



11-13 March 2025

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CGA Citrus Summit

TOUGH TIMES DON'T LAST, TOUGH PEOPLE DO



CGA Logistics Strategy for the Citrus Export Industry

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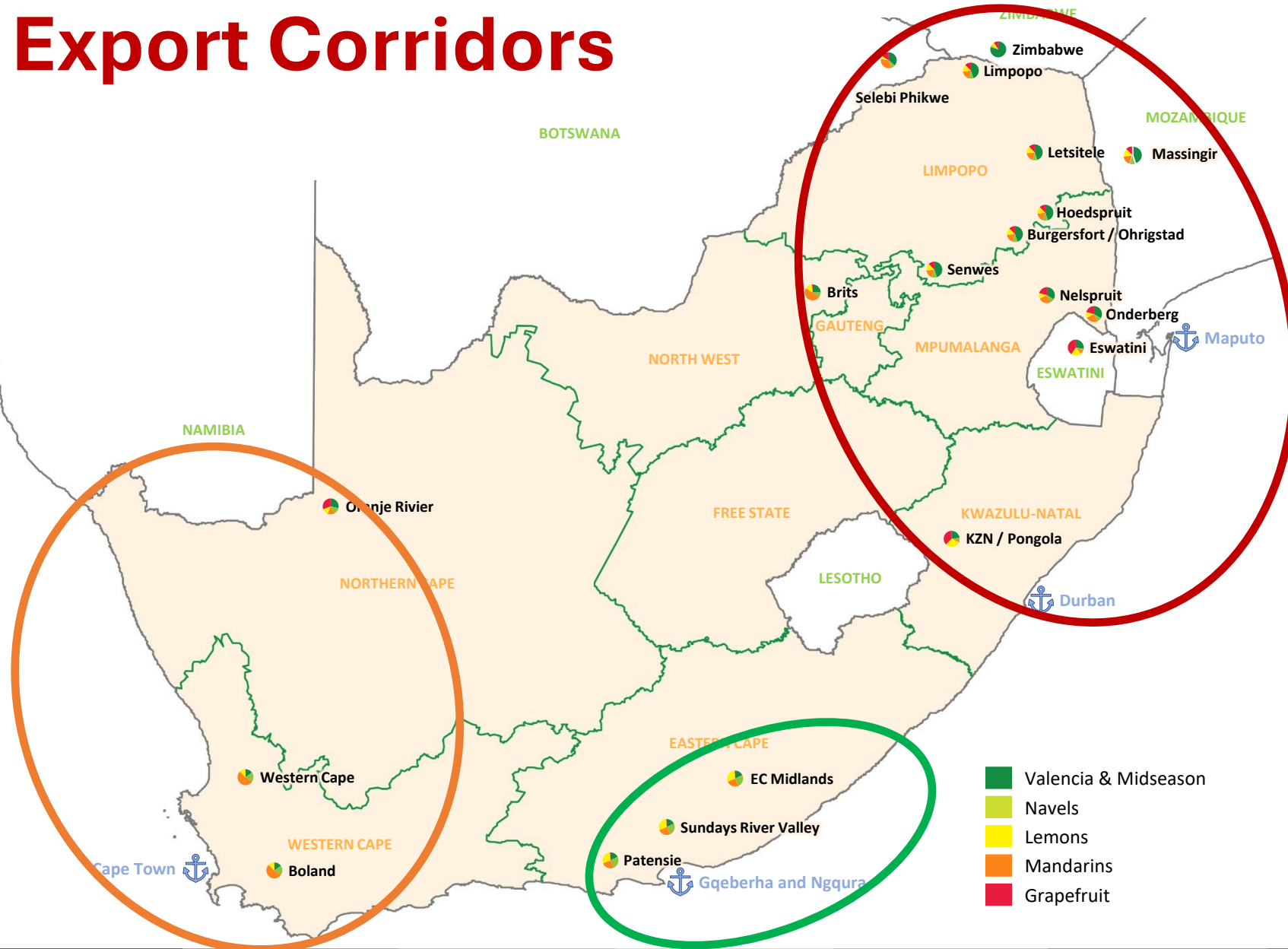


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Southern African Citrus Growing Regions and Key Export Corridors



Key Export Corridors

-  **Northern Corridor** including KZN, eSwatini, Mpumalanga, Limpopo, North West Province, Botswana, Zimbabwe and Mozambique exporting from the Maputo and Durban ports.
-  **Central Corridor** including Patensie and Hankey area, Sundays River Valley including Addo, Sunland and Kirkwood and Eastern Cape Midlands including Fort Beaufort area exporting from the Port Elizabeth and Coega ports.
-  **Western Corridor** including Namibia, WC Boland, Citrusdal and Orange River area exporting from the Cape Town port.



Corridor Production Volume Overview & Growth Outlook >2027

(15Kg Eqv.) Source: PPECB/CGA Tree Census

Corridor Region	Year	Grapefruit	Lemons	Navels	Soft Citrus	Valencia	Corridor Total	
Northern Corridor	2021	15 739 478	10 843 875	9 539 116	10 626 474	40 615 600	87 364 542	
	2022	14 766 166	12 282 829	8 526 192	11 207 368	36 975 200	83 757 755	
	2023	12 439 244	12 413 002	6 853 438	12 426 983	36 912 892	81 045 559	
	2024	12 525 469	10 938 428	5 932 962	13 260 848	33 865 756	76 523 463	
	Vision 260	15 600 000	16 500 000	8 560 000	22 000 000	46 070 000	108 730 000	110m *Incl. Botswana & Mozambique
Central Corridor	2021	439 208	16 063 479	9 780 793	7 602 807	8 161 694	42 047 981	
	2022	394 333	17 583 934	11 369 311	8 517 786	10 162 853	48 028 217	
	2023	539 042	18 301 747	10 536 720	9 590 133	8 529 267	47 496 909	
	2024	496 564	19 077 633	12 446 668	11 633 722	9 285 934	52 940 522	
	Vision 260	500 000	20 200 000	11 000 000	12 200 000	10 500 000	54 400 000	56m *Rebased Navels
Western Corridor	2021	1 485 641	3 825 248	7 704 085	12 649 535	6 070 924	31 735 432	
	2022	1 583 660	4 598 869	7 825 087	12 039 894	6 723 068	32 770 578	
	2023	1 758 073	4 616 061	7 323 647	15 950 364	6 589 045	36 237 190	
	2024	1 318 632	4 395 901	6 613 235	16 735 081	5 566 498	34 629 348	
	Vision 260	2 000 000	5 900 000	7 500 000	21 000 000	8 100 000	44 500 000	44m *Rebased Navels
SOUTHERN AFRICA TOTAL	2021	17 664 327	30 732 602	27 023 994	30 878 815	54 848 217	161 147 955	
	2022	16 744 159	34 465 632	27 720 590	31 765 048	53 861 121	164 556 550	
	2023	14 736 359	35 330 810	24 713 805	37 967 480	52 031 204	164 779 658	
	2024	14 340 665	34 411 963	24 992 865	41 629 651	48 718 188	164 093 333	
	Vision 260	18 100 000	42 600 000	27 060 000	55 200 000	64 670 000	207 630 000	210m



Corridor Reefer FEU Volume Overview & Growth Outlook >2027

(Reefer FEU) Source: PPECB/CGA Tree Census

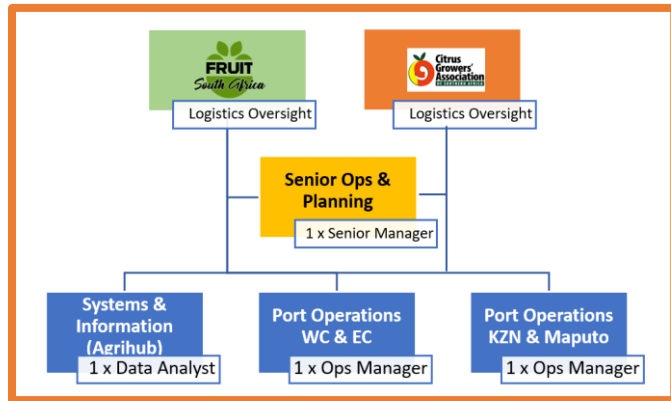
Port	2022	2023	2024	>2027 SRV	> 2027 Nil SRV
Durban	50 200	50 100	42 800	58 000	63 750
Maputo	500	1 100	760	5 000	5 000
PE/Coega	21 800	23 700	27 500	34 000	35 000
Cape Town	22 100	22 700	23 700	25 000	27 500
Total All Ports	94 600	97 600	94 760	122 000	131 250



“If you fail to plan, you are planning to fail!” – Benjamin Franklin



CGA Logistics Focus Strategy 2025



OPERATIONS
(REEFER OPTIMIZATION PROJECT)

PROJECTS & RESEARCH
(IMPLEMENTATION)

STRATEGY & ALIGNMENT
(VISION 260)

EFFECTIVENESS, EFFICIENCY, COST REDUCTION, SUSTAINABILITY:

- 🍊 Transportation by road & rail
- 🍊 Sustainable energy transition
- 🍊 Cold chain operational research (CRI)
- 🍊 Cost chain calculations and benchmarking
- 🍊 Ports & shipping

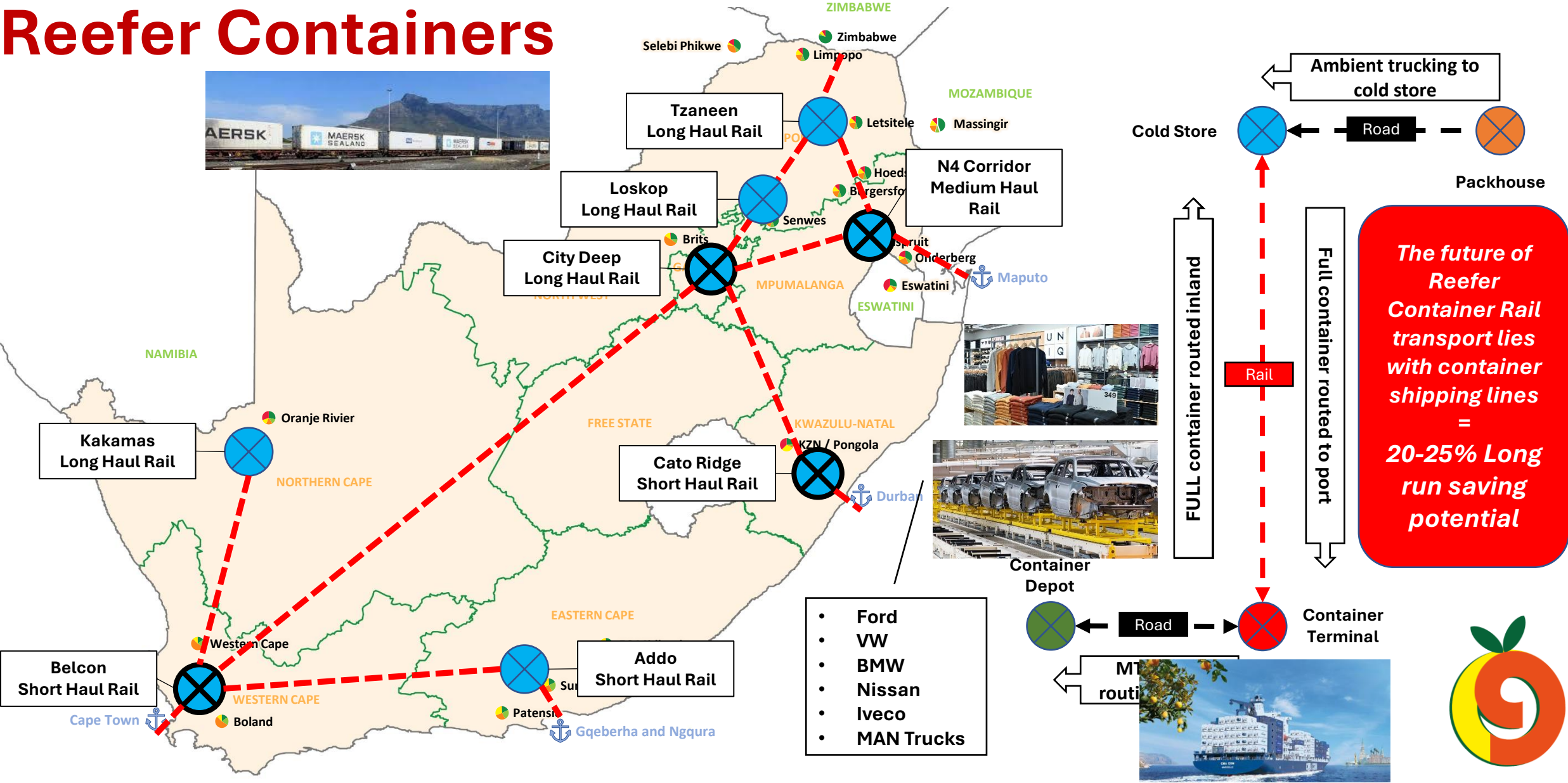
- 🍊 Government – DoT, DTIC, DALRRD
- 🍊 Transnet – TNPA, TPT, TFR
- 🍊 NLCC, BUSA, Agbiz
- 🍊 Logistics service providers
- 🍊 Shipping Lines



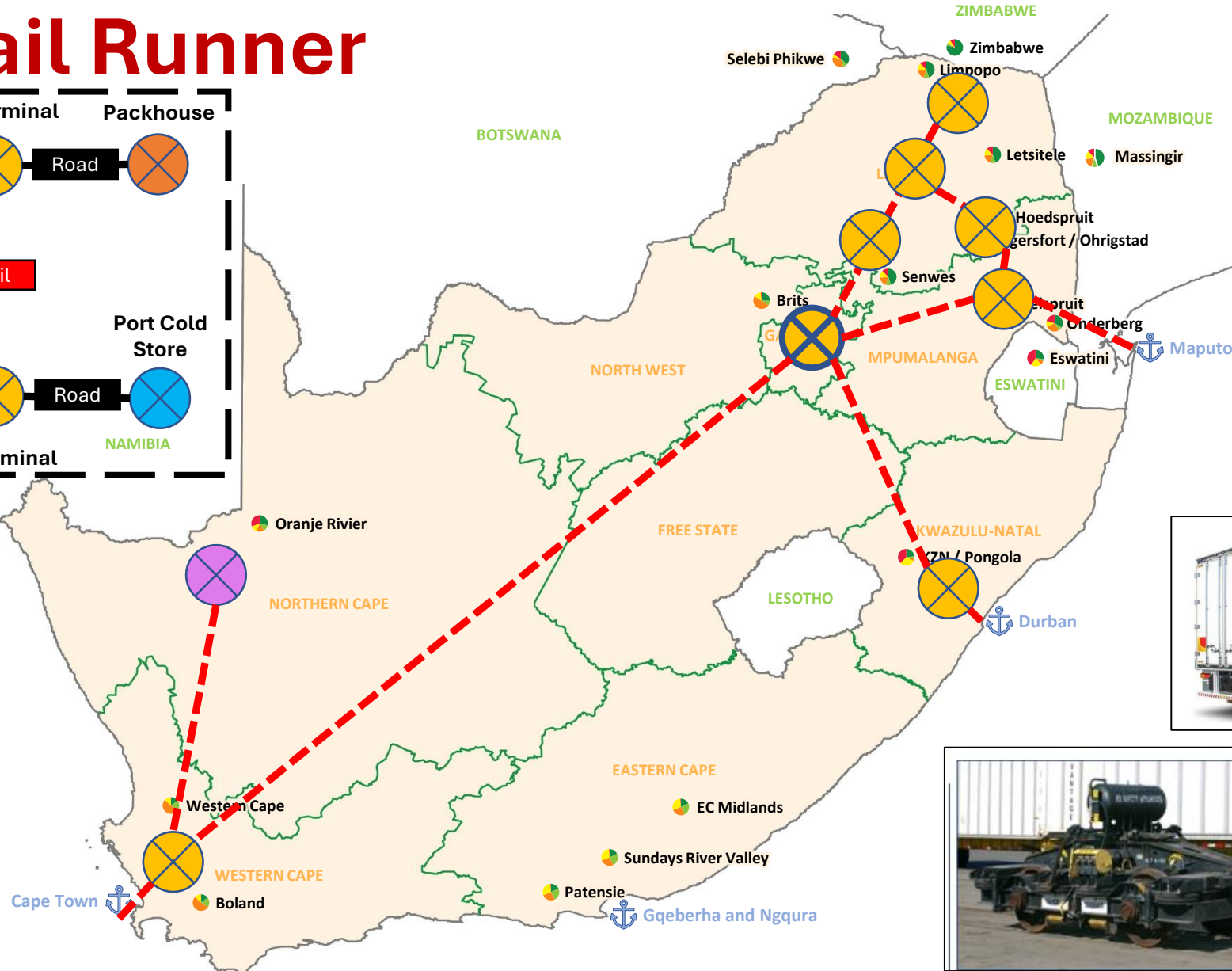
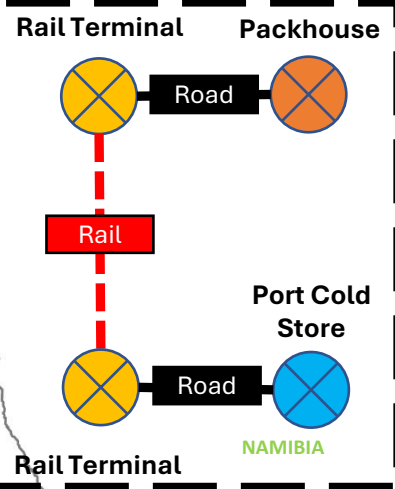
Corridor Reefer Operational Optimization Project



Rail Transportation Potential for Citrus Exports – Reefer Containers

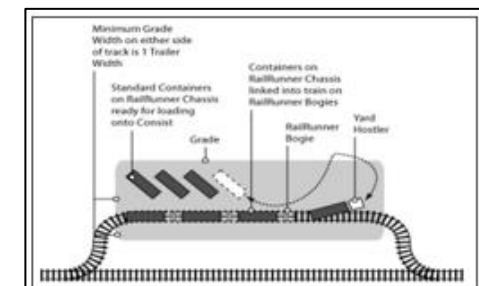


Rail Transportation Potential for Citrus Exports – Rail Runner



Rail Runner to date:

- Design of fruit specific trailer
- Workshop with producers in Loskop Valley
- Manufacture of a train set of 48 trailers and 50 bogies
- Trial implementation focused on Loskop Valley
- Fruit industry rail company



Road Transportation Application of Performance-based Standards (PBS)

Are there potential PBS transport applications that can be adopted in the citrus [fruit] export industry?



The Performance Based Standards (PBS) scheme allows heavy vehicle operators to use innovative and optimized vehicle designs to achieve greater productivity and improved safety, while making the least possible impacts on the environment and road infrastructure.



[illegible]

Length trailer 2 = 11,301m

Length overall = 22,115m

Max payload = 52,270 Kg

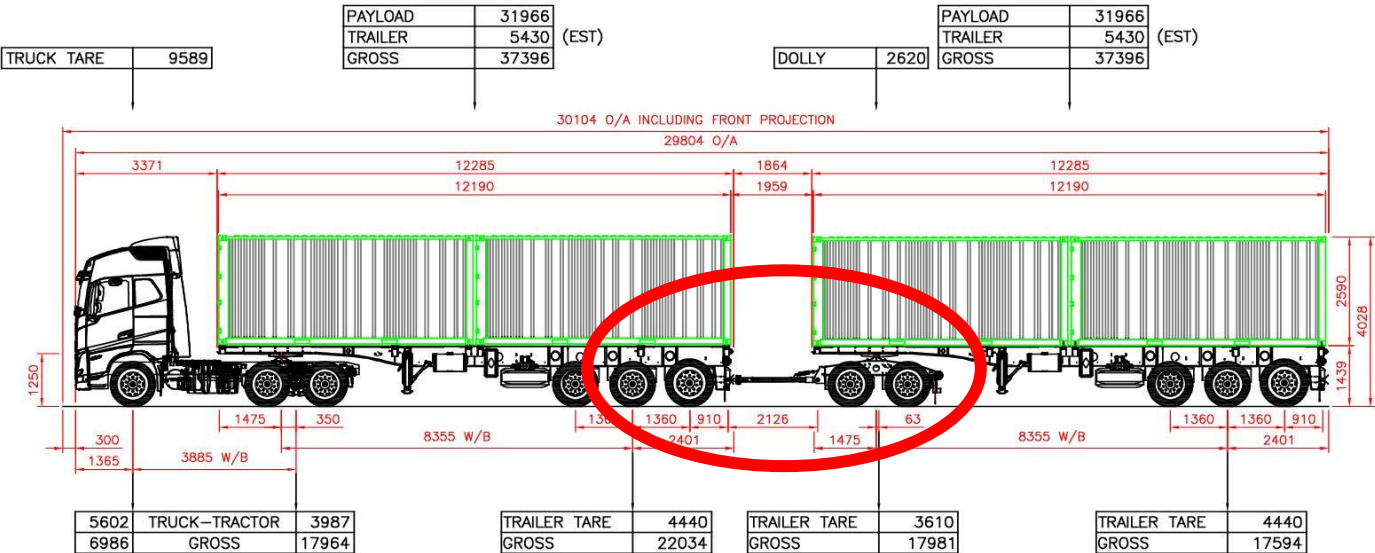
GCM = 73,500 Kg

FH = 578 HP



Road Transportation Application of Performance-based Standards (PBS)

NOTE:
- 5th WHEEL HEIGHT ON TRUCK-TRACTOR
NOT TO EXCEED 1250mm WHEN LADEN



- NOTES:
- TRUCK AND TRAILER COMBINATION EXCEEDS LEGAL LENGTH OF 22m
 - TRUCK AND TRAILER COMBINATION EXCEEDS LEGAL GCM OF 56000kg
 - 315/80 R22.5 DUAL WHEELS WITH ALUMINIUM RIMS
 - 425/65 R22.5 SUPER SINGLE STEERING AXLE ON SEMI TRAILER (3rd AXLE)

MAX PAYLOAD	63931kg
G.C.M.	87000kg

REVISION			
D	01/11/24	RH/JP	GCM UPDATED
C	31/10/24	RH / JP	UPDATED AS PER JOB 18555
B	21/06/22	ML/FC	TRUCK CHANGED FROM VOLVO FH 610
A	07/06/22	ML/RH	DRAWING UPDATED
REV	DATE	BY	REVISION DESCRIPTION

AFRIT
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COMBINATION TYPE: TRA/TRA SEMI			
TITLE: TRIDEM/TRIDEM AXLE SEMI TRAILER WITH TANDEM AXLE DOLLY ON VOLVO FH 520 SR HSLP TT			
SCALE: N.T.S	DRAWN BY: RH/TW	DATE: 15/04/21	DRAWING No: D919-26



Tridem/Tridem axle Semi trailer combination with Tandem Axle Dolly -

Length trailer 1 = 12,285m

Length trailer 2 = 12,285m

Length overall = 29,804m

Max payload = 63,931 Kg

GCM = 87,000 Kg

FH = 520 HP





**Thank You / Dankie / Enkosi /
Ngiyabonga / Inkomu**

***“Take control of your destiny by taking action today, Your future is
in your hands!” Peter Drucker***

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