

16th Intermodal
AFRICA
2016



**Striving for prosperity in the region:
Transnet's offering to Africa**

**Michelle Phillips, Transnet Port Terminals
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www.transnet.net

Shipping Lines' Requirements from International Terminal Operators



Roll out the Red Carpet!
- It is Africa's time to Shine

What a Shipping Line requires
from a Terminal Operator:

- Connectivity
- Reliability & Predictability
- Efficiency (speed, simplicity)
- Quality of infrastructure
- Competitive pricing
- Competence
- Timeliness



Reliability: Logistics Performance Index

– SA rated #20 in the World



The logistics performance (LPI) is the weighted average of the country scores on the six key dimensions:

- 1) Efficiency of the **clearance process** (i.e., speed, simplicity and predictability of formalities) by border control agencies, including customs;
- 2) Quality of trade and transport related **infrastructure** (e.g., ports, railroads, roads, information technology);
- 3) Ease of arranging competitively priced **shipments**;
- 4) Competence and **quality of logistics services** (e.g., transport operators, customs brokers);
- 5) Ability to **track and trace** consignments;
- 6) **Timeliness of shipments** in reaching destination within the scheduled or expected delivery time.





Transnet Group: responsible for leadership and policy setting across the Operating Divisions



Advanced Manufacturing

Transnet Freight Rail (TFR)

Transnet National Ports Authority (TNPA)

Transnet Port Terminals (TPT)

Transnet Pipelines (TPL)

Capital Projects Transnet Foundation Property Schools

- Support TFR for rolling stock and TPT for lifting equipment maintenance
- eight product-focused businesses, 150 depots, seven factories and 15, 000 employees

- 20 500 km of railway track (80% of Africa's total rail)
- 182 million tons of freight
- General freight & 2 heavy haul export lines
- 25, 000 employees

- 8 Commercial ports along 2 954 km of coastline
- Plan, provide, maintain and improve port infrastructure
- Providing marine-related services , including dredging, aids to navigation, ship repairs and marine operations

- 16 Cargo Terminals (68 berths) operating across 7 ports
- Containers, Mineral Bulk and the Agricultural Bulk and Ro-Ro (roll on/roll off)

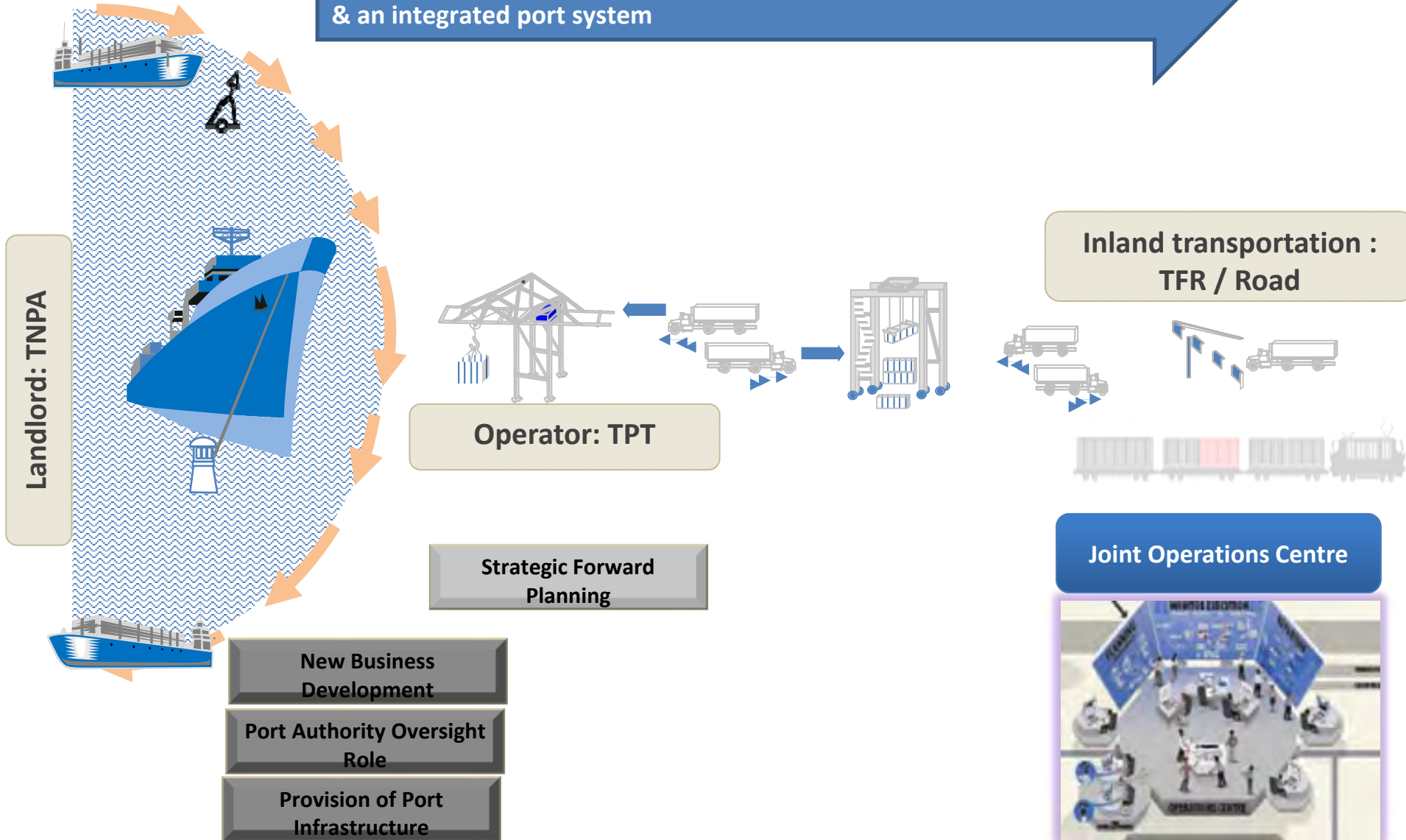
- Transnet pipelines' network transports 100% of South Africa's bulk petroleum products.
- 18 billion litres of petroleum products and gas through 3 000 km of pipelines, mainly to Gauteng

- R337 billion of capital investments over 7 years
- CSI in Education, Health, Sport, Arts & Agriculture
- Property Management
- Transnet Schools

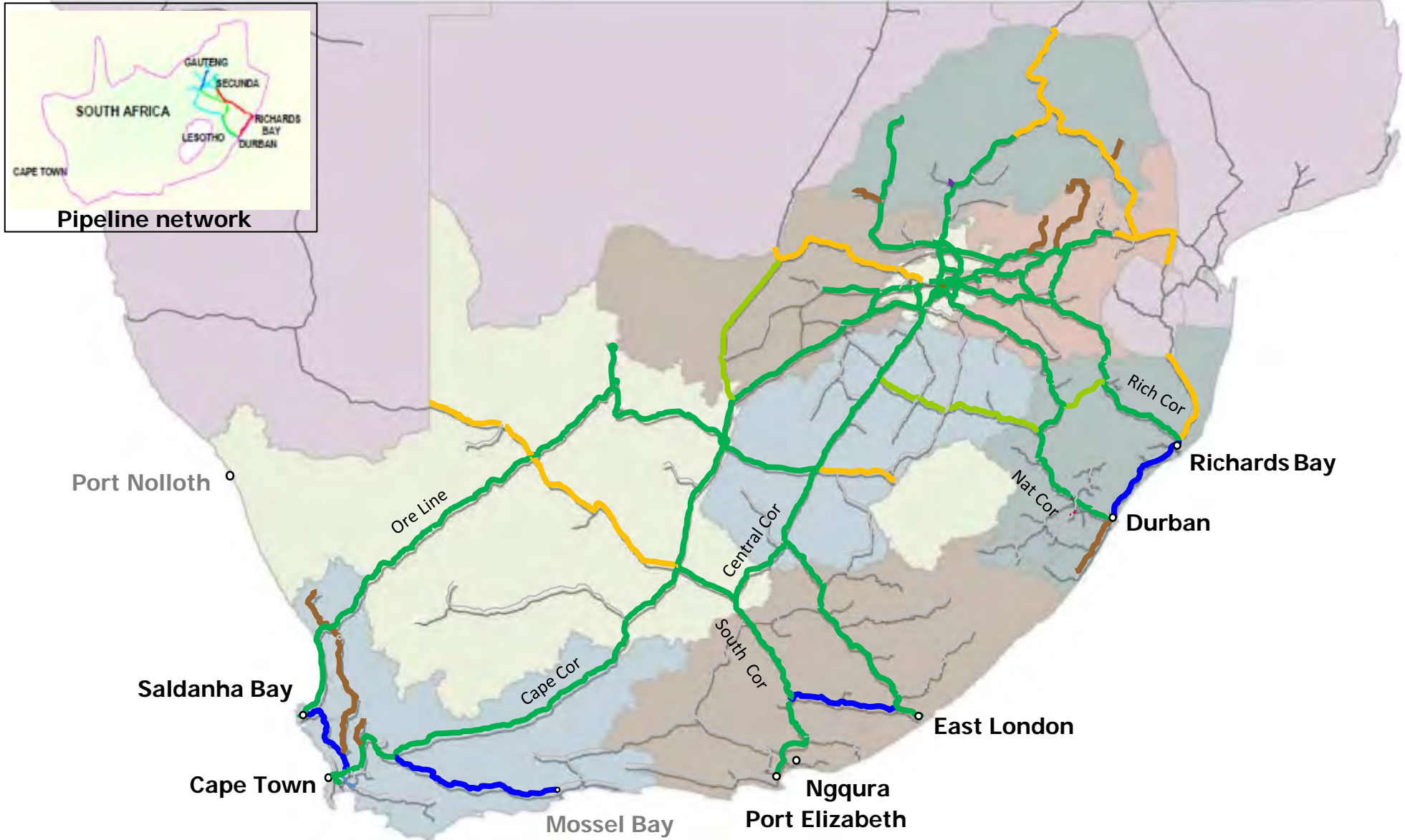
How TPT, TNPA and TFR compliment each other



Strategic Intent: Supplying capacity ahead of demand & an integrated port system



Transnet's Integrated Port, Rail and Pipeline Network



TPT's annual capacity



delivering freight reliably port terminals



Bulk: 93,6m tons

bulk



Breakbulk: 19,3m tons

break bulk



delivering freight reliably



automotive

Automotive: 827 000 units



containers

Containers: 6.5m teu

Port of Saldanha



Part of the Saldanha Bay Industrial Development Zone

Bulk
60 m tons

Multi Purpose
6,7m tons

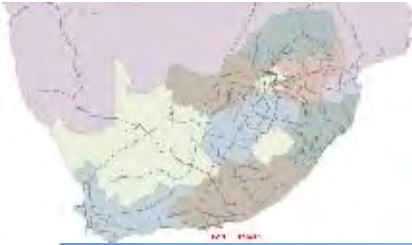
Port of Cape Town



Multi Purpose
600k tons;
90k teu

Container
1m teu

Port Elizabeth



Port of Ngqura



Container
1,5m teus

Part of the
Coega Industrial
Development
Zone

Port of East London



Container
: 90k teu

Multi
Purpose: 200k
tons

Bulk
500k tons

Part of the
East London
Industrial
Development
Zone

Automotive
157k units



Port of Durban



Durban Container Terminals (DCT) - Pier 1 & Pier 2



Pier 1
Container
700k teu

Pier 2
Container
2,4m teu



Durban Terminals – Point and RORO



Multi Purpose
230 k teu;
700k tons

Automotive
520k units

Durban MPT Terminals – MAYDON WHARF, AGRI



Bulk
1,5m tons

Multi Purpose
1,5m tons

Richards Bay Terminal

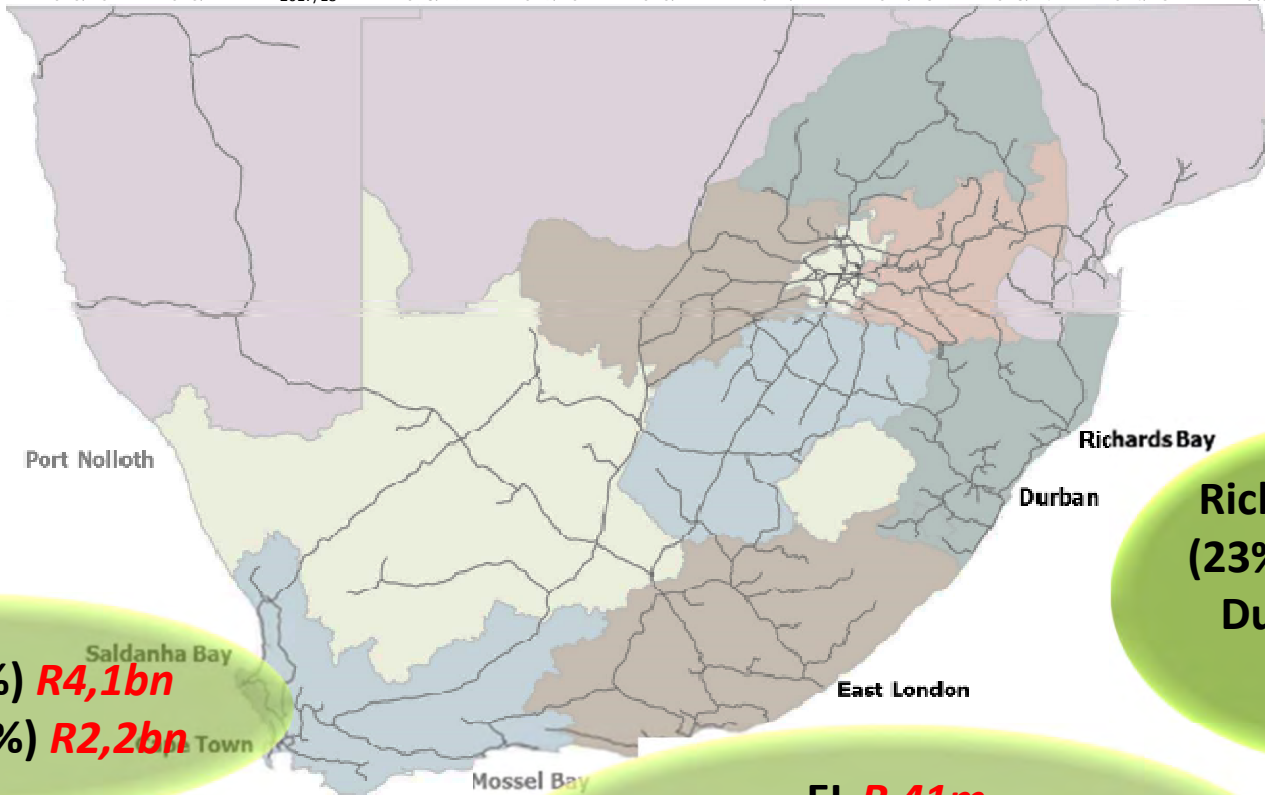
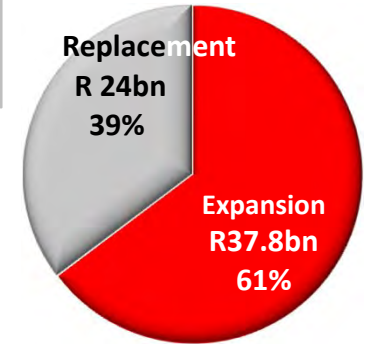
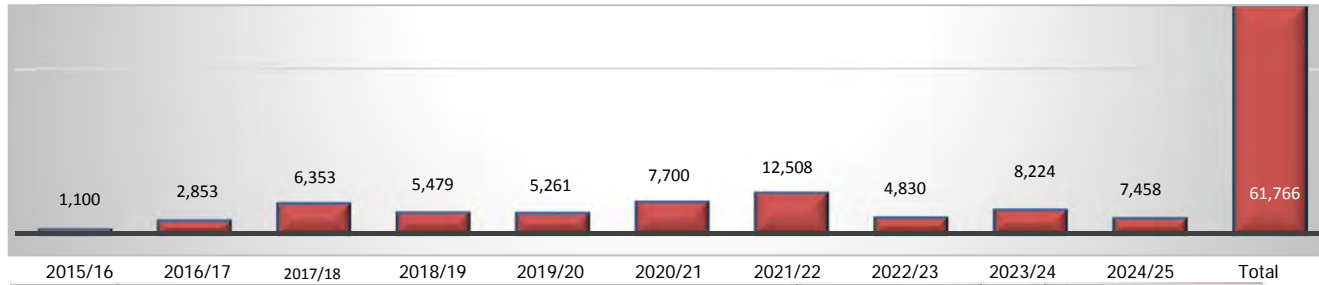


Multi Purpose
8,7m tons

Bulk
26,6m tons

Containers
22k teus

Transnet Port Terminal's Investment over the next 10 Years = R61,7bn



Richards Bay (23%) R 14,4bn
Durban (45%) R 27,9bn

Saldanha (7%) R4,1bn
Cape Town (5%) R2,2bn

EL R 41m
Ngqura (5%) R 3.1bn
PE (1%) R 814M
Manganese (14%) R8.6bn

Infrastructure Development

- Creating capacity ahead of demand



Current layout



Existing Pier 1

Existing Pier 2

Future layout

Infill area at Pier 1.
Deepen basin to 16.5m
to Construct two new
deep water berths

Conducting detailed
planning
Construction planned
to begin 2019



Deepen Pier 2 North Quay
from -12,2m to -16,5m
and lengthen berths from
914m to 1210m

Construction will
commence in Oct 2017

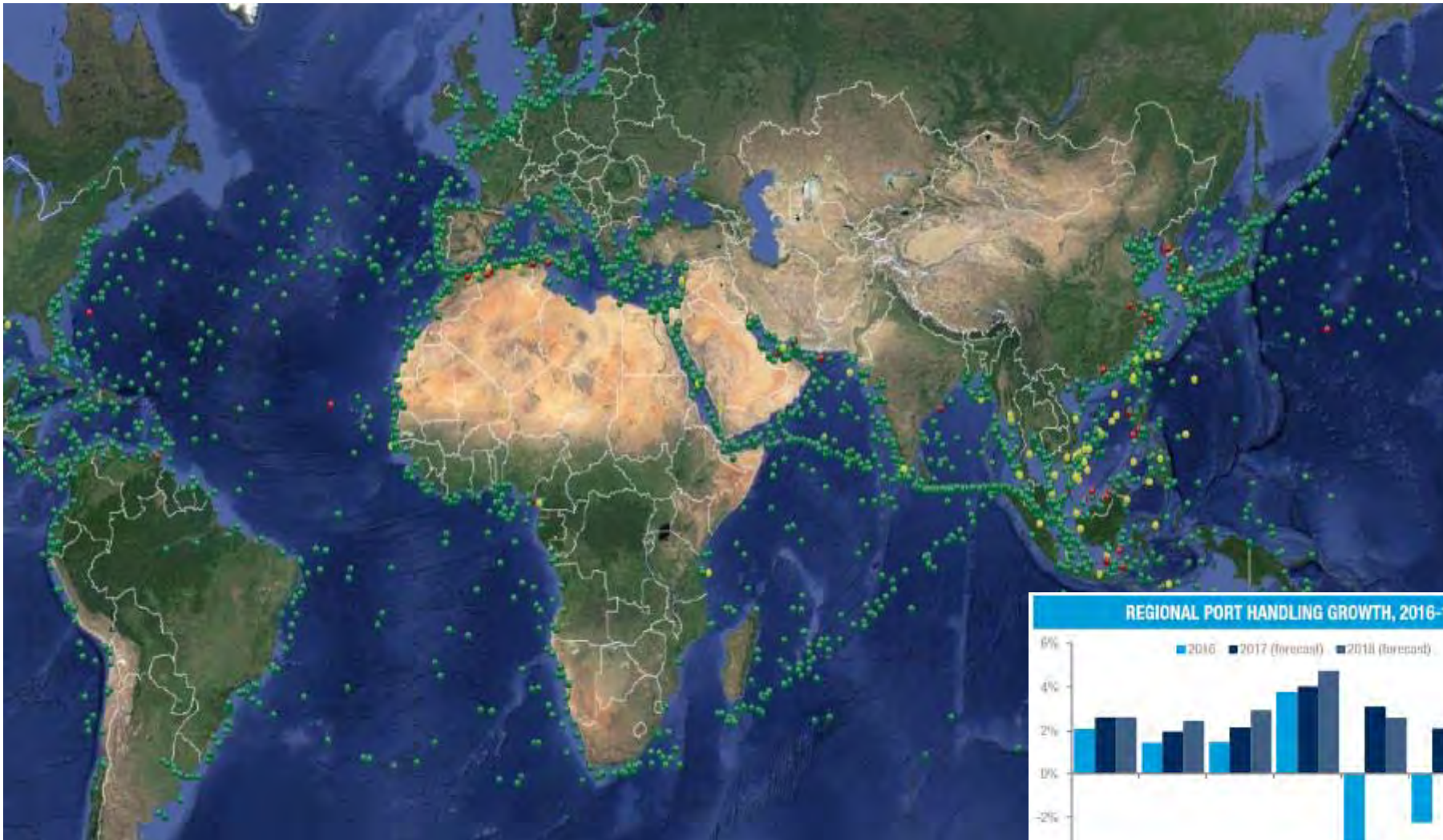
Increased Pier 1
capacity 700k –
2.1m teu

Increased
Pier 2
capacity 2.4m
– 2.9m teu

Connectivity: Container Ships Trade Routes



as at 16 Feb '16

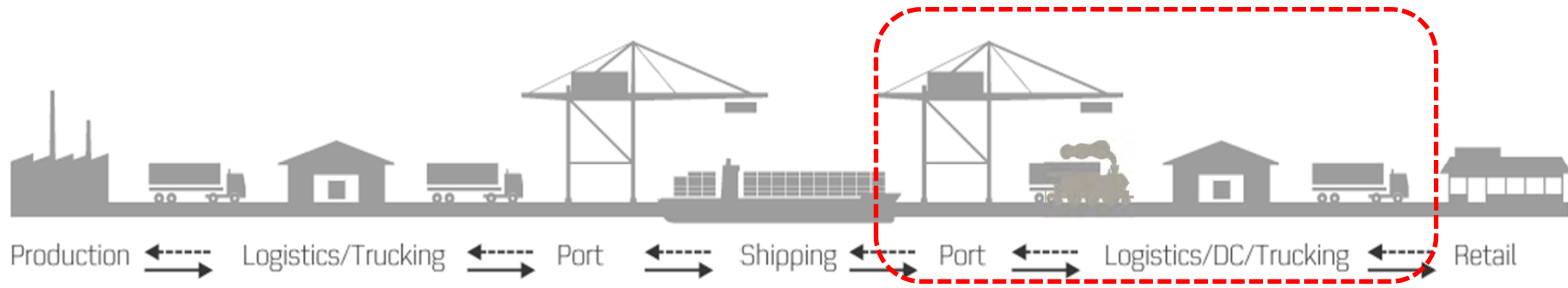


Source: Drewry Maritime Research

Source: 1. Dr Henriëtte van Niekerk, Clarksons Platou
2. Drewry Container Forecaster & Annual Review 2016/17 Quarter 3 • October 2016



One integrated intermodal business Other opportunities with Transnet



**Looking for a
Tailor-Made
Terminal *Solution*?**
Let's Talk



As an African State-owned Entity with extensive experience, deep capabilities and unique expertise across the logistics supply chain, Transnet delivers competitive, innovative, end-to-end logistics solutions by creating partnerships to support customers throughout the logistics life-cycle and across all requirements, to sustainably grow together

Planning



- Enable growth through short, medium & long term planning of rail, port and pipeline operations
- High level conceptual and feasibility studies of port, rail and pipelines including advisory services for port cities
- Design operations through business & systems planning

Operations



- Operate port, rail and pipeline facilities
- Promote the integration of port and rail solutions to generate seamless logistics solutions
- Establish and operate seaport terminals, inland terminals and warehouse facilities

Engineering and Maintenance



- Extend port & rail equipment life-cycle through maintenance and equipment supply
- Provide property life-cycle management and safety programs to reduce costs and improve working conditions
- In-service maintenance, upgrades, as well as conversion, manufacturing and supply of new rolling stock

Consulting and Advisory



- Provide engineering, infrastructure & technical services for optimal rail, port and pipeline asset utilisation and planning, as well as EPCM¹
- Installation, customisation and support of IT (GCOS) solutions for port terminals
- Provide advisory on port management, marine and port authority related matters to improve focus and efficiency

Training and Development



- Leverage Transnet's extensive knowledge and experience across the logistics value chain to provide value adding training services across the continent
- Utilise Transnet's various schools to transfer skills and to create sustainable organisations across Africa

Our support services enable organisations to access financing, capital dredging, construction and pre-construction design, as well as other key enablers to your logistics offerings

Transnet Academy's Training Service Offerings



- Transnet's schools offer a wide range of training options to equip individuals to perform both technical and business roles across ports, rail and pipelines logistics solutions

Maritime School of Excellence



Prepares learners for port and port authority roles both in South Africa and in the Southern African region through various local and international collaborations

School of Rail



Assorted rail-related training including operations, signalling, permanent way construction, welding, maintenance, railway engineering and safety training, in South Africa and internationally

The Institute of Technical Training, Pipeline and Security



Developing technical skills for critical roles such as apprentices, artisans, engineers, planners, operators, protection officers, investigators and peace keepers

School of Leadership, Business Training and Commercial



Competencies related to business, management and leadership in the logistics sector with the relevant accreditations deliver for the competitive market

Thank You