

An aerial, grayscale photograph of the Red Sea region, showing the coastline of the Horn of Africa and the Red Sea basin. The text is overlaid on the upper portion of the image.

Key development trends that are shaping the Red Sea region

21st Intermodal Africa Conference

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INTRODUCTION

What's happening - Globally



- Tonnage oversupply and cascading, reshaping of alliances



- IMO Sulphur Cap and LNG implications for Bunkering and Trade routing



- Pressure on terminal operators to upgrade facilities and provide high service levels



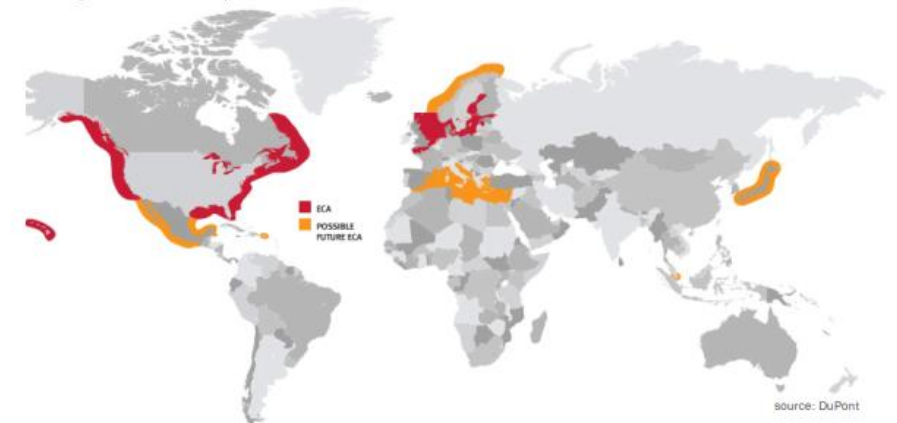
- Port authorities reshaping less competitive infrastructure



- Trade tariffs creating uncertainty

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Existing ECA zones and possible future ECAs



RED SEA REGIONAL MARKET

Current Issues Impacting International Shipping - Middle East



Politics

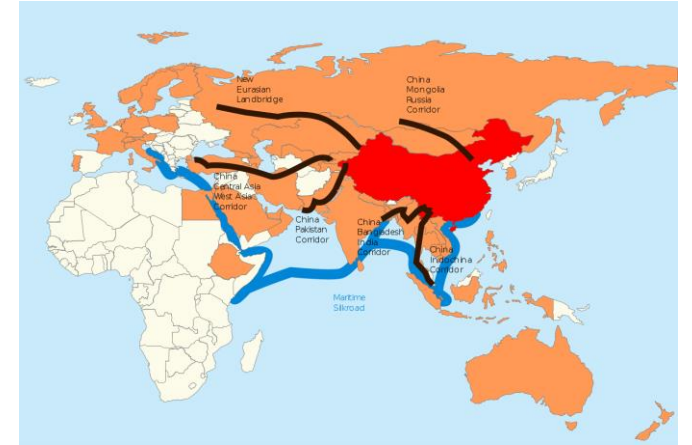
- Regional political tensions and resolutions
- Continued diversification of economies
- Sea Belt and Road initiative

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Economics

- Petrochemicals remain majority of traded cargo
- Containers increasing share of port throughput
- Transshipment hub expansions along Suez Canal/Red Sea
- Development of Saudi Landbridge and GCC rail system
- IMO new sulphur cap impact on routing
- Rise of manufacturing in South Asia as East Asia develops and deals with tariffs
- Bunkering in Gulf region




RED SEA REGION SUMMARY

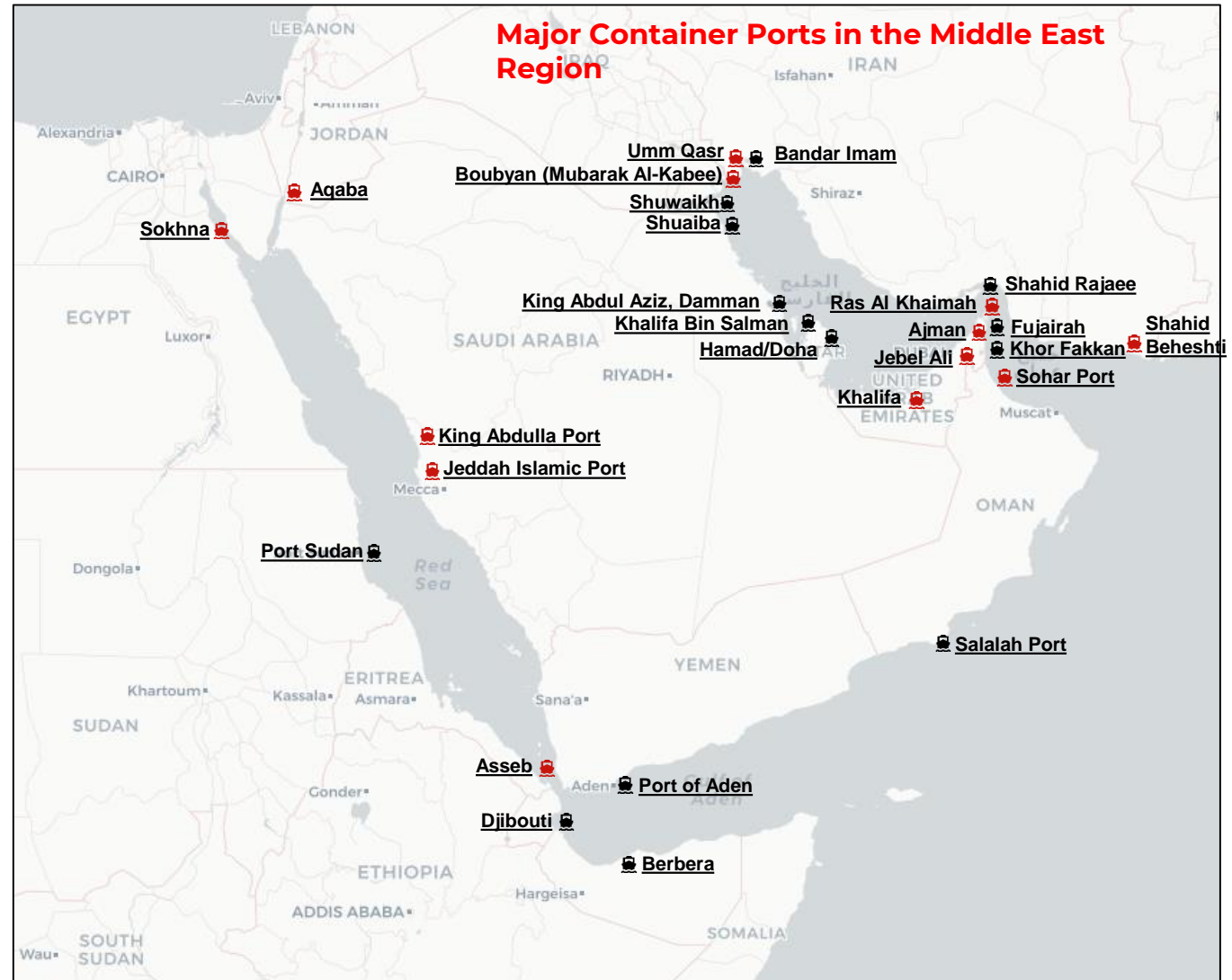
Country	Investment Condition	Primary Container Port	Container Port Developments	Latest Volume (TEUs)	Comments
Djibouti	Unrated	Djibouti	Doraleh Container Terminal	987,000	Uncertainty around developments
Eritrea	Unrated	Asseb	Potential in collaboration with Ethiopia	Unknown	
Egypt	B3 / Positive	Sokhna	Expansion of Sokhna	570,000	
Ethiopia	B1 / Stable	n.a.	n.a.	n.a.	High demand growth forecasted
Jordan	B1 / Stable	Aqaba	Planned expansion along Aqaba	796,087	
KSA	A1 / Stable	Jeddah Islamic Port (JIP)	King Abdulla Port ongoing developments, JIP possible expansion	5,736,000	North Red Sea site could support resort developments (Neom)
Oman	Baa3 / Negative	2: Sohar, Salalah	Sohar likely to develop further	4,785,000	Fujairah and Sohar may compete
Sudan	Unrated	1: Port Sudan		551,000	
Somalia	Unrated	1: Berbera			
Yemen	Unstable	1: Aden	Nil	270,000	Post conflict investment possible




RED SEA REGIONAL DEVELOPMENTS

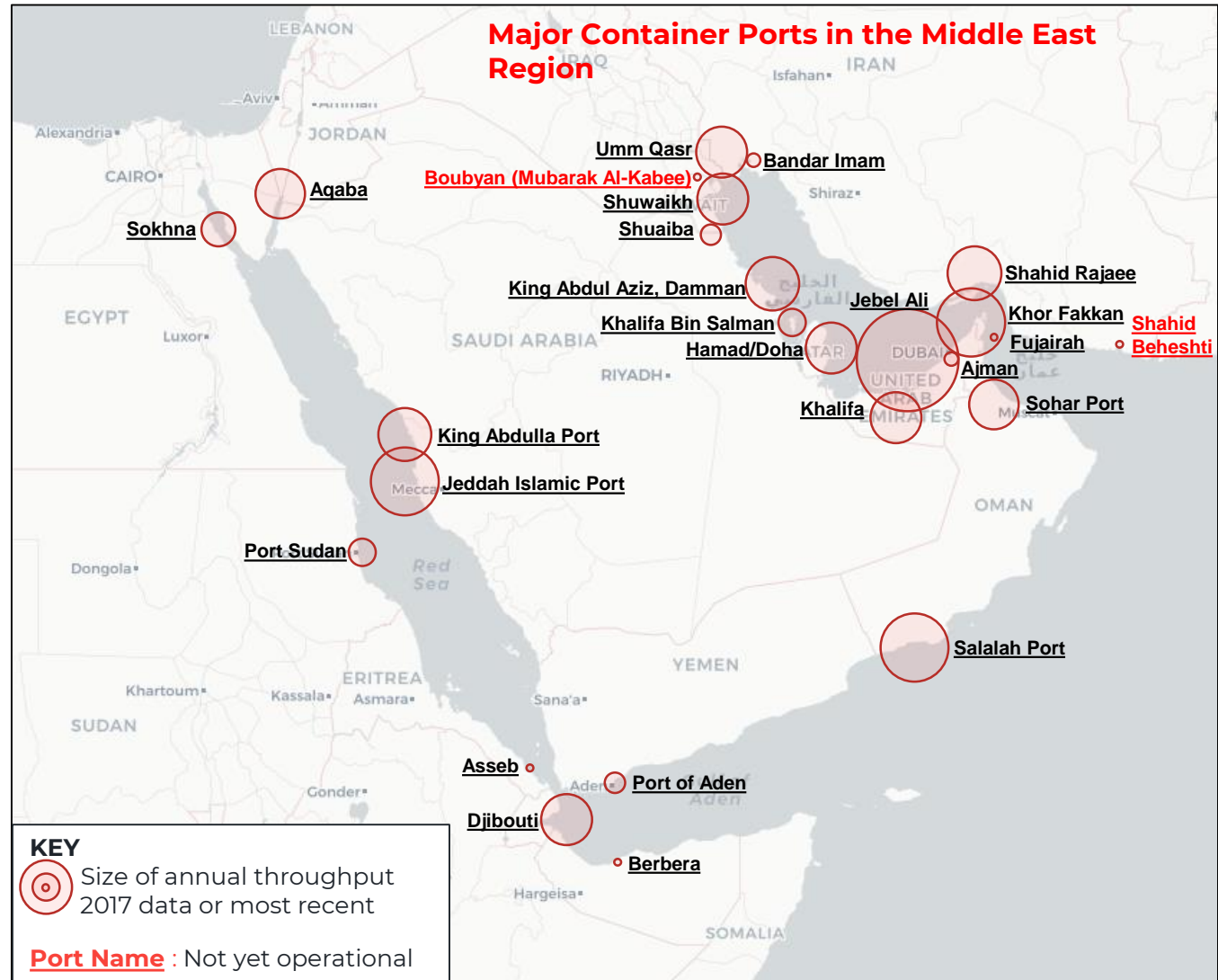
Port 	Country	Development
Ajman	UAE	<u>Offshore terminal development</u>
Aqaba	Jordan	<u>Expansion</u>
Asseb	Eritrea	<u>Development</u>
Boubyan (Mubarak Al-Kabee)	Kuwait	<u>New port development</u>
Duqm	Oman	<u>CT development</u>
Fujairah	UAE	<u>Terminal redevelopment</u>
Jebel Ali	UAE – Dubai	<u>Terminals 4 & 5</u>
Jeddah Islamic Port	KSA	<u>Terminal developments</u>
Khalifa	UAE – Abu Dhabi	<u>MSC and CSP investing in container terminals</u>
King Abdullah Port	KSA	<u>Continued development</u>
RAK & UAQ	UAE	<u>Container development</u>
Shahid Beheshti	Iran	<u>Terminal development</u>
Sohar	Oman	<u>North and South Basins</u>
Sokhna	Egypt	<u>Expansion</u>
Umm Qasr	Iraq	<u>Continued development by various operators</u>

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RED SEA REGIONAL DEMAND OVERVIEW

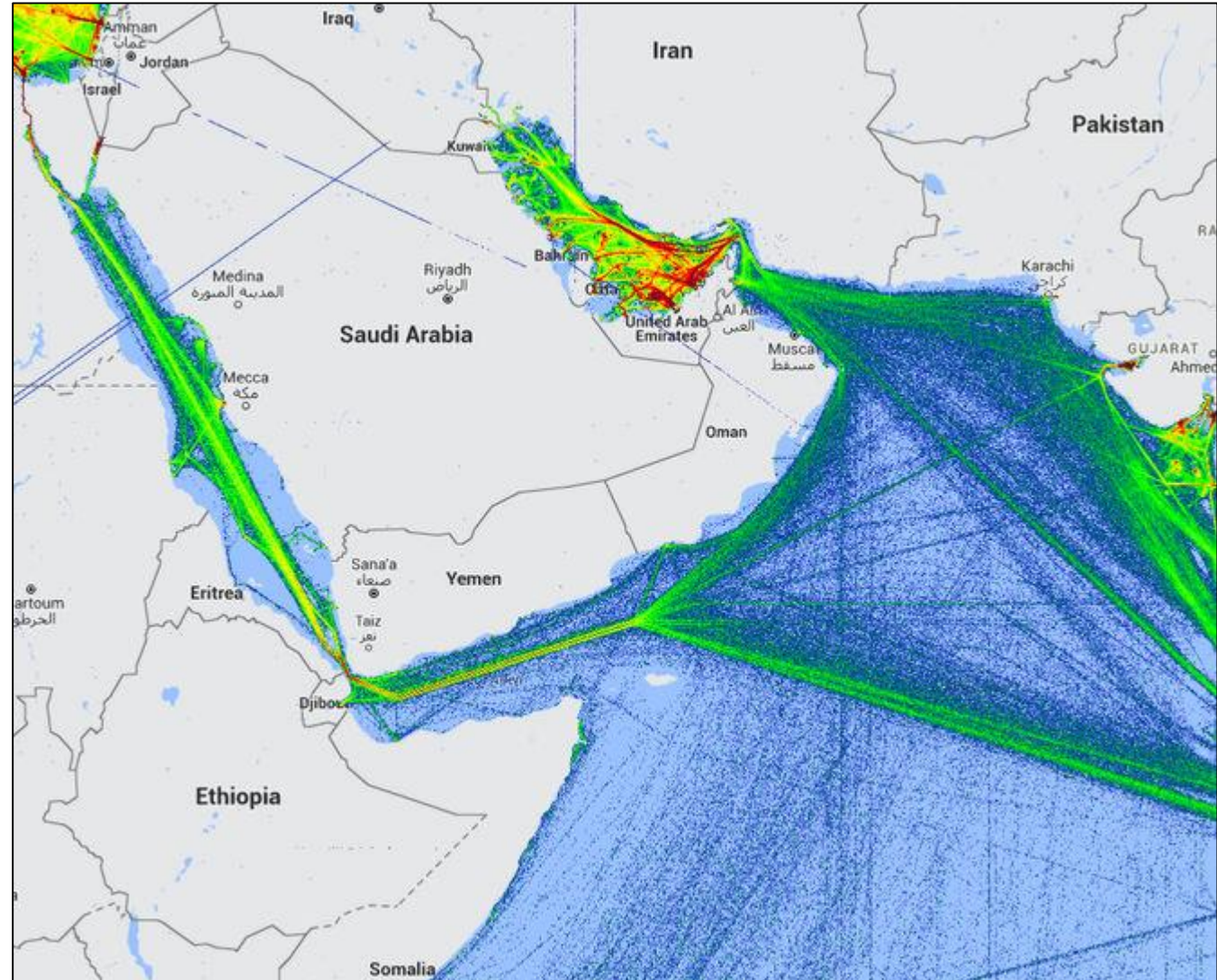
Port 	Country	Owner/Operator)
Ajman	UAE	Hutchison
Asseb	Eritrea	State
Aqaba	Jordan	ADC
Bandar Iman	Iran	State
Berbera	Somalia	DP World
Djibouti	Djibouti	State
Fujairah	UAE	Abu Dhabi Terminals
Jebel Ali Dubai	UAE	DP World)
Hamad/Doha	Qatar	State
8 Khalifa Abu Dhabi	UAE	Abu Dhabi Terminals
Khalifa Bin Salman Port	Bahrian	APMT
Khor Fakkan	Oman	Gulftainer
King Abdul Aziz, Damman	KSA	Hutchison
King Abdulla Port	KSA	TIL
Shuwaikh	Kuwait	Kuwait Port Authority
Port of Aden	Yemen	State
Port Sudan	Sudan	Sudan Ports Corp
Salalah Port	Oman	APM
Shahid Beheshti	Iran	India + Iran
Shahid Rajae	Iran	State
Shuaiba	Kuwait	KGL Ports Int
Shuwaikh	Kuwait	Kuwait Port Authority
Sohar Port	Oman	Hutchison
Sokhna	Egypt	DP World
Umm Qasr	Iraq	Gulftainer, ICTSI, CMA CGM)



REGIONAL SHIPPING ROUTING

Maritime Traffic through region

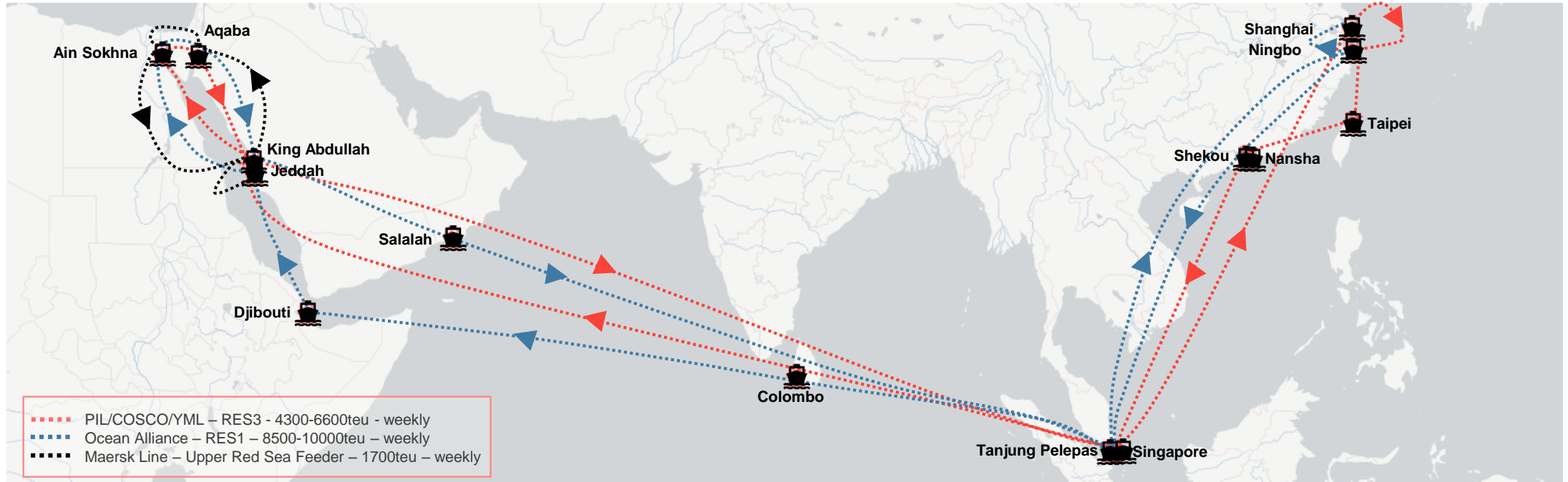
- Note Sudan to KSA traffic
- High density of traffic on Djibouti coast
- High density through Aqaba
- Red Sea regional traffic expected to develop further
- Saudi Land bridge of influence



REGIONAL SHIPPING ROUTING

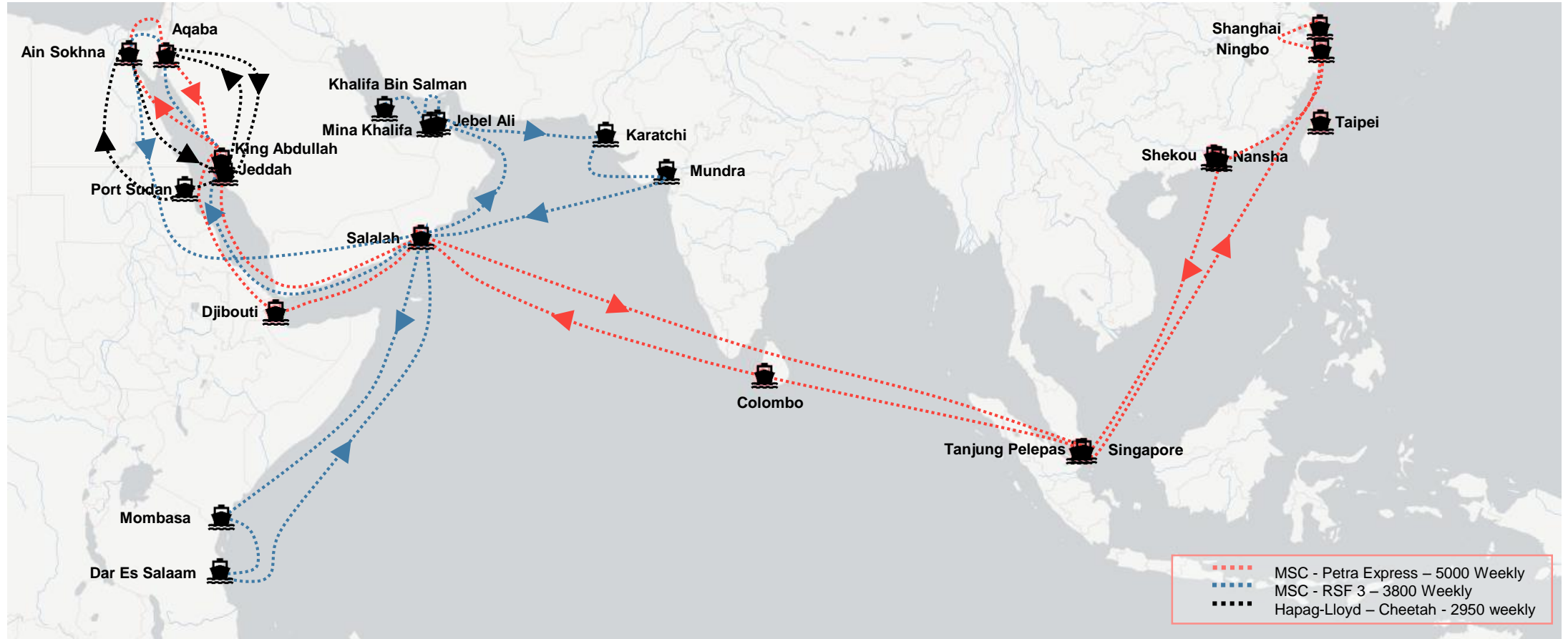
Maritime Traffic through region

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REGIONAL SHIPPING ROUTING

Maritime Traffic through region



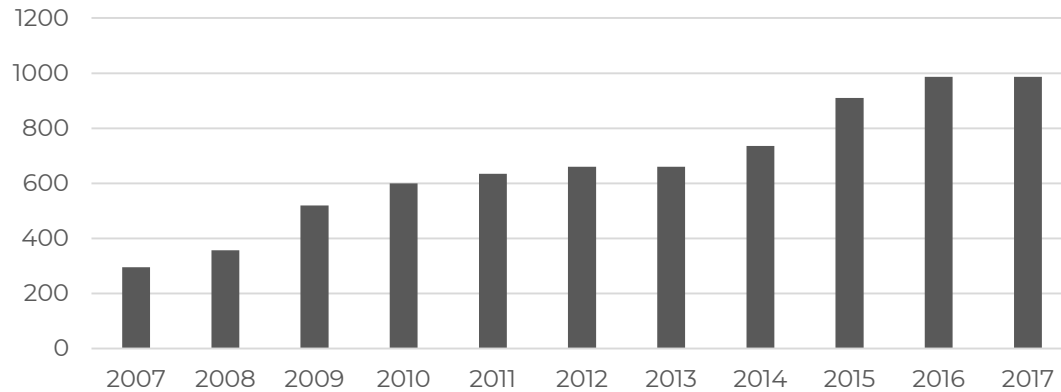
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RED SEA CONTAINER HISTORICAL

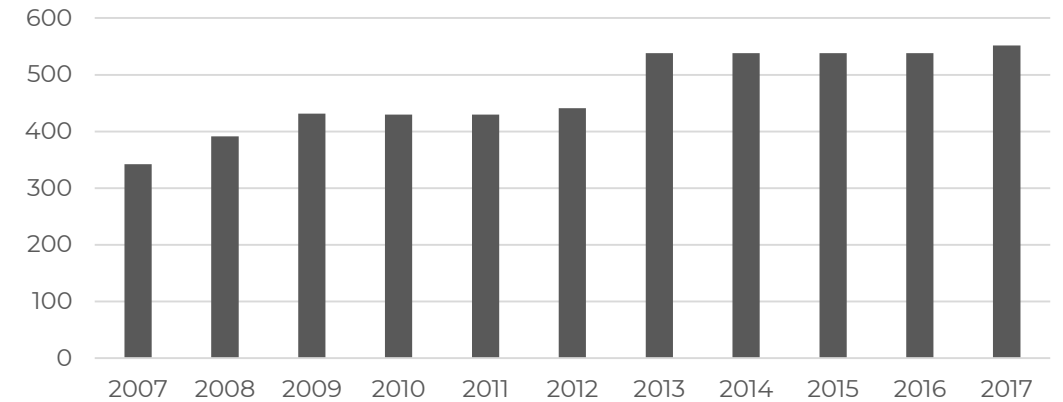
Djibouti and Sudan annual container throughput ('000) TEU

DEMAND

Djibouti total



Sudan



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- Compound annual growth rate: 12.84%
- Djibouti regional potential

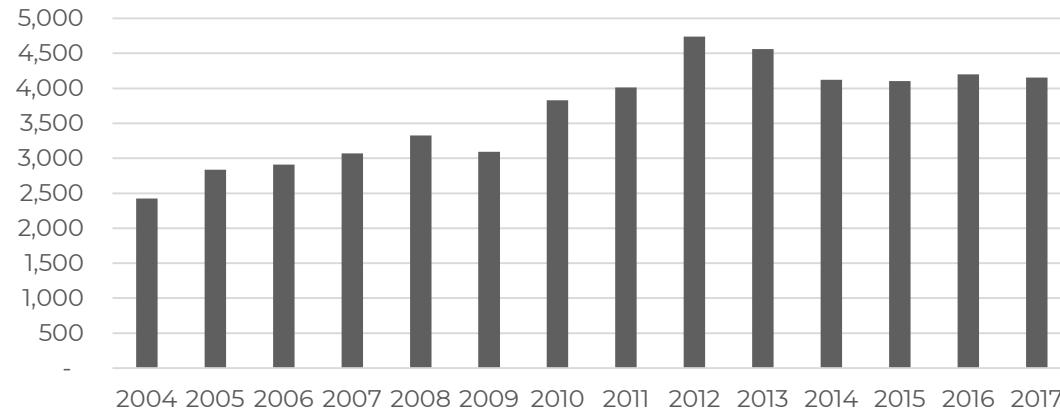
- Compound annual growth rate: 4.90%
- Sudan rise

RED SEA CONTAINER HISTORICAL

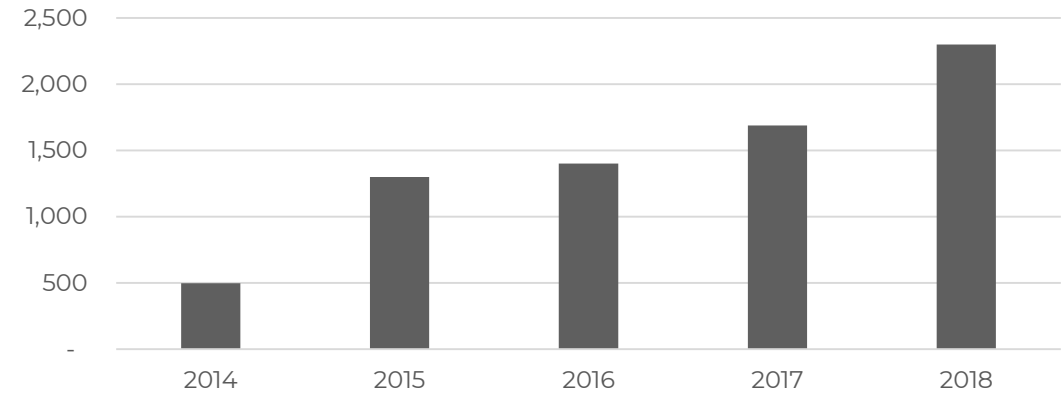
Kingdom of Saudi Arabia (KSA) Red Sea annual container throughput ('000) TEU

DEMAND

Jeddah Islamic Port – KSA



King Abdulla Port – KSA



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- Compound annual growth rate: 4.22%

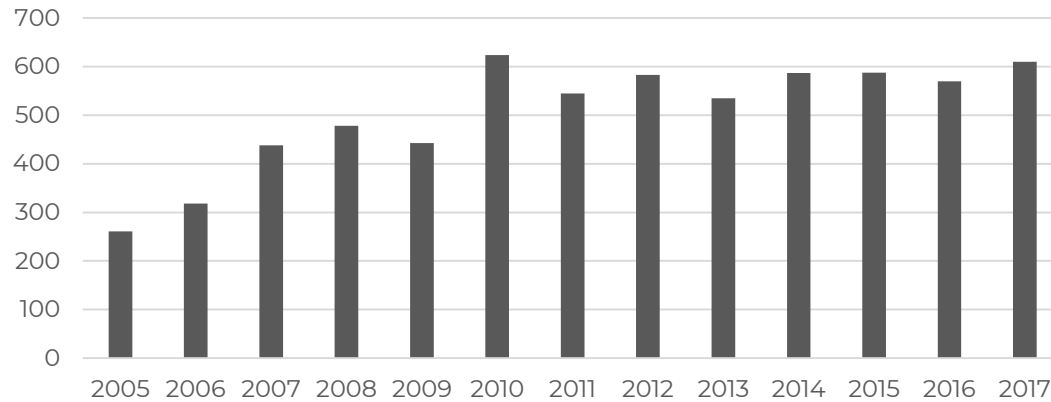
- Compound annual growth rate: 46.70%
- Strong growth of King Abdulla Port (KAP) built in 2013

RED SEA CONTAINER HISTORICAL

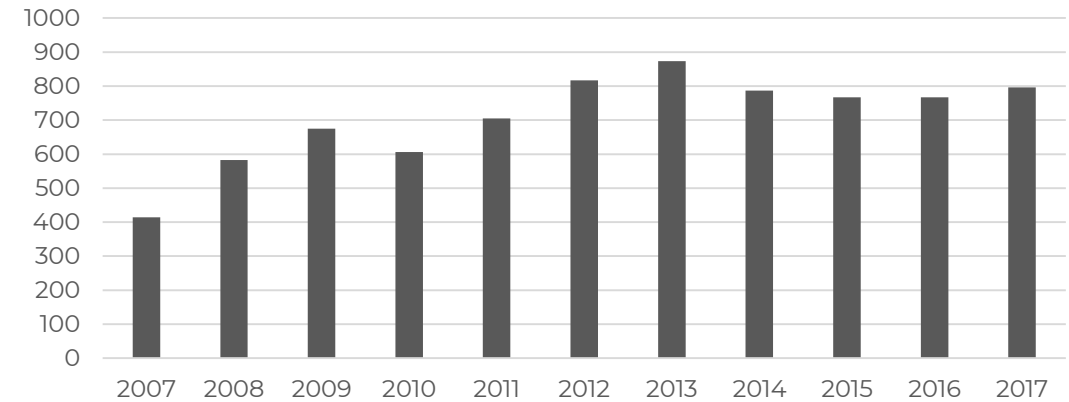
Egypt, Red Sea and Jordan annual container throughput ('000) TEU

DEMAND

Sokhna - Egypt



Aqaba - Jordan



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- Compound annual growth rate: 7.33%
- Further expansion plans aim to drive annual throughput

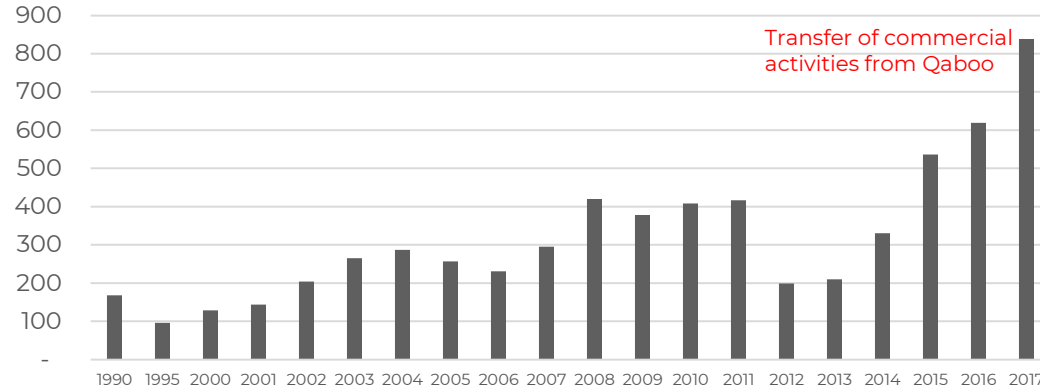
- Compound annual growth rate: 6.76%
- Only sea access of Jordan through Gulf of Aqaba

RED SEA CONTAINER HISTORICAL

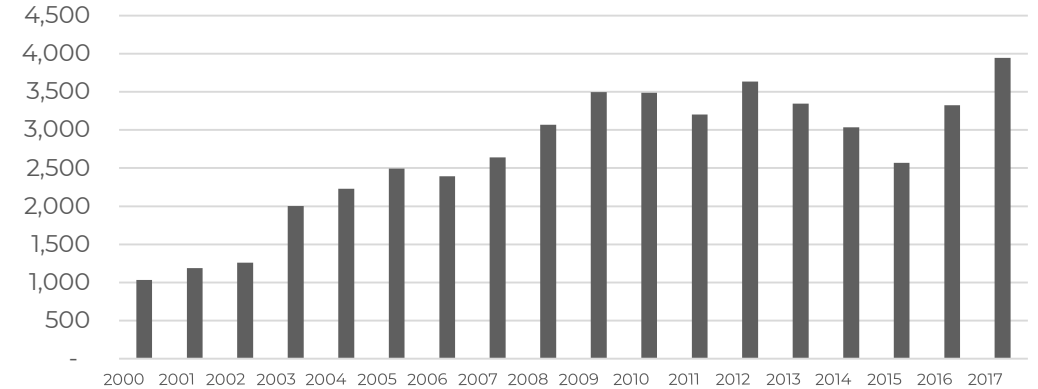
Oman and Yemen total annual container throughput ('000) TEU

DEMAND

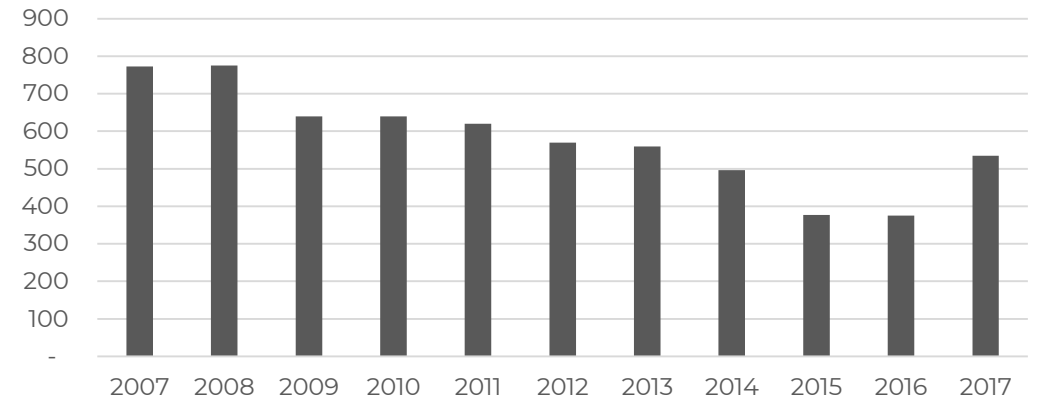
Sohar – Oman
Volumes transitioned from Qaboo (Muscat) *volumes combined



Salalah – Oman



Yemen








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- Sohar compound annual growth rate: 6.14%
- The development of Sohar has encouraged larger ships making direct calls.
- Salalah Compound annual growth rate: 4.11%
- Yemen Compound annual growth rate: -3.61%
- Yemen war political climate has reduced demand for international business

Source: Port Authorities, Shipping reports, WSP estimates used if gap in data (based on World Bank figures)

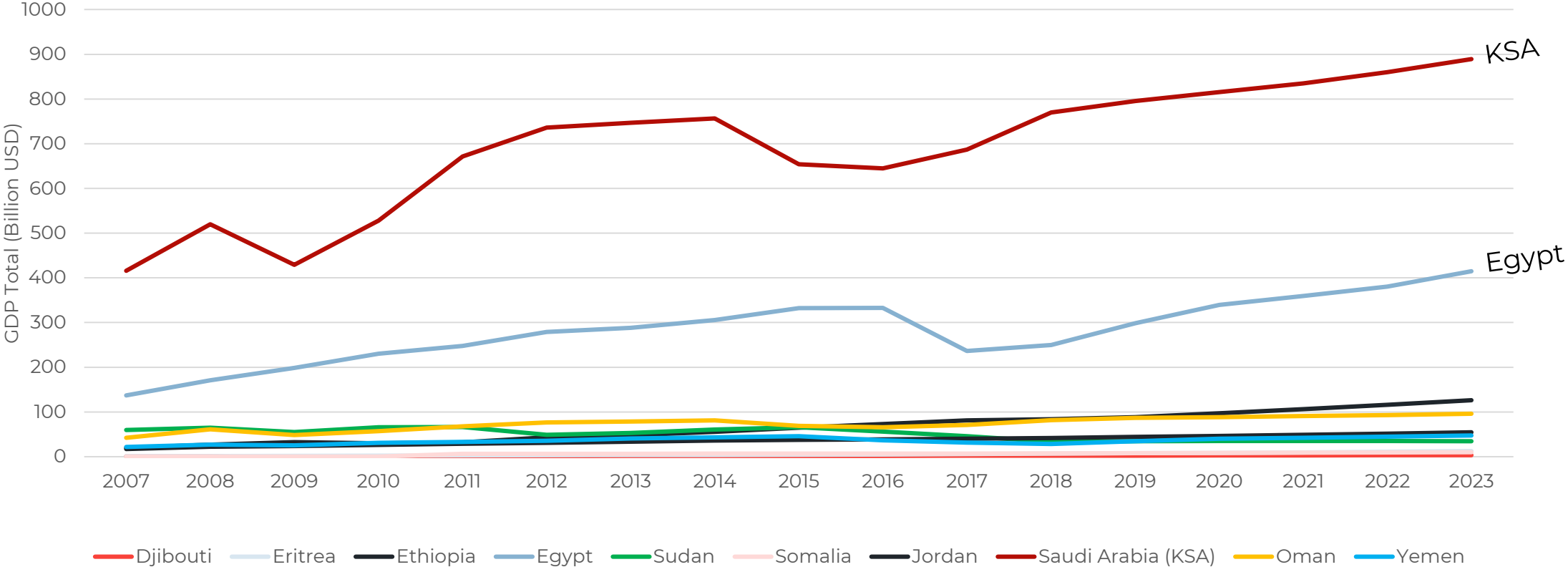
GLOBAL MARKET OUTLOOK

		Overall investment activity	Regions	Commodities	Issues
	Independent global port operators	high	<u>interest in emerging markets & inland distribution</u>	diversified interest	no secured cargo / riskier attracting financing under competitive conditions global brand difficult for non-containers
	Strategic terminal operators/investors (possibly linked to shipping line)	high	<u>around main trade routes & inland distribution</u>	mainly containers	<u>question marks on link to liners</u> <u>some liners have cash constraint and divestments needed</u> <u>vertical integration</u>
	Financial investors / infrastructure funds	medium	<u>established markets</u>	containers, oil and portfolios	<u>limited industry knowledge and risk averse</u>
	Mixed consortia	medium	<u>established markets</u>	mainly containers, oil and portfolios	good mix of expertise but difficult to align
	New entrants: contractors	low	<u>often emerging markets</u>	diversified interest	building up experience

GDP OUTLOOK

Growth Outlook per country

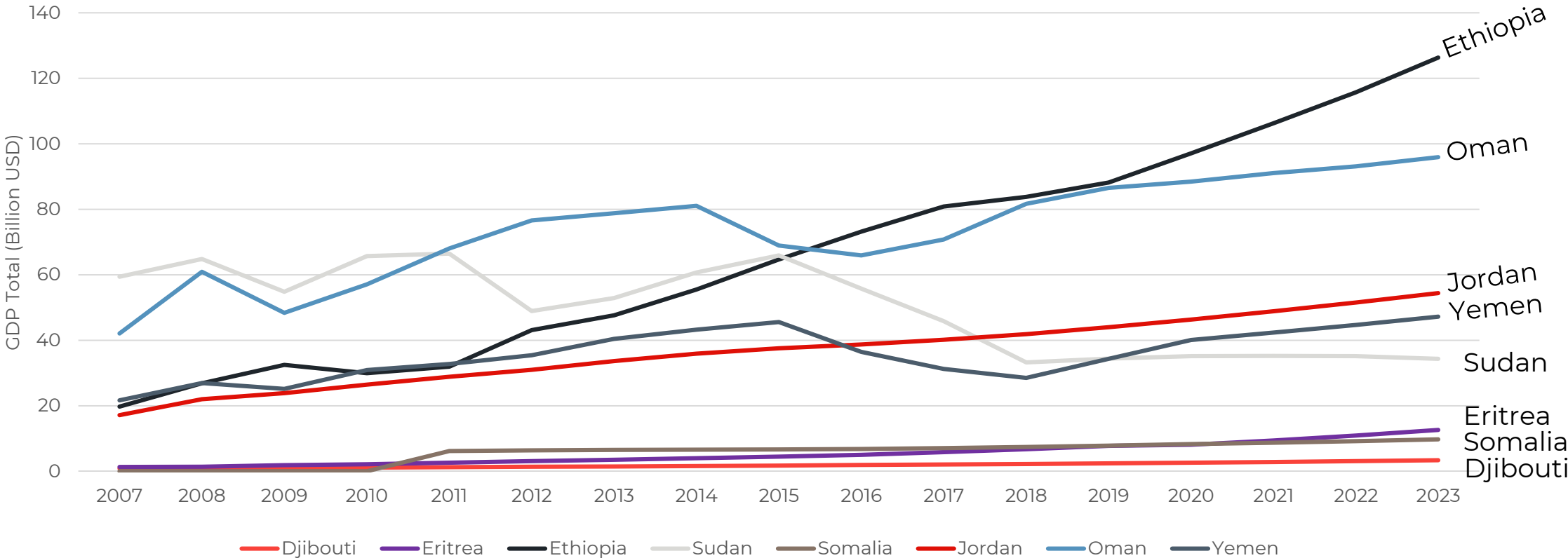
- Total GDP suffered difficulties around 2014 – 2016 (linked to global oil price drop)
- Forecasted to increase in short – medium term



GDP OUTLOOK

Growth Outlook per country – Excluding KSA and Egypt

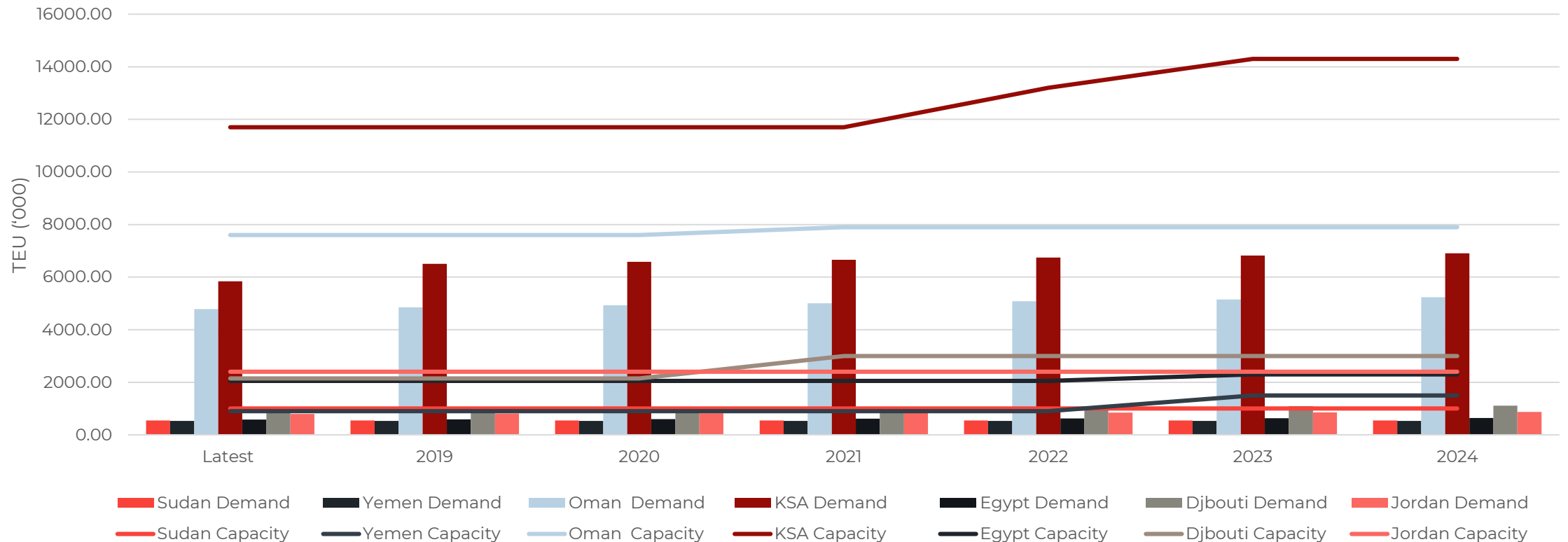
- Ethiopia’s GDP forecasted for very positive growth
- Ethiopia reliance on Red Sea port nations will likely increase GDP of neighbouring port-accessible nations



RED SEA MARKET VOLUME OUTLOOK

Capacity and Demand Red Sea region

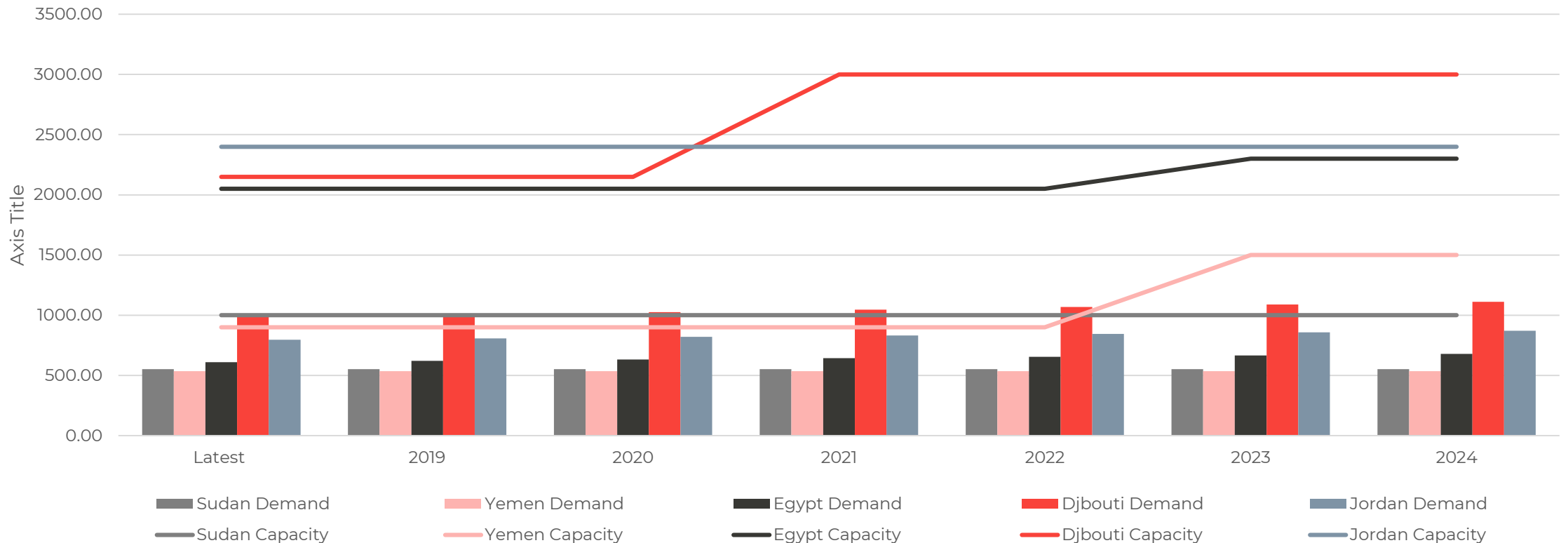
- Almost all major ports in the region are planning major capacity upgrades
- Major overcapacity expected if all projects are realised
- Growth is calculated using WSP industry insights
- Port development timelines are estimates , supply increases are allocated conservatively



RED SEA MARKET VOLUME OUTLOOK

Capacity and Demand Red Sea region – Excluding KSA and Egypt

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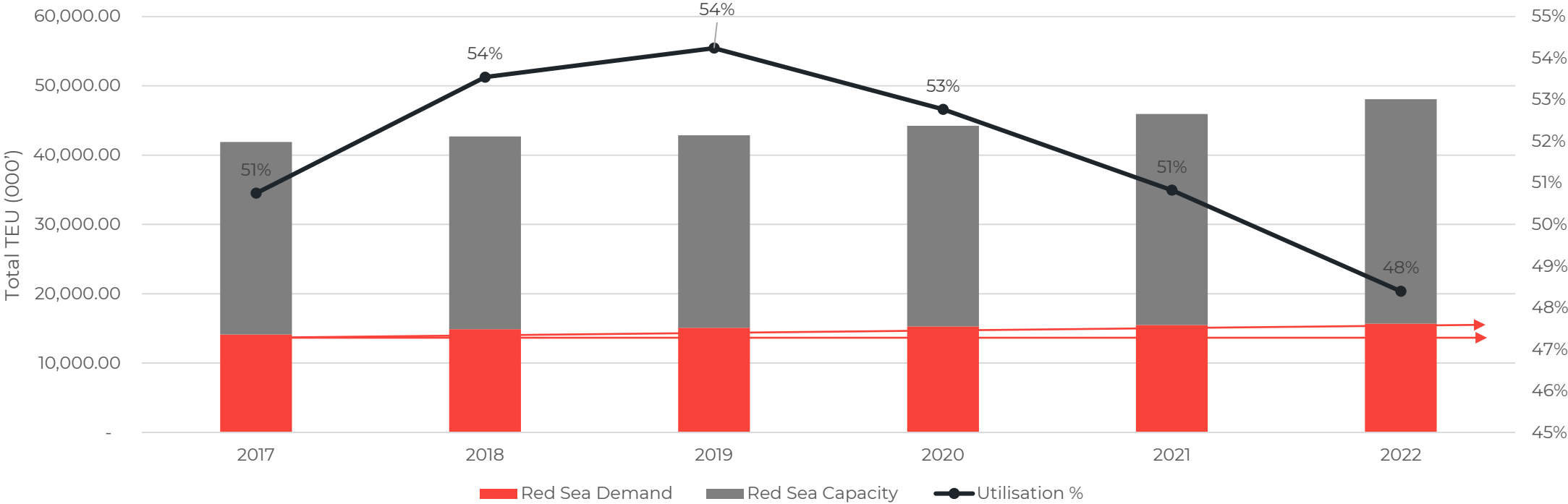


CONSOLIDATED MARKET OUTLOOK

Demand and Supply of region*

- Almost all major ports in the region are planning capacity increases
- Capacity increases going above demand expectations (GDP linked) - if all projects are realised
- Forecast of demand lags capacity ambition

Red Sea Supply and Demand in Red Sea with Utilisation



Thank You!



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