

**Multi-year Expert Meeting on Transport, Trade
Logistics and Trade Facilitation
11th Session**

Maritime Transport in Times of Polycrisis

23-24 October 2024, Geneva

Suez Canal and Red Sea Disruption

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Suez Canal Authority

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**Multi-Year Expert Meeting on Transport, Trade
Logistics and Trade Facilitation, eleventh session**



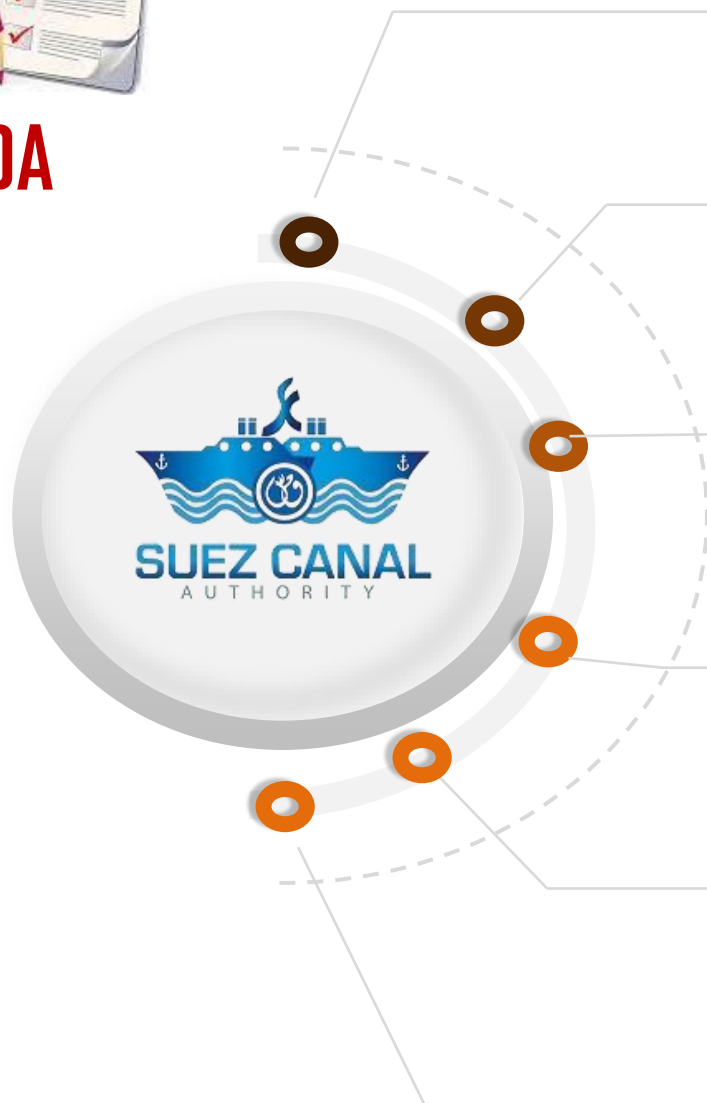
Suez Canal and Red Sea Disruption



Oct . 2024



AGENDA



1 Importance of Suez Canal

2 Suez Canal Development Projects

3 Suez Canal Traffic Statistics & World Trade

4 Impact of Red Sea Disruption on the shipping market

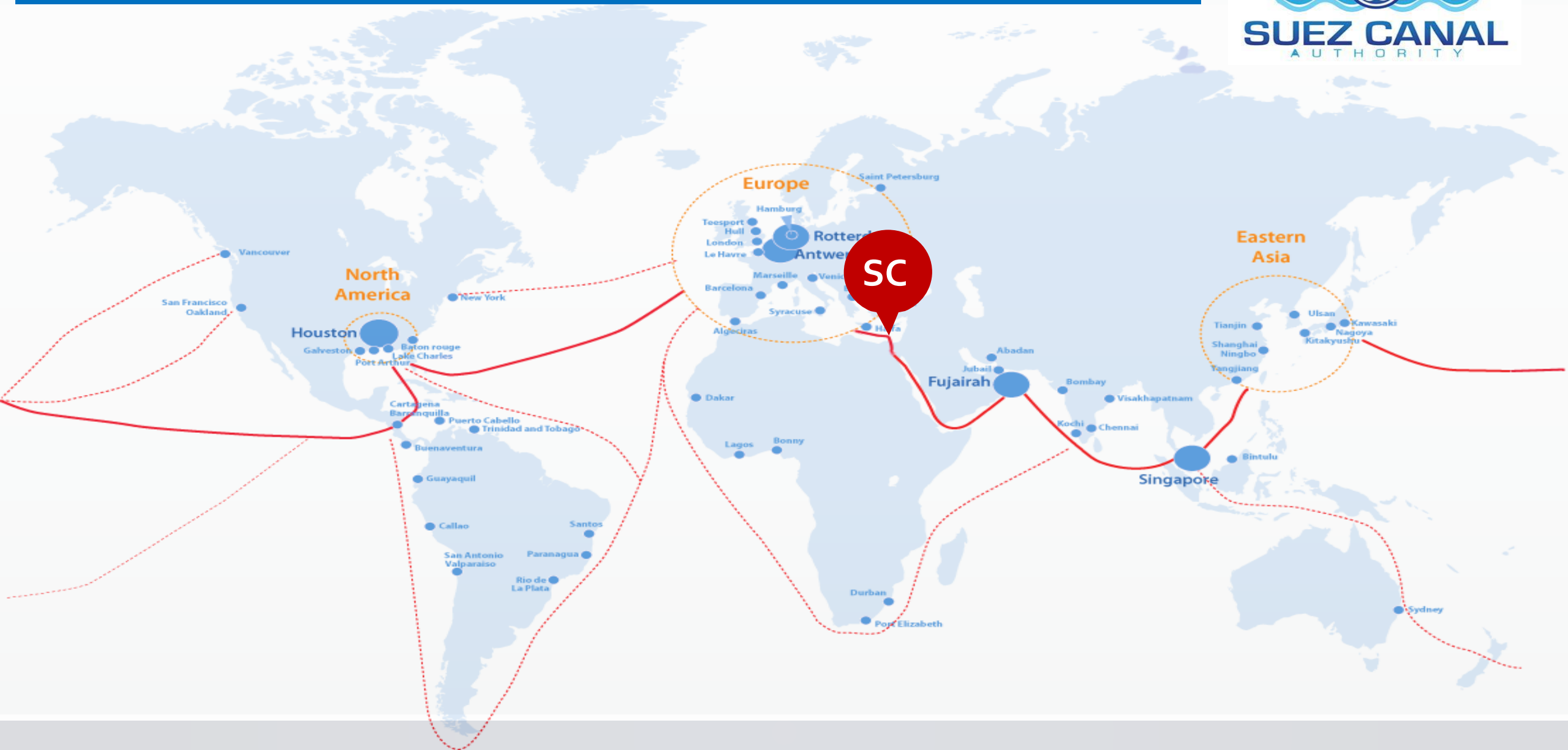
5 Impact of Red Sea Disruption on the Suez Canal

6 The Suez Canal Authority Procedures



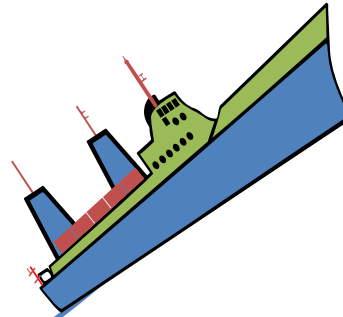
Why Suez Canal?

The Suez Canal Strategic Location



Importance & Advantages of the Suez Canal

2023



100%

Maritime container trade
between Asia and Europe.

12%

World seaborne trade

13%

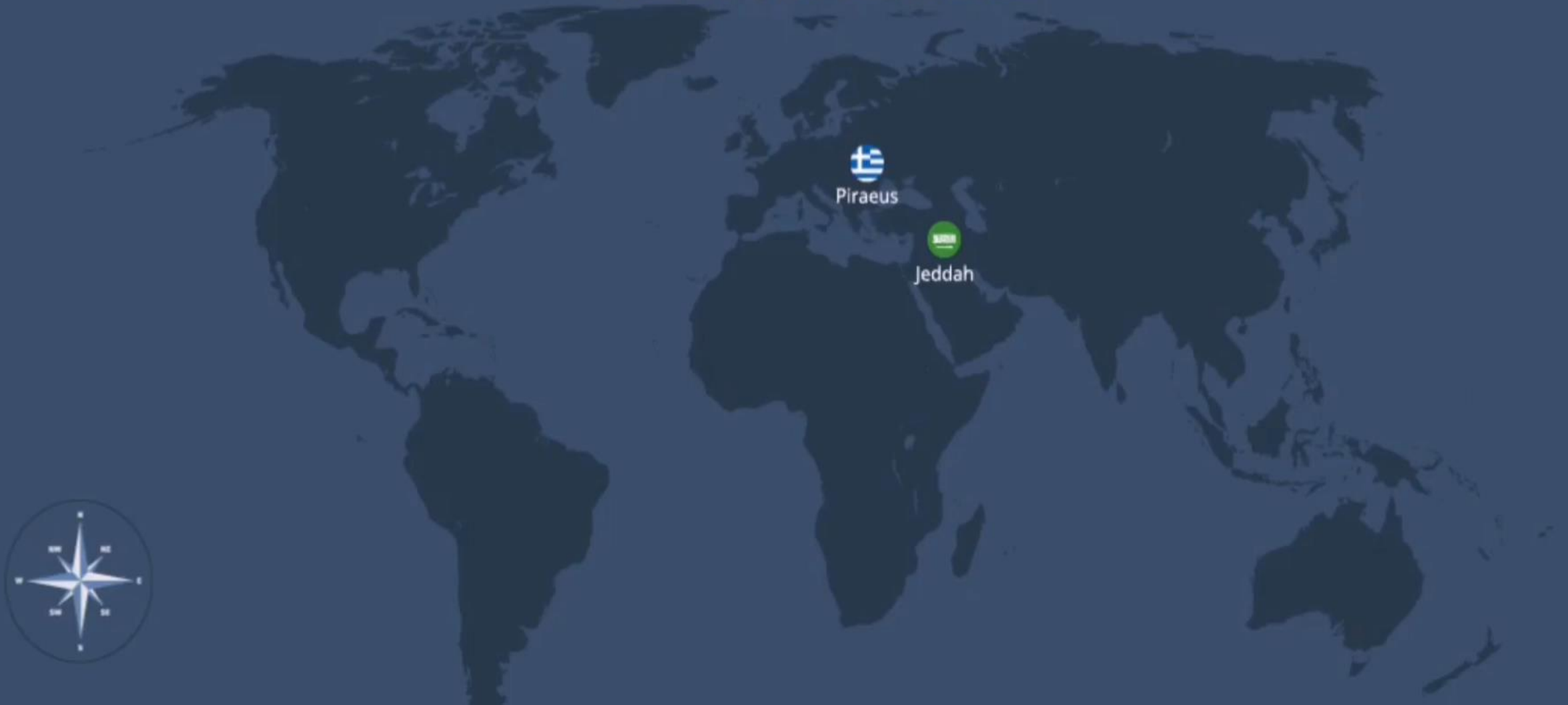
World Grain trade

**More than One billion ton
annually (food – medicine – fuel –
humane necessities everywhere)**

THE SHORTEST ROUTE BETWEEN THE EAST AND THE WEST



SAVING IN DISTANCE



MAXIMIZE SAVINGS

01



Time

02



Fuel

03



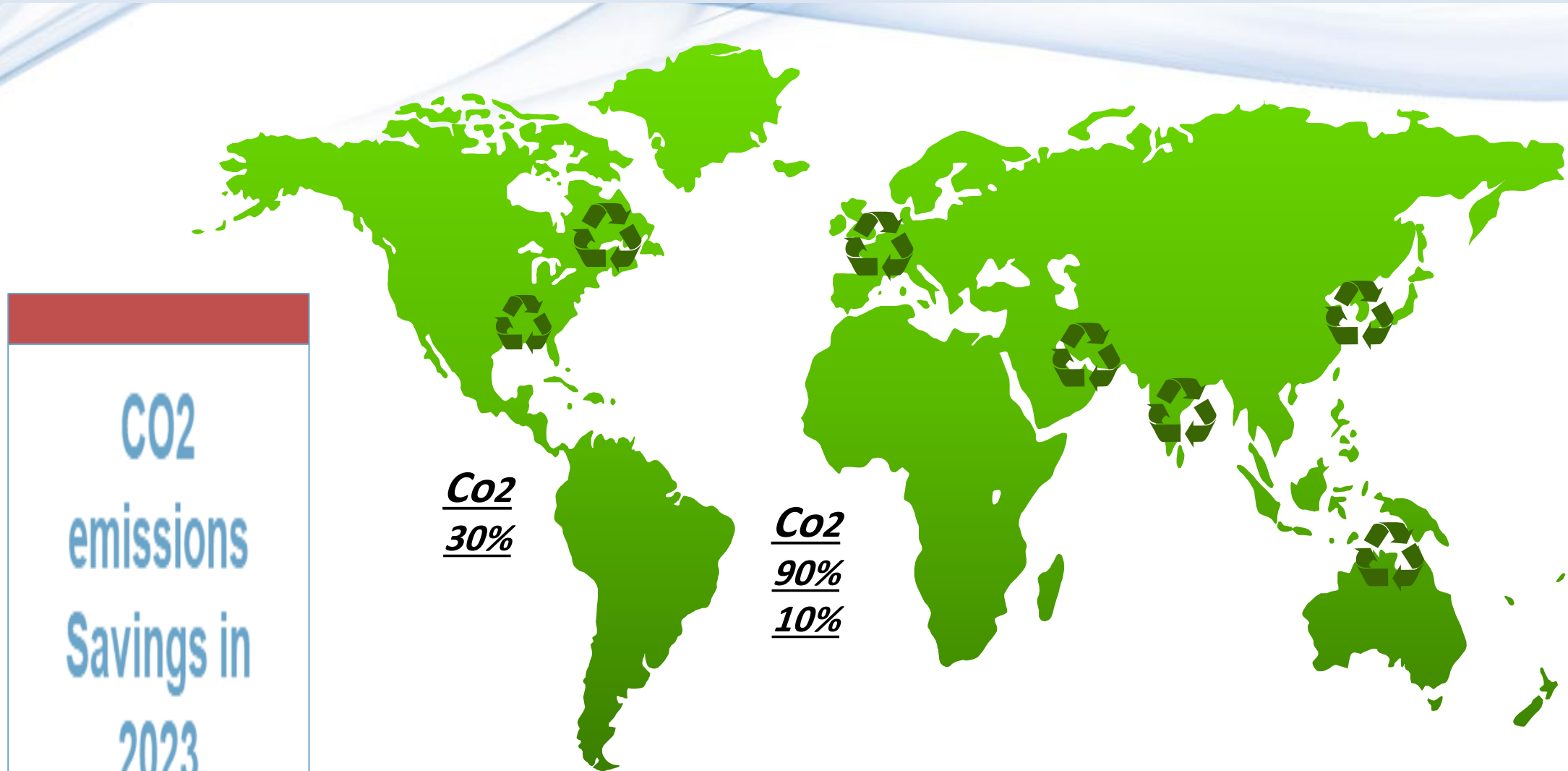
Cost

04



Environment

Suez canal: the best green route for the world











Suez Canal has contributed to decreasing the CO2 emissions by about 55.4 million tons in 2023 when compared to the alternative routes, saving fuel consumption by about 16.9 million tons.



2

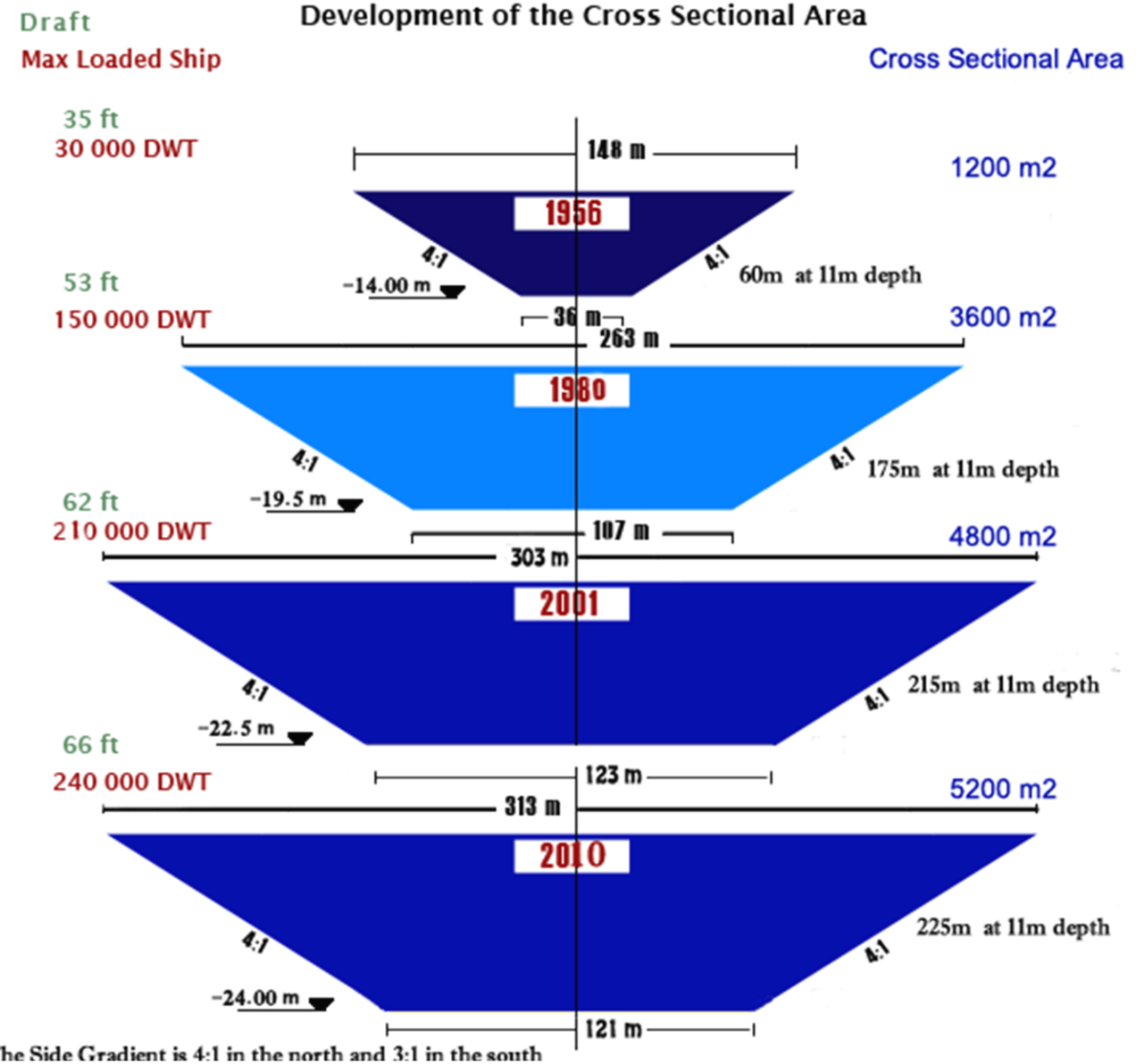
Suez Canal Development Projects

Development of Containership Size

		TEU tdw	LOA m	Breath m	Draught m
EVER ACE 2021		23,992 TEU 241,960	399.9	61.5	16.5
HMM Algeciras 2020		23,964 TEU 232,606	399.9	61.0	16.52
MSC GULSUN 2019		23,750 TEU 228,000	400	61.5	16.5
MAERSK MC-KINNEY MÖLLER 2013		18,340 TEU 194,150	399.9	59.0	16.0
EMMA MAERSK 2006		15,550 TEU 175,000	397	56.4	16.0
SOVEREIGN MAERSK 1997		8,200 TEU 105,000	347	42.8	14.5
MARCHEN MAERSK 1990		4,800 Teu 60,600	294	32.2	13.5
HAMBURG EXPRESS 1977		3,100 Teu 47,700	288	32.2	12.8

0 100 200 300 400 500 © Alphaliner
Length Overall (LOA) in meters

Development of Suez Canal Cross Sectional Area

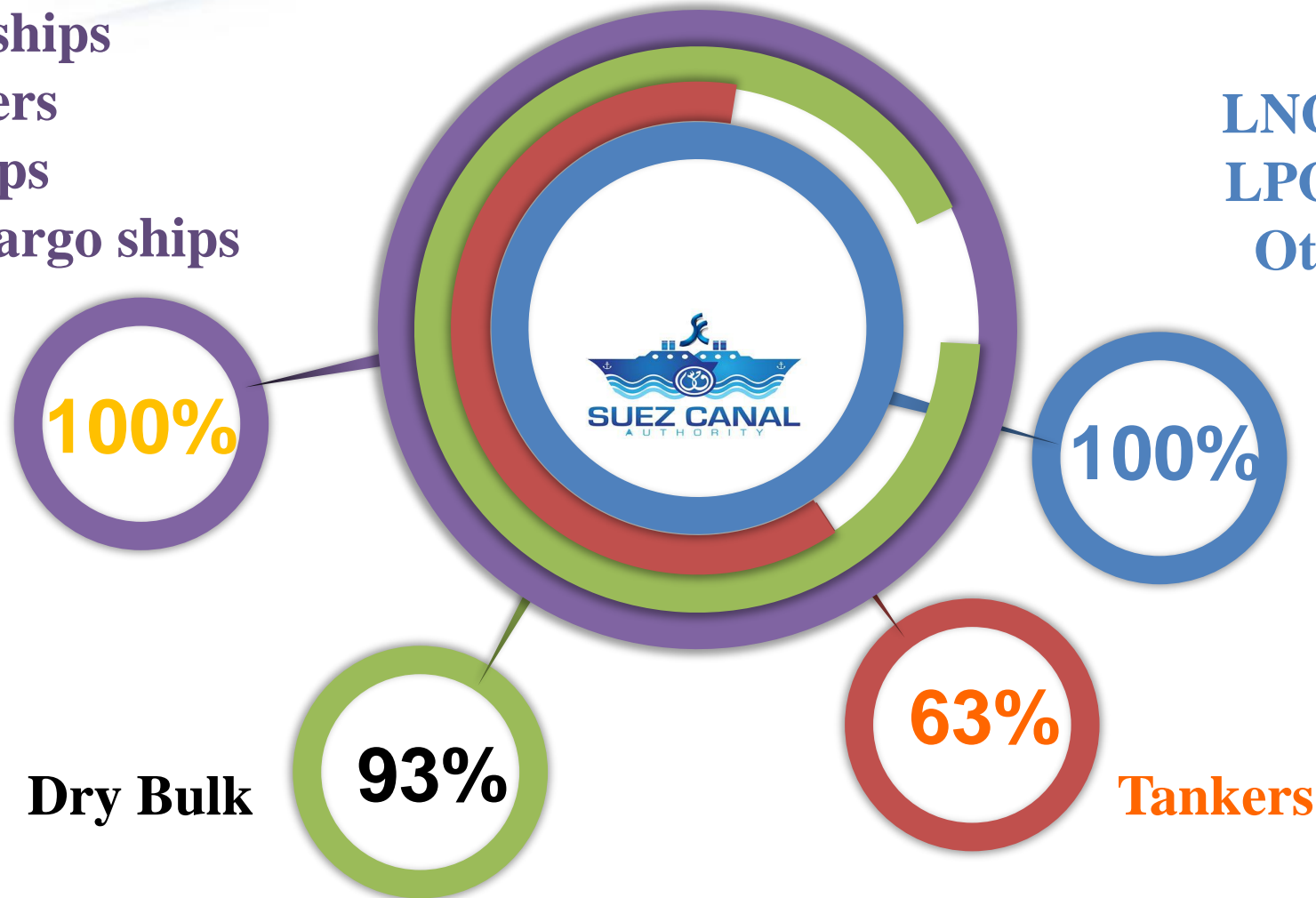


Suez Canal and Ship Size Capacity



Containerships
Car Carriers
RORO ships
General Cargo ships

LNG Carriers
LPG Carriers
Other ships



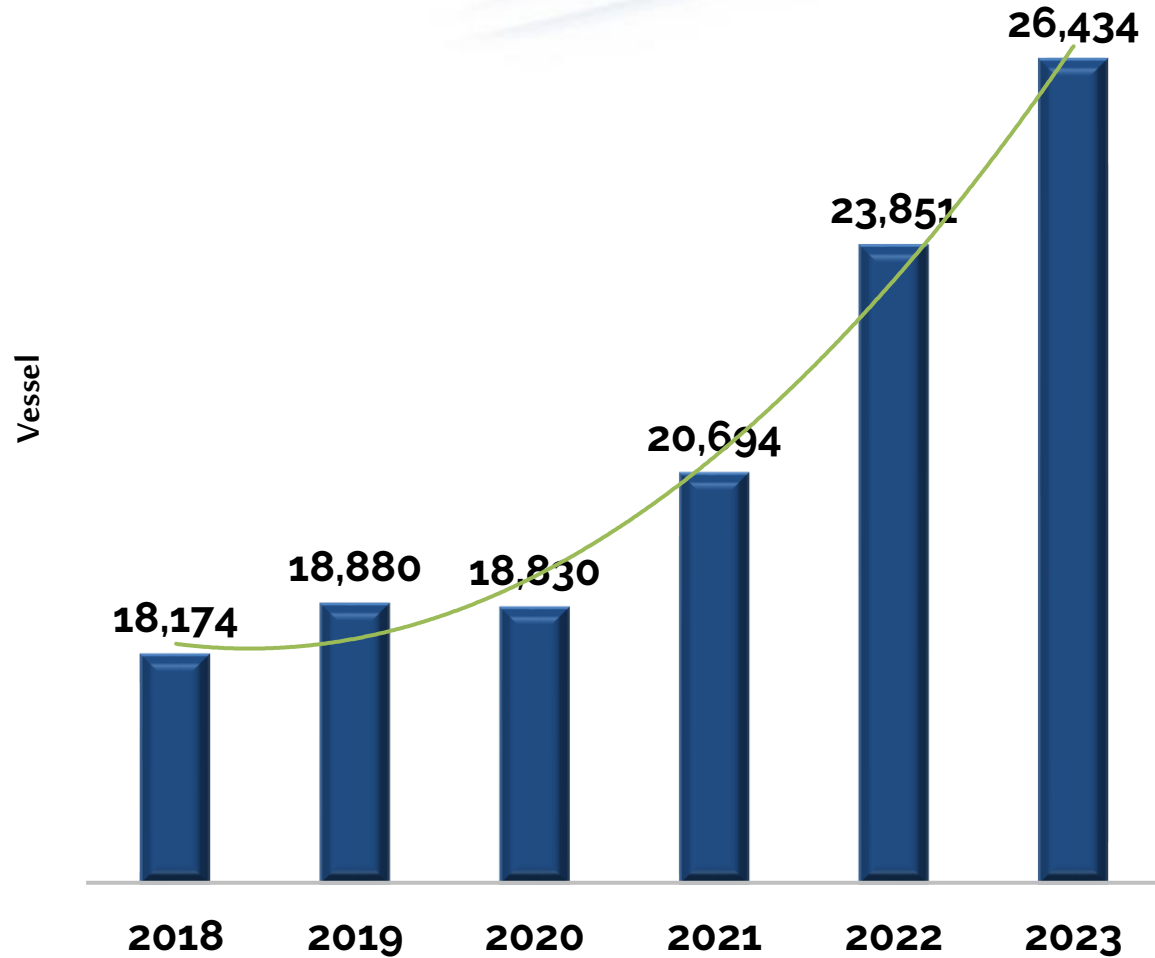
Source : Suez Canal Authority & Clarkson SIN



3

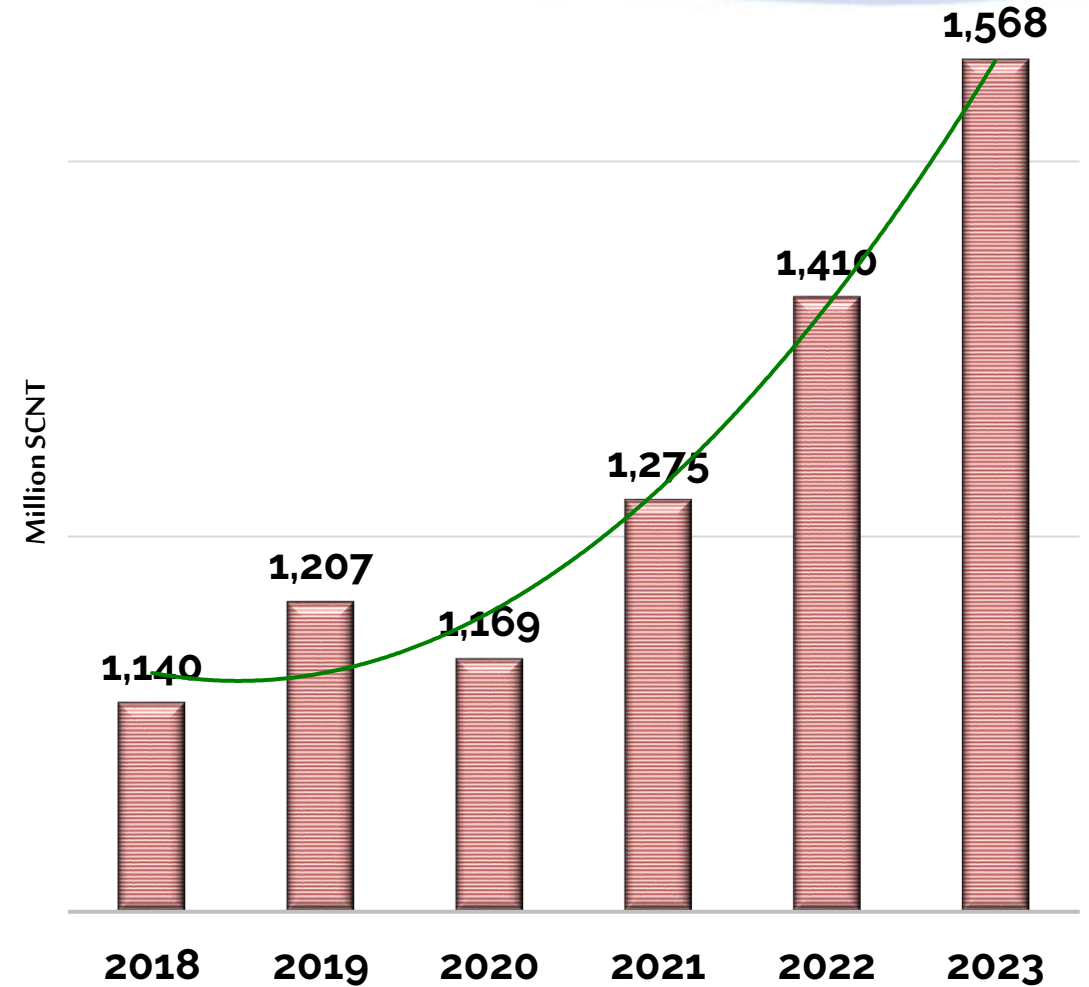
Suez Canal Traffic Statistics & World Trade

Number of Vessels



Source : Suez Canal Authority

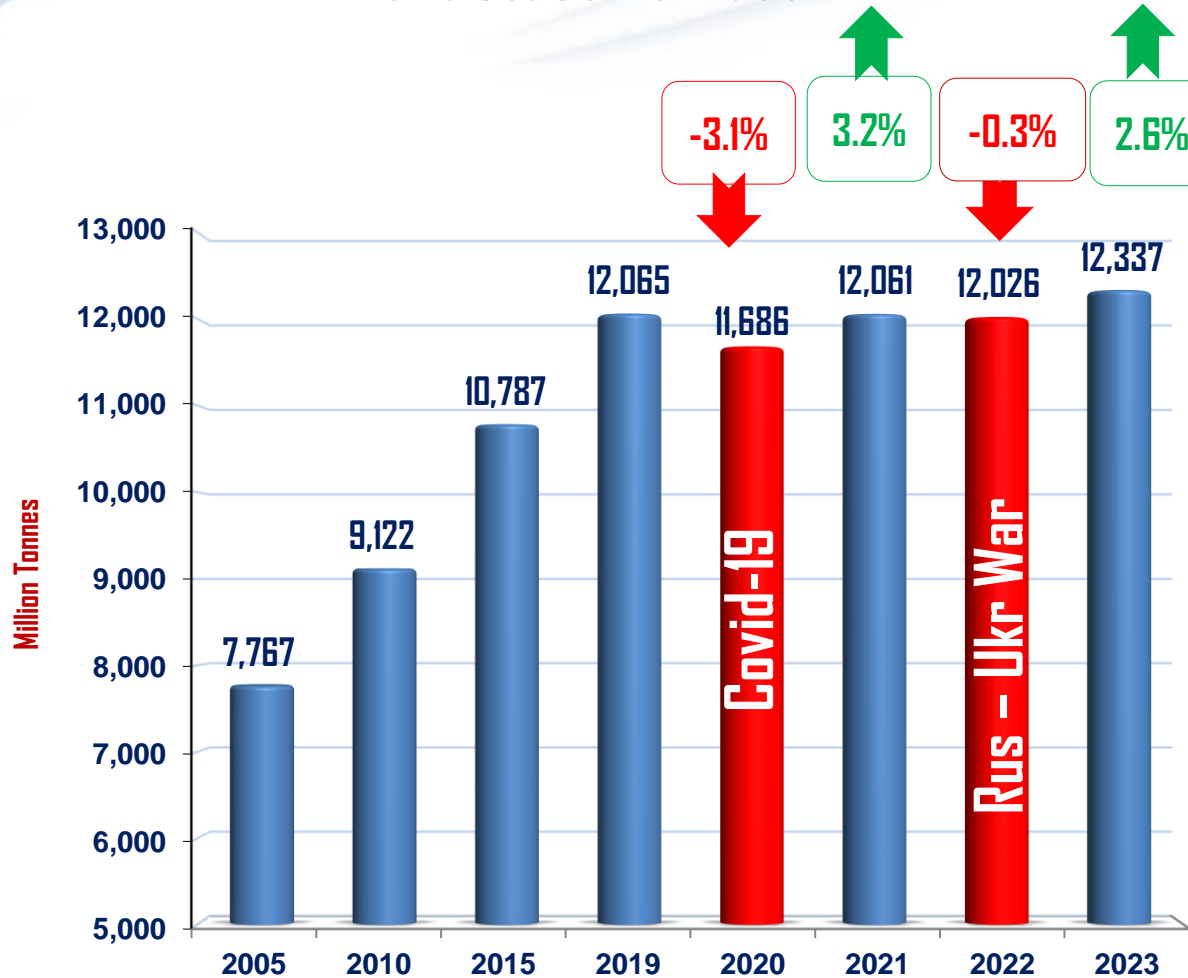
SC Net Tonnage



Source : Suez Canal Authority

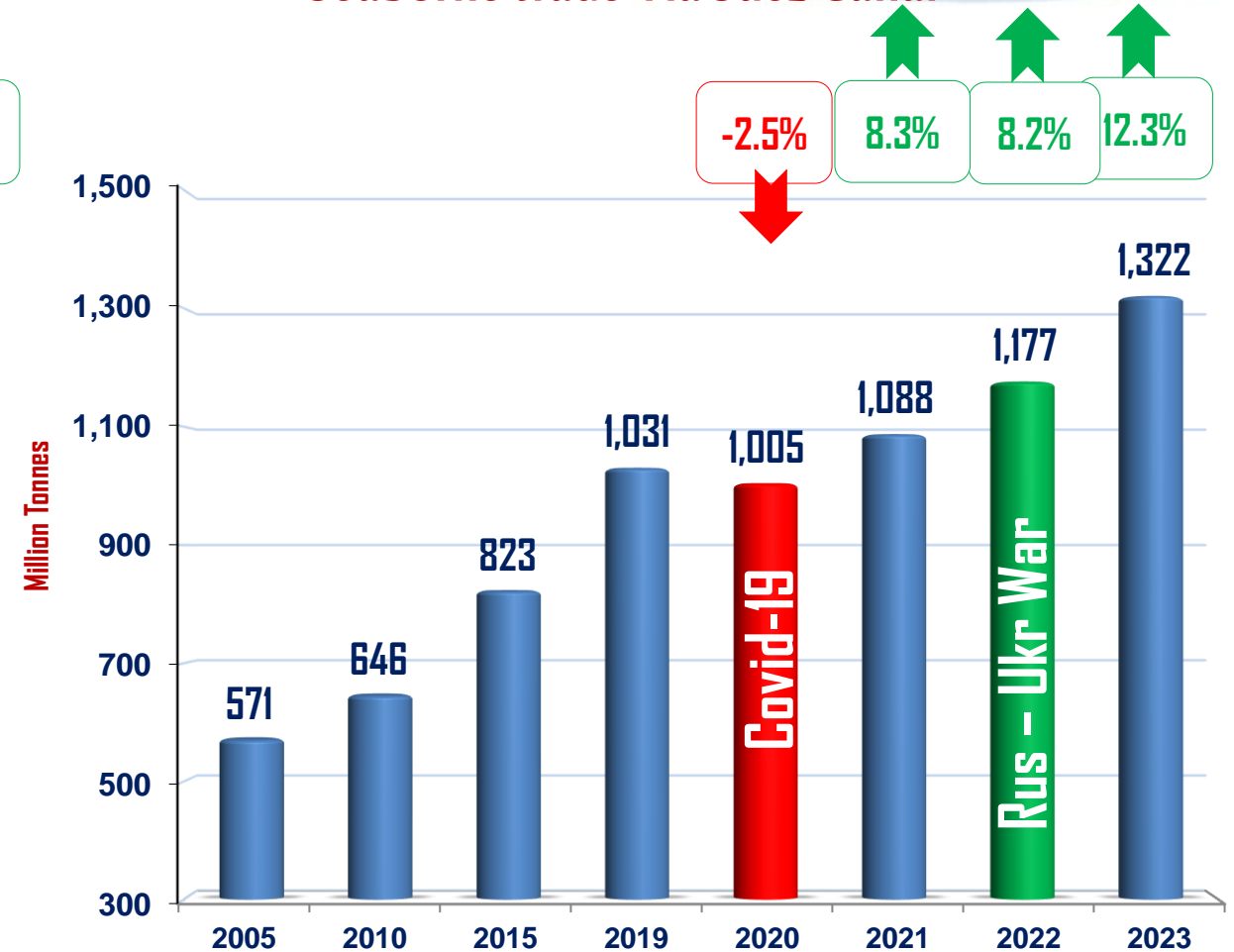
Development Of Seaborne Trade Globally And VIA Suez Canal

World Seaborne Trade



Source : World Trade Monitor – Clarksons Research

Seaborne trade Via Suez Canal



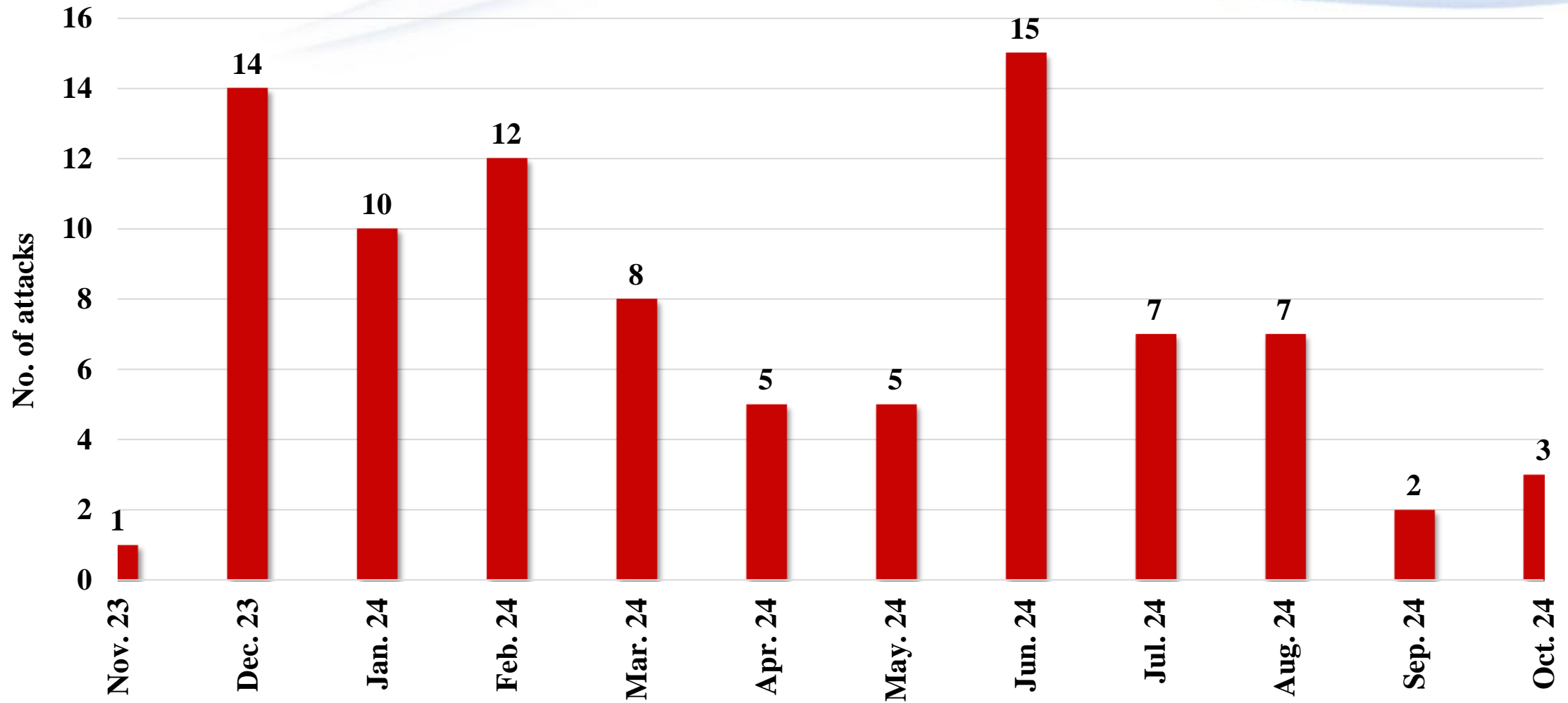
Source : Suez Canal Authority



4

Impact of Red Sea Disruption on the shipping market

The evolution of the number of ships attacked since the beginning of the security threats crisis in the Red Sea from 19 November, 2023 to 21 October, 2024



Source: Lloyds list

Increased sailing duration and High insurance premium

Increased sailing duration

Increased the sailing duration between (Far East – N.W.Europe) via the Cape of Good Hope route by 10 days to two weeks, depending on the ship's speed

High insurance premiums

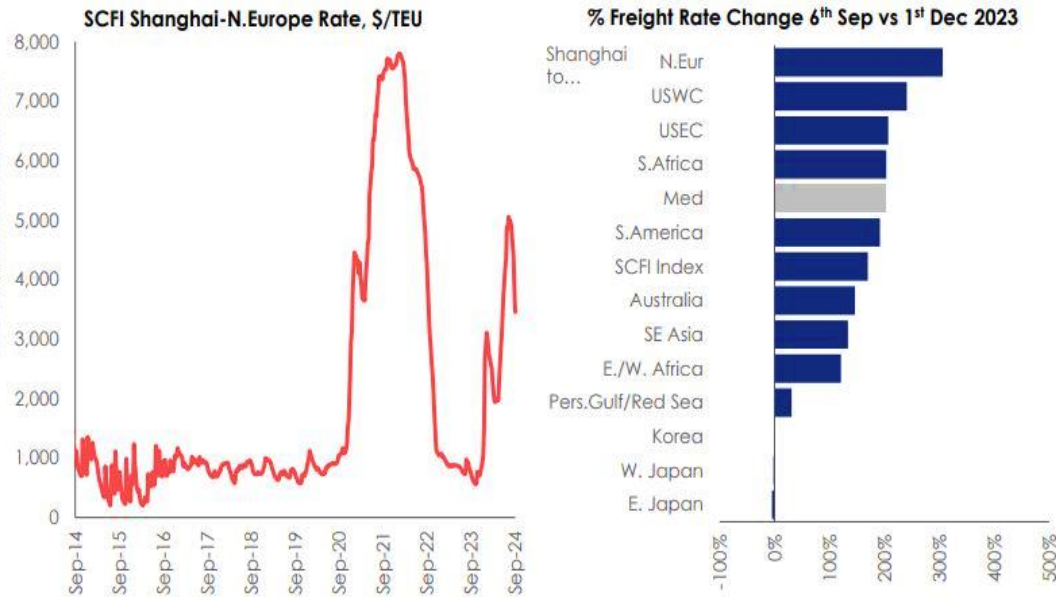
Insurance premiums for ships passing through Bab al-Mandab have increased to between 0.5% and 0.7% of the ship's value, compared to about 0.07% in December 2023.

Increased Shipping costs, Commodity prices and GHG Emissions

Container Freight Rates

SCFI Shanghai-N.Europe rates stood at c.6x start Dec-23 (highest since Aug-22) in July but have eased since

Freight rates still very elevated across major routes, especially the mainlanes

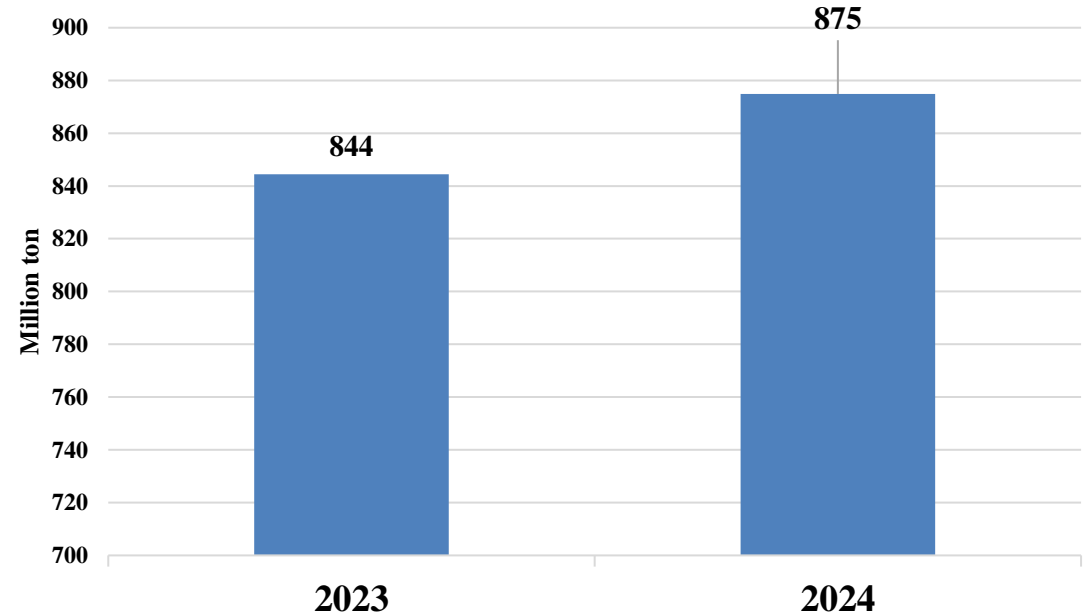


Source: Clarkson Research

In September 2024, container freight rate on the trade route between the Far East and Northwest Europe increased by 276%, while the average freight rate on the route between the Far East and the Mediterranean increased by 167%, These routes are connected to the Suez Canal.

Shipping Fleet Emissions

World Shipping Fleet GHG Emissions, Tank-to-Wake (TTW), CO2 Equivalent



Source: Clarkson Research

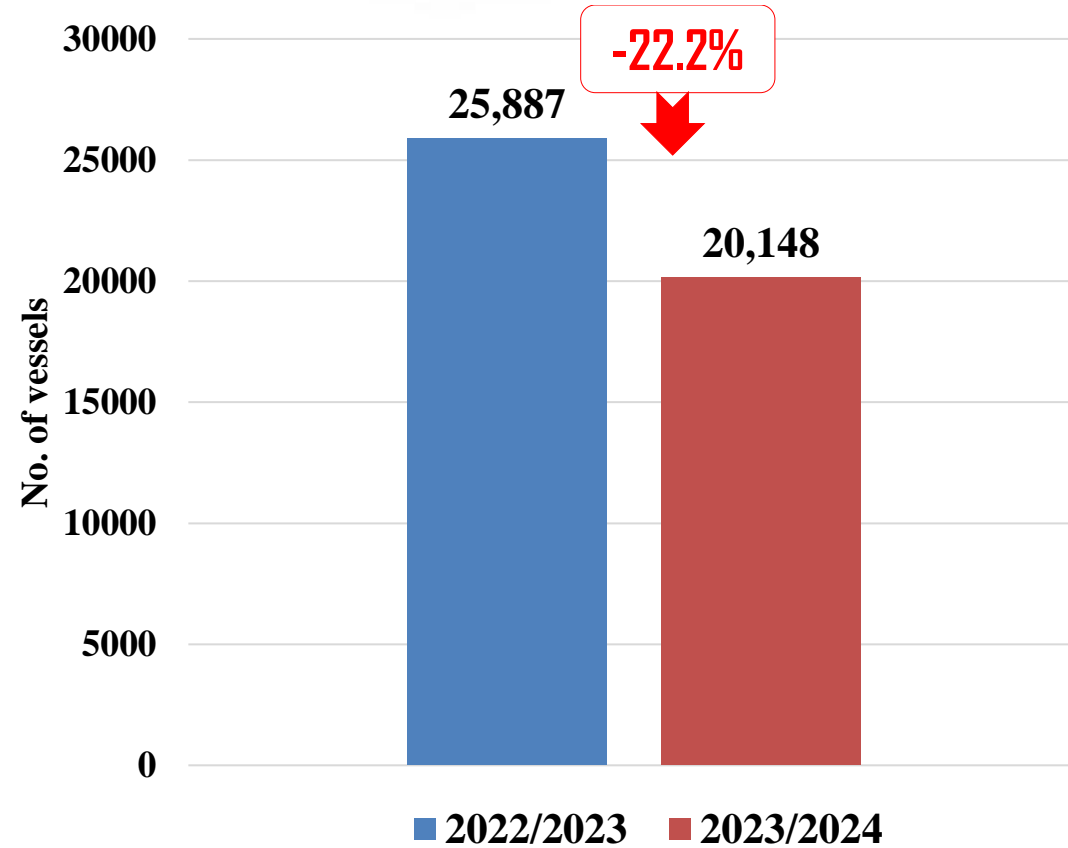
According to UNCTAD , the longer distances caused by rerouting from the Suez Canal to the Cape of Good Hope imply a 70% increase in Greenhouse Gas Emissions for a round trip from Singapore to Northern Europe, as well as a 40% increase in average fuel costs.



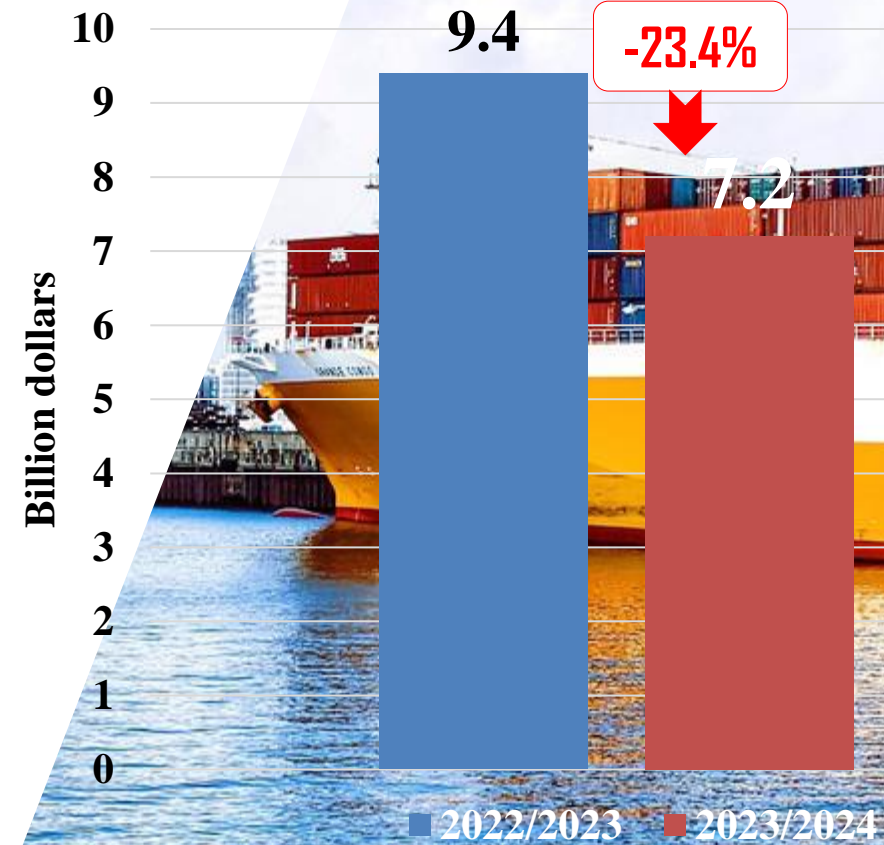
5 Impact of Red Sea Disruption on Suez Canal

Crisis Impact Indicators During Fiscal Year (2023/2024) vs (2022/2023)

No. of vessels transited via Suez Canal

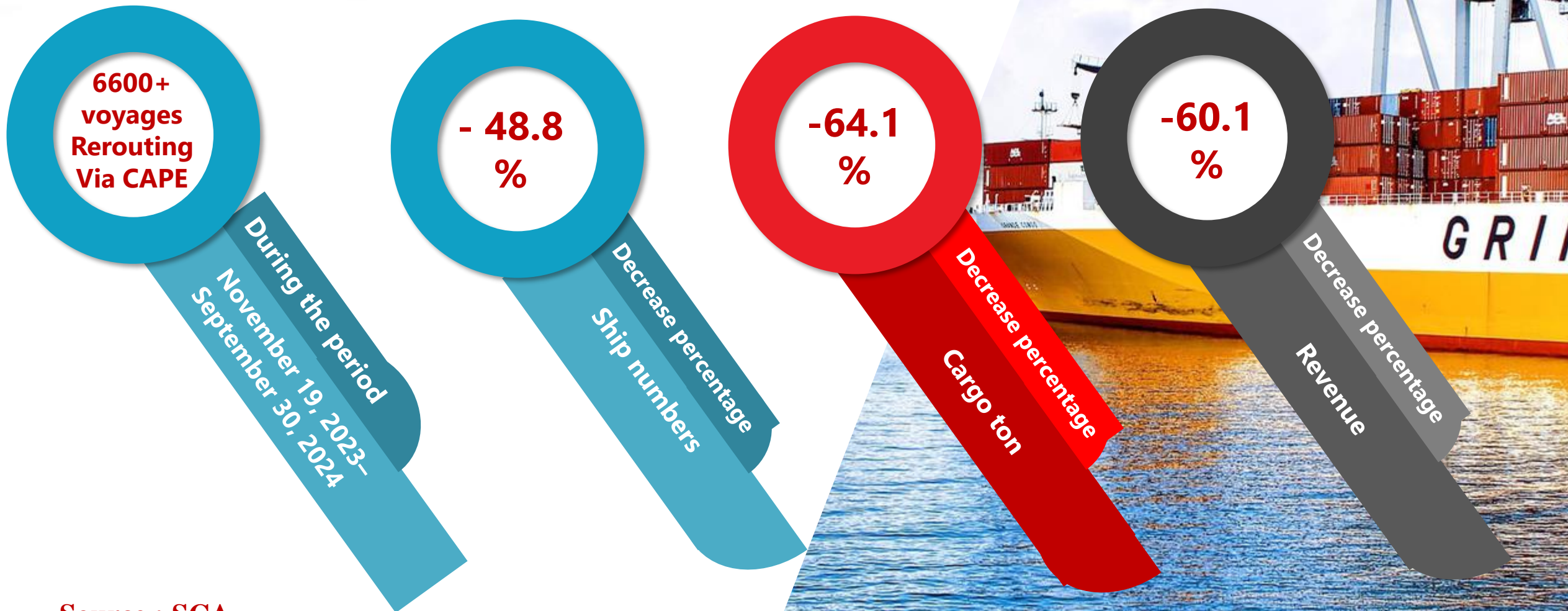


SCA Revenues



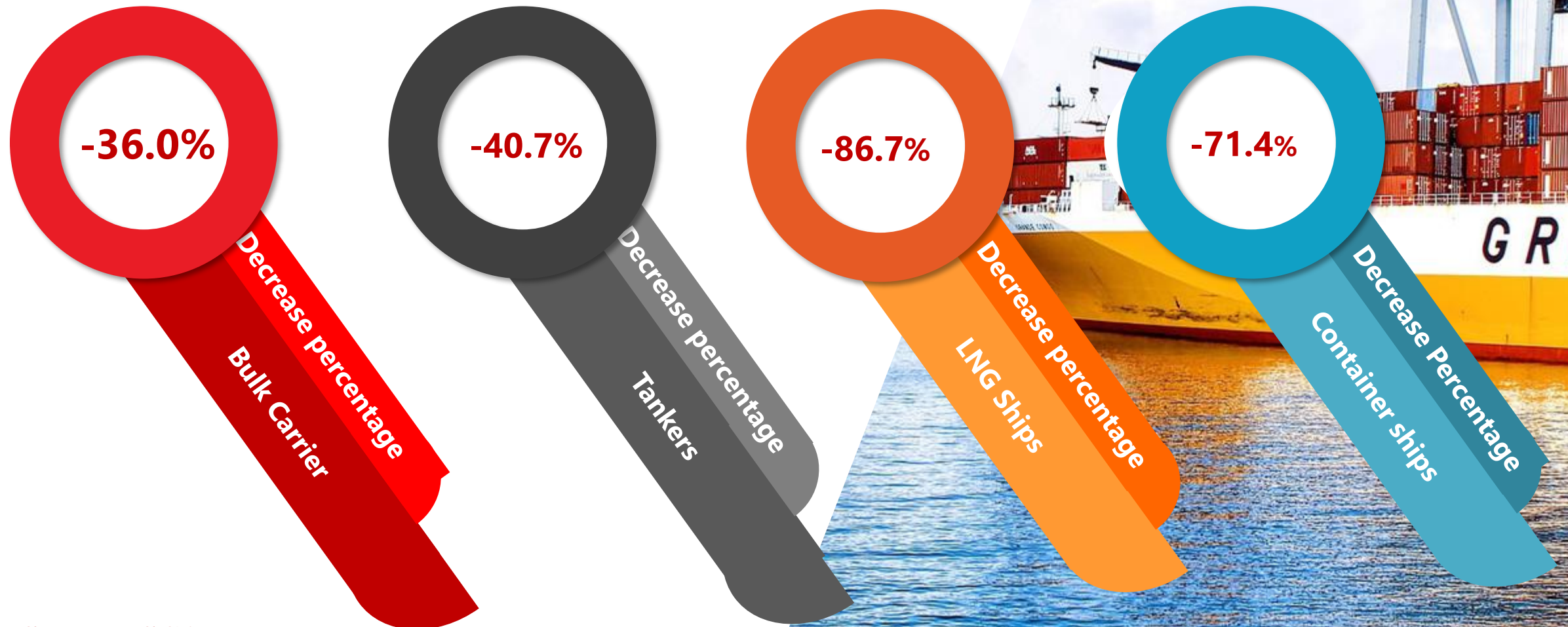
Source : SCA

Crisis Impact Indicators During the Period (January - September) 2024



Source : SCA

Crisis impact indicators during the period (January - September) 2024 for major vessel types



Source : SCA



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The Suez Canal Authority Procedures

Communicating with SCA Customers



Continuing the flexible pricing policies of the Suez Canal Authority

01



SCA Tolls (by vessel type – size – load condition)

02



Fixed Rebate System (Navigation Circulars)

03



Long Haul Rebate System (Case by Case)

04



Cargo Incentives (LNG Ships)

Ship repair and maintenance services at SCA's Shipyards



SCA providing value added services

1

- Ship Bunkering

2

- Crew Change Services

3

- New Yachts Marinas

4

- Integrated Solid and Liquid waste management services

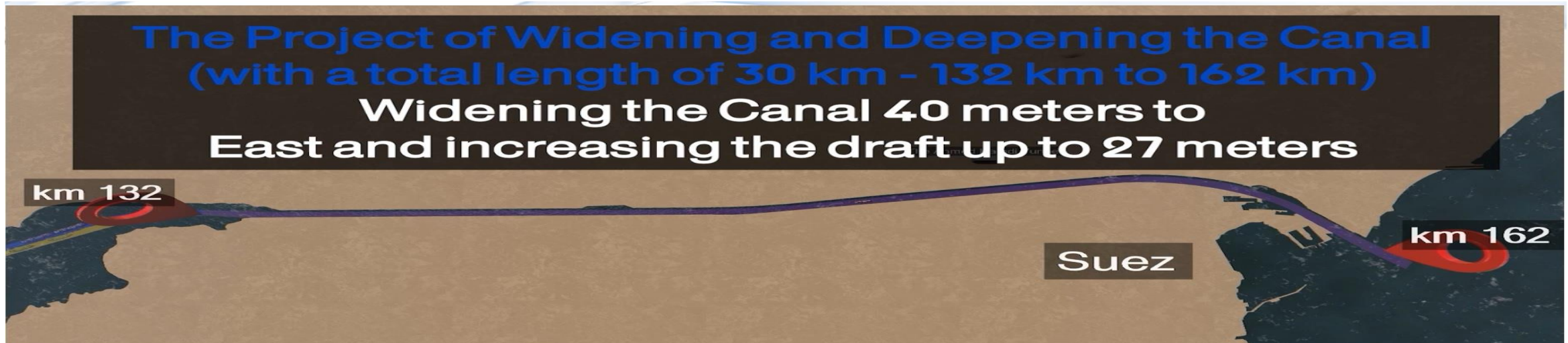


Continuing the Expansion Project of the Southern

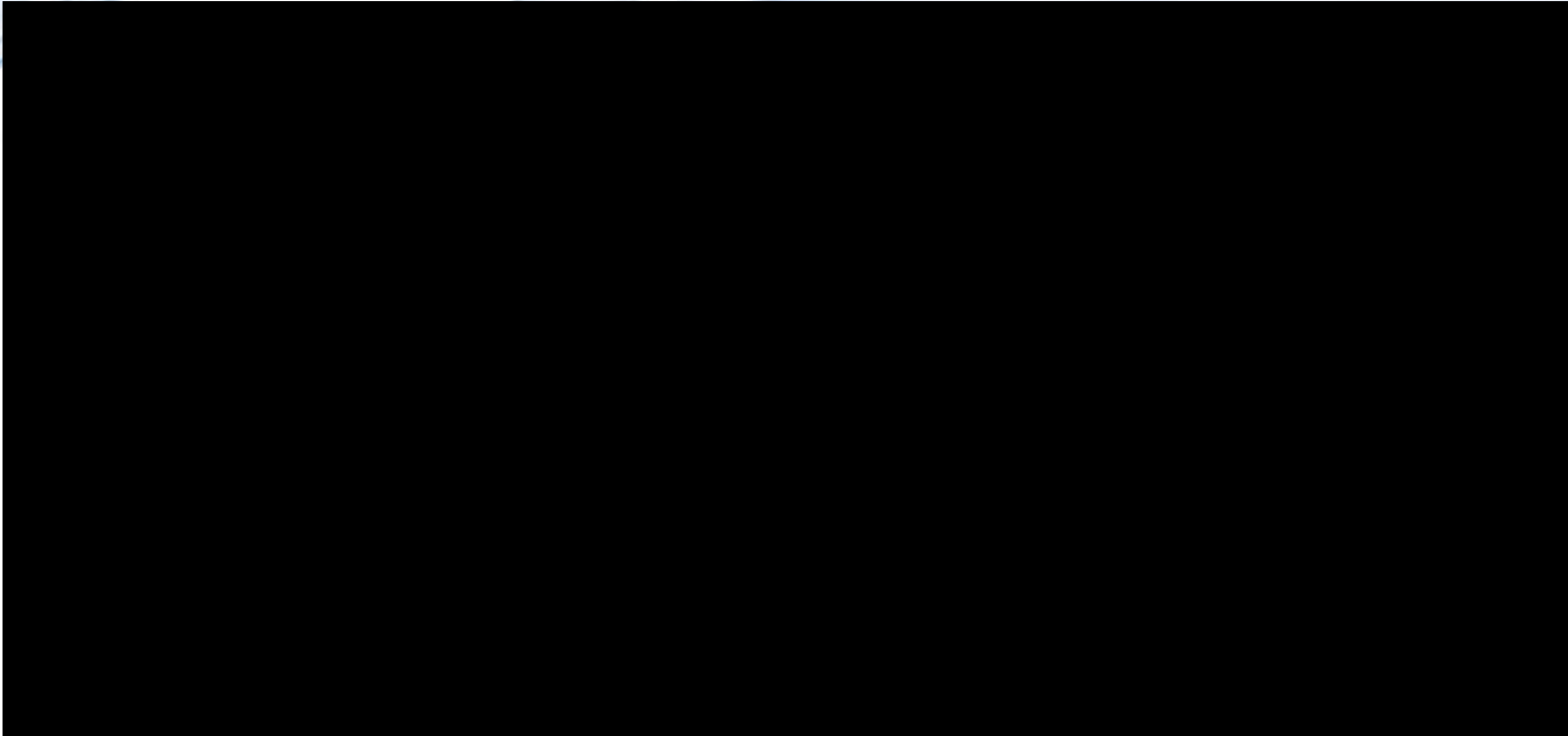
Secti

Following the grounding of the giant container ship **Ever Given**, the Suez Canal Authority launched a new development project aimed at :

- Duplicating the stretch from kilometer 122 to kilometer 132.
- Widening and deepening the southern section of the Suez Canal, from kilometer 132 to kilometer 162.
- Increasing navigation safety by about 28%.
- Increasing Suez Canal Numerical Capacity by **6** additional vessels per day.



The Expansion Project of the Southern Section





Thank You

www.suezcanal.gov.eg