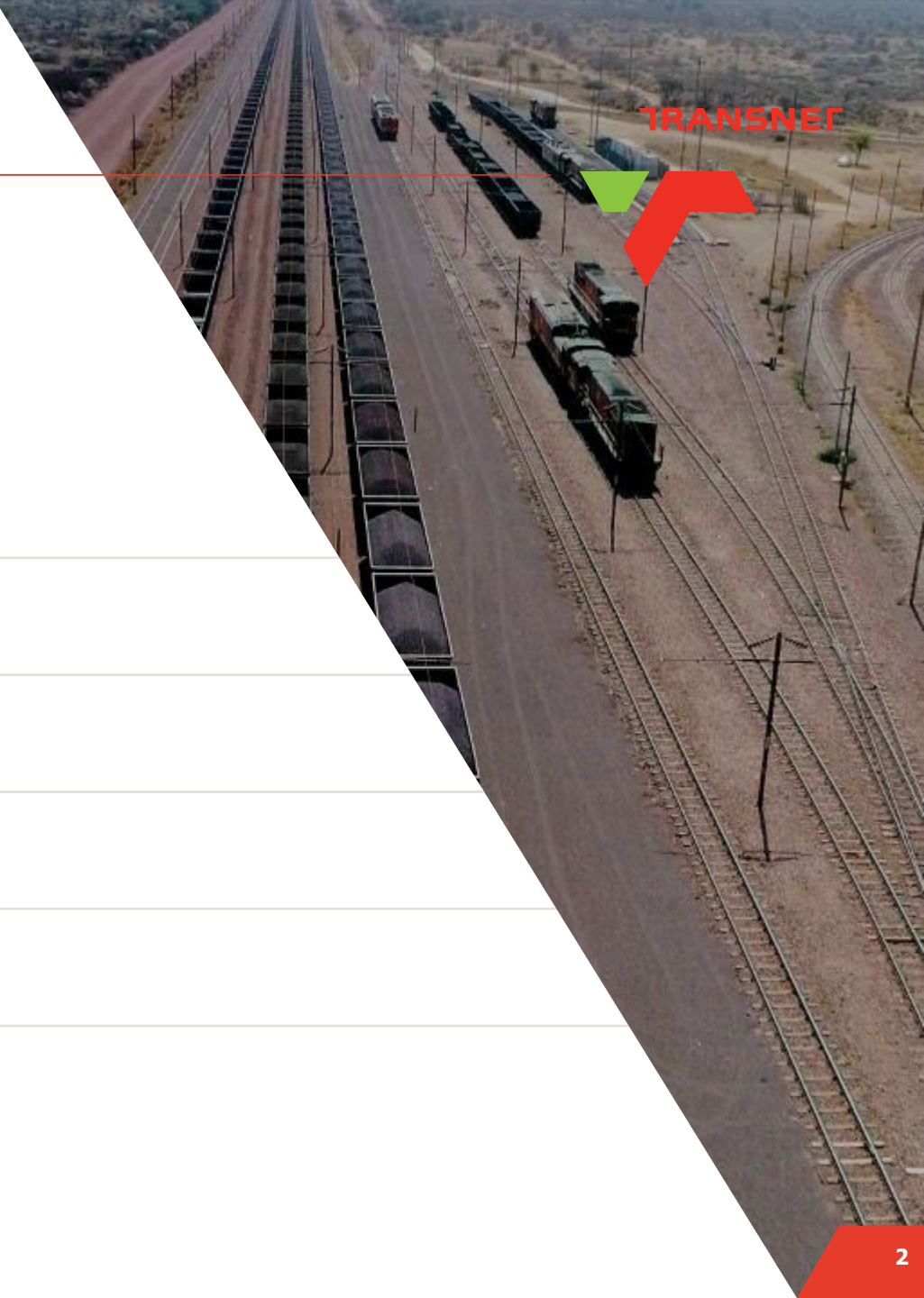
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1. PORT OVERVIEW

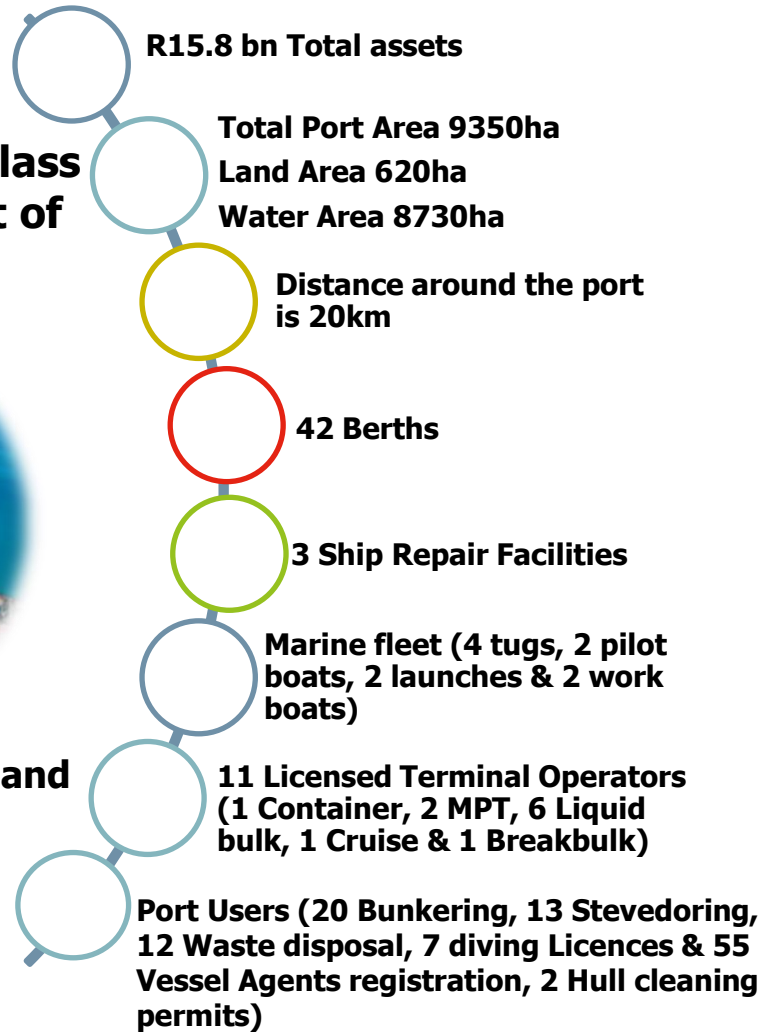


CAPE TOWN– BUSINESS PARAMETERS

**Sustainable World Class
Smart People’s Port of
choice**



**A Premium Fruit Export and
Agriculture Hub**



CAPE TOWN- PORT ACTIVITIES

Freight Traffic

Containers

Deepsea import, export and transshipment and coastwise containers

Liquid Bulk

Import and export of petroleum products
Other liquid bulk commodities including edible oils

Dry Bulk

Import of agricultural products, grain, fertilizer

Break Bulk

Imports of cement and steel
Export fruit, steel and fish transshipments

Other Services

Licensed Operators

Offering stevedoring, bunkering, waste disposal, diving and hull cleaning services

Fishing

Resident trawlers & fish processing plants

Maritime Engineering

2 Dry dock facilities
1 Syncrolift – elevated platform facility with 5 lanes, maximum lifting capacity of 1750 tons, caters primarily for repairs of fishing trawlers up to 64 m length

Tourism and Recreational

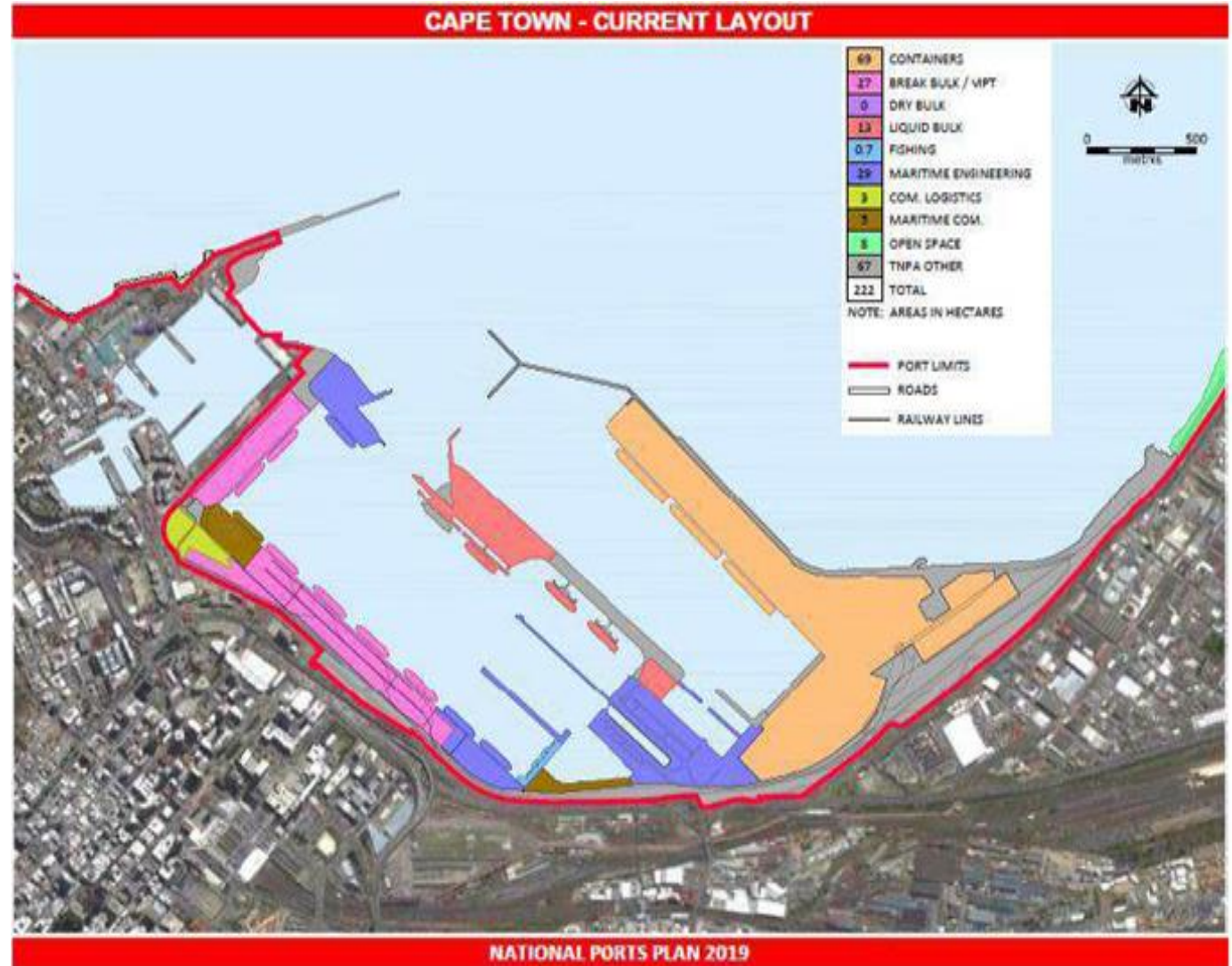
Dedicated cruise terminal
Yacht Club for recreational boating activities
Close proximity to V&A Waterfront

2. PORT OF CAPE TOWN LAYOUT & TERMINAL CAPACITY



TOTAL LAND AREA	TOTAL BERTHS:	TOTAL MARINE CRAFT:
	CONTAINER = 3	TUGS = 4
620ha	DRY BULK = 0	PILOT BOAT = 2
	BREAK BULK = 7	LAUNCHES = 2
	LIQUID BULK = 3	WORKBOAT = 2
	AUTOMOTIVE = 0	FLOATING DOCK = 0
	PASSENGER = 1	

CONTAINER	1.0 million TEU
AUTOMOTIVE	0.0 units
DRY BULK	2.1 million tons
BREAK BULK	1.5 million tons
LIQUID BULK	3.4 million kl
SHIP REPAIR	3 facilities
PRIVATE TERMINAL OPERATORS	9
PUBLIC TERMINAL OPERATORS	2



3. INITIATIVES: PORT OF CAPE TOWN 8-POINT PLAN



Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">①</p> <p style="text-align: center;">Immediate Crisis Management</p>	<p>1. Integrated Port Management System (IPMS) for Port control - to plan, book and monitor vessel movements, for usage by vessel agents and shipping lines.</p>	<p style="text-align: center;">Completed</p>
	<p>2. Detailed monitoring of vessels at anchorage.</p>	<p style="text-align: center;">Ongoing</p>
	<p>3. Detailed investigation into container vessels bypassing the port.</p>	<p style="text-align: center;">Ongoing</p>
	<p>4. Host TNPA Integrated Operations Alignment Meeting ahead of each shift.</p>	<p style="text-align: center;">Ongoing</p>
	<p>5. Monitor TPT <u>Performance Improvement Plan</u> (CTCT).</p>	<p style="text-align: center;">Ongoing</p>
	<p>6. Conduct <u>Terminal Equipment Condition Assessment</u></p>	<p style="text-align: center;">Completed</p>
	<p>7. Participate in pre and post Citrus, <u>Deciduous, Cruise Liner Season</u> Meetings with industry partners</p>	<p style="text-align: center;">Ongoing</p>

3. PORT OF CAPE TOWN 8-POINT PLAN



Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">②</p> <p style="text-align: center;">Improve Information Sharing & Port Operations Visibility</p>	1. Weekly Stakeholder Engagement Meeting.	Ongoing
	2. Quarterly Stakeholder Workshop.	Ongoing
	3. SMS / Email Notifications regarding weather, berth planning & shipping.	Ongoing
	4. TNPA Dashboard Reports per shift.	Ongoing
	5. Host Daily <u>Berth Planning</u> Meetings	Ongoing
	6. National "Daily OPS Meeting" with customers.	Ongoing
	7. TNPA to host monthly meetings with SAASOA / Shipping Lines	Ongoing



3. PORT OF CAPE TOWN 8-POINT PLAN

Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">3</p> <p>Combat Adverse Weather Conditions</p>	<p>1. Long Wave – Shore Tension (3 x set active). Secured 12 <u>additional units</u> for the port.</p>	Complete/Ongoing
	<p>2. High Swell – <u>Helicopter</u> for Pilot Deployment in 2023/24.</p>	In-progress
	<p>3. Wind – <u>MOU</u> Concluded with CSIR to investigate predictive model, potential infrastructure engineering solution/s, equipment which are more resilient to wind, and optimal recovery plan.</p> <p>a) Conduct Bi- Annual Stakeholder Update Workshop b) Implement preliminary findings / recommendations</p>	In-progress
	<p>4. Fog – Investigate impact on Marine & Cargo Operations and explore possible mitigation.</p>	In-progress

3. PORT OF CAPE TOWN 8-POINT PLAN



Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">4</p> <p>Terminal Equipment & Port Infrastructure</p>	<p>1. Create additional container capacity (CTCT Phase 2b – increase capacity from 1m to 1.4m TEUs):</p>	<p style="text-align: center;">In-progress</p>
	<p>a) Increase Container Stack Capacity (TPT).</p> <p>b) Increase capacity of rail marshalling yard (from 40 to 50 wagon trains).</p> <p>c) Create a permanent Truck Staging Facility.</p>	
	<p>2. Monitor the implementation of the Terminal Operators capital investment, maintenance, and refurbishment plans (Transnet Port Terminals (TPT) and Fruit Produce Terminal (FPT), and other terminals).</p>	
	<p>3. F-Berth Refurbishment.</p>	<p style="text-align: center;">Completed</p>
	<p>4. J-berth Refurbishment</p>	<p style="text-align: center;">In-progress</p>
	<p>5. <u>Dredge CTCT Berths 601 to 604</u></p>	<p style="text-align: center;">Completed</p>
<p>6. Design and construct traffic circle in Duncan Road</p>	<p style="text-align: center;">In-Progress</p>	

3. PORT OF CAPE TOWN 8-POINT PLAN



	Initiatives / Strategic Projects	Status
<p style="text-align: center;">5</p> <p style="text-align: center;">Focus Areas</p> <p>Improve Truck Operations</p>	1. Interim Truck Staging Facility operational from June 2022. Maintenance Contract concluded to maintain the facility.	Ongoing/Completed
	2. Reduce truck terminal inflow during peaks ahead of stack closure, through introduction of additional Interim Truck Staging Areas.	In-progress
	3. Increase Port utilisation on 24/7 basis (" <u>night runs</u> ").	In-progress
	4. Support the enhancement of the Truck Booking System (TPT – NAVIS: Gate Expert) and integration thereof with TNPA perimeter access control.	In-progress
	5. Implement Resolution from Truck industry workshop held in August 2023	In-Progress
	6. Smart Traffic Management through enhanced Infrastructure, Systems and Operations.	Ongoing/Completed
	7. Facilitate the construction of the CoCT Truck Stops [CoCT]	In- Progress
	8. Facilitate the formal establishment of "umbrella trucking association" and subsequent compilation of a Working Document [WCG]	In- Progress
	9. Develop and Implement Port Traffic Management Plan	In-Progress
	10. Daily Traffic Security Alignment Meetings	Ongoing/ Completed

3. PORT OF CAPE TOWN 8-POINT PLAN



Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">6</p> <p>Optimise Marine Services</p>	1. Implement a 3x Tugs and 3x Berthing Gang operation.	Ongoing/Completed
	2. Monitor Marine Operations Performance Standards (MOPS) to minimise vessel service delays.	Ongoing/Completed
	3. Marine Fleet Upgrade (2 x Workboats by 2025 & 2 x Launches by 2024).	In-progress
	4. Implement Long term <u>Fleet Maintenance Contracts</u>	In-progress
	5. Secure a 5 th Tug for the Port of Cape Town (for Redundancy)	In- progress

3. PORT OF CAPE TOWN 8-POINT PLAN



Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">7</p> <p style="text-align: center;">People</p>	1. Develop a pipeline line for critical skills (Marine & Engineering services).	Ongoing
	2. Fill critical vacancies in port operations.	Ongoing
	3. Implement TNPA Incentive Scheme.	Completed
	4. Drive a <u>culture of service excellence & customer centricity.</u>	Ongoing

3. PORT OF CAPE TOWN 8-POINT PLAN



Focus Areas	Initiatives / Strategic Projects	Status
<p style="text-align: center;">8</p> <p style="text-align: center;">Optimize the Port as a Delivery Platform</p>	1. Continued use of <u>A Berth</u> for Cargo Operations.	In-Progress
	2. Development of Back of Port facilities (PIP Site & <u>Culemborg</u>) to address port congestion.	In-progress
	3. Conduct International Terminal (CTCT & FPT) <u>Benchmark Study</u> & Implement International Best Practice	In-progress
	4. Support enhancement of TPT Operating System (Navis) [TPT] a) Prime Route b) Expert Decking	In-progress
	5. Facilitate the compilations of process flow / mapping of fruit through the transport logistic chains (from farm onto vessel) and report the demanded capacity, available capacity, actual volume at each node (i.e. plantation, pack house, cold shed, terminal stack, vessel) [FPEF]	[Red Box]
	6. Facilitate the documentation of the process flow to opening and close Terminal Stacks [EWC]	In-Progress

4. Concession Projects

Concessions / Section 56



No.	Port	Name of Project	Current Phase	Next Phase (Q1 FY 24/25)
1.	Cape Town	Liquid Bulk Terminal (FFS & CTBS Site – Outgoing)	RFP approval to advertise process.	• RFP Advertise – April '24
2.	Cape Town	Bunkering Terminal (JBS Site – Outgoing)	Inception	• RFP preparation – April '24

5. CULEMBORG INTRODUCTION

PORT OF CAPE TOWN

1. Port of Cape Town (PoCT) is vital for international trade, handling both imports & exports, and shapes South Africa's economy significantly.
2. The port experiences several constraints from a transport, freight logistics, and supply chain perspective.
3. As a city port, PoCT is landlocked by a rapidly growing city, further frustrating the logistics challenges due to competing needs for limited space.
4. Culemborg creates an opportunity for back-of-port facilities, enhancing port/ city integration and creating an enabling environment for efficient cargo movement.

PORT OVERVIEW





5. CULEMBORG – SITE LOCATION



Site Information:

- Brownfield site
- Existing tenants & unoccupied dilapidated buildings
- Poor services
- Approximately 30 hectares



6. CONCLUSION

Port strategy enablement of growth in key commodities and will position the PoCT as;



a Global Premium Fruit and Agriculture Export Hub.



a diversified Energy hub for the Western Cape complementing the Port of Saldanha.



**a Container Terminal for the Western Cape.
a multi commodity mix (MPT) port specializing in handling of dry bulk and break bulk.**



a leading boat building and Ship Repair hub for Sub Saharan Africa.



a "SMART People's Port" focusing on cruise, real estate development, recreational and tourism



Thank you

