



The International Maritime Transport and logistics Conference  
Towards Global Competitiveness in Maritime Industry



“INVESTING IN PORTS”  
The Trends, The Future



# The new maritime phenomena

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Intesa Sanpaolo Banking Group

Alexandria, 18th of March 2019



# A new observatory: a permanent analysis on ports and shipping

## News

**SRM partner of the 2018 Dialogue of Continents Forum | Paris 3-5 September**

SRM is partner of the 2018 Dialogue of Continents Forum. The event is organised by the Reinventing Bretton Woods Committee, in collaboration

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**Geo-strategic scenarios of Italian ports in the Mediterranean | Assoport | Rome, 19 July**

On Thursday 19th July the Association of the Italian Ports presented a study on Geo-strategic scenarios of Italian ports in the Mediterranean

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**Italian Excellence: The Ro-Ro sector | Article in "Porti campani in RETE" magazine**

Italian Excellence: The Ro-Ro sector. This is the title of the analysis written by Alessandro Panaro, Head of "Maritime & Mediterranean Economy"

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**Network and Infrastructure | Confartigiano Conference | Bari, 13th July**

On 13th July SRM will be speaker at one of the conference organized by Confartigiano in anticipation of the 2018 Mezzogiorno Convention

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**Italian Maritime Economy, China, energy corridors, ports and new routes: geomaps of a changing Mediterranean**

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# The growing role of Mediterranean

The **Mediterranean Economic Scenario**  
and competitiveness indicators

The **main phenomena** that will shape the future  
of the maritime sector



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# The most important data on the shipping sector in the Med

25%  
WORLD'S  
CONTAINER  
LINER SERVICES

19 PORTS  
THROUGHPUT  
>1 MLN TEUs

+500%  
OF CONTAINER  
TRAFFIC  
SINCE 1995

611 mln tonnes  
SHORT SEA  
SHIPPING

20%  
GLOBAL  
SHIPPING  
TRAFFIC

83%  
SHARE OF  
SEA TRADE  
ITALY-MED

983 mln tonnes  
SUZECARGO  
TRAFFIC

Source: SRM on Eurostat, Suez Canal Authority, ISTAT, Port Authorities



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# World Seaborne Trade in 2017

10,7 bn tons

4% annual growth

Global volumes gathered momentum and reached

Fastest growth in five years

Containerized trade accounted for **17.1%** of total seaborne trade **+6.4%**



Major dry bulk commodities accounted for **29.9%** of total seaborne trade **+5.1%**



Crude oil shipments rose by **2.4%** down from **4%** in 2016



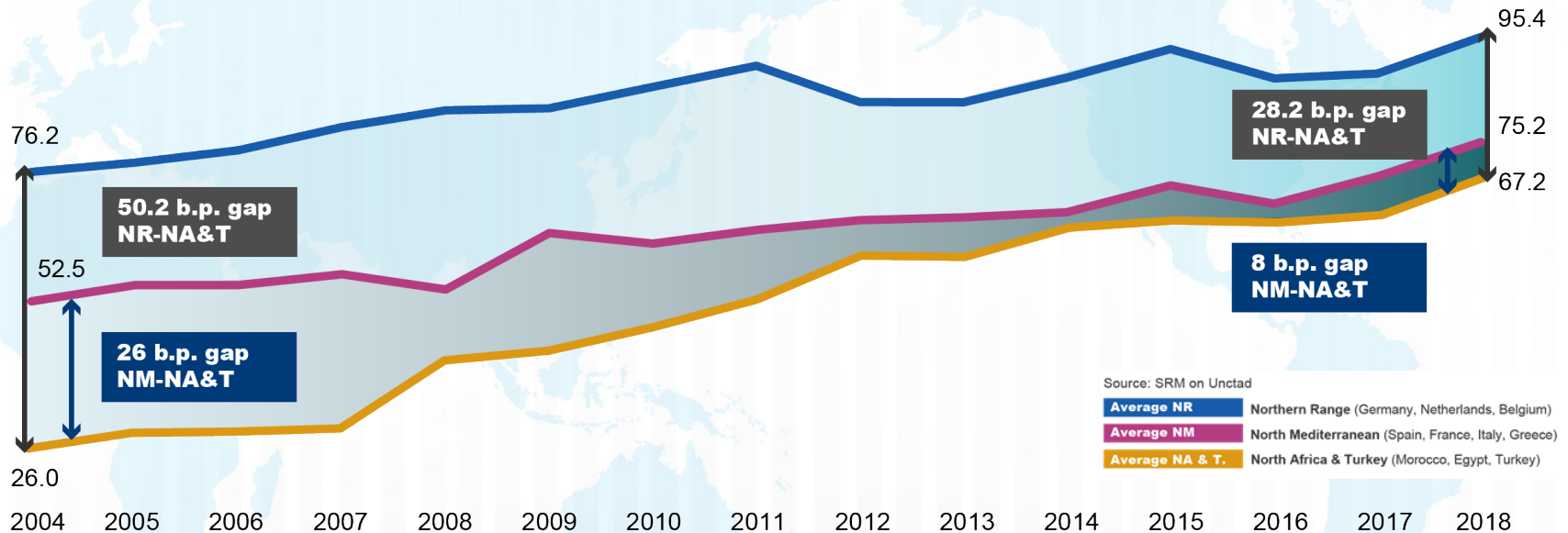
Combined volumes of refined petroleum products and gas went up by **3.9%**



Source: SRM on UNCTAD, 2018

# The MENA Area is increasing its competitiveness

The gap between the ports of the South and the North of the Mediterranean has greatly reduced between 2004 and 2018. Even the gap with the Northern Range is shrinking.



Source: SRM on Unctad

**Average NR** Northern Range (Germany, Netherlands, Belgium)  
**Average NM** North Mediterranean (Spain, France, Italy, Greece)  
**Average NA & T** North Africa & Turkey (Morocco, Egypt, Turkey)

Source: SRM on UNCTAD



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# Liner Shipping Connectivity Index (LSCI): analysis of the MENA Area

		2004		2010		2015		2018
1°	<b>Egypt</b>	42.9	UAE	63.4	UAE	70.4	UAE	83.91
2°	UAE	38.1	Saudi Arabia	50.4	Morocco	68.3	Morocco	71.5
3°	Saudi Arabia	35.8	Morocco	49.4	Saudi Arabia	64.8	<b>Egypt</b>	70.28
4°	Turkey	25.6	Oman	48.5	<b>Egypt</b>	61.5	Saudi Arabia	66.62
5°	Oman	23.3	<b>Egypt</b>	47.6	Turkey	52	Oman	62.97

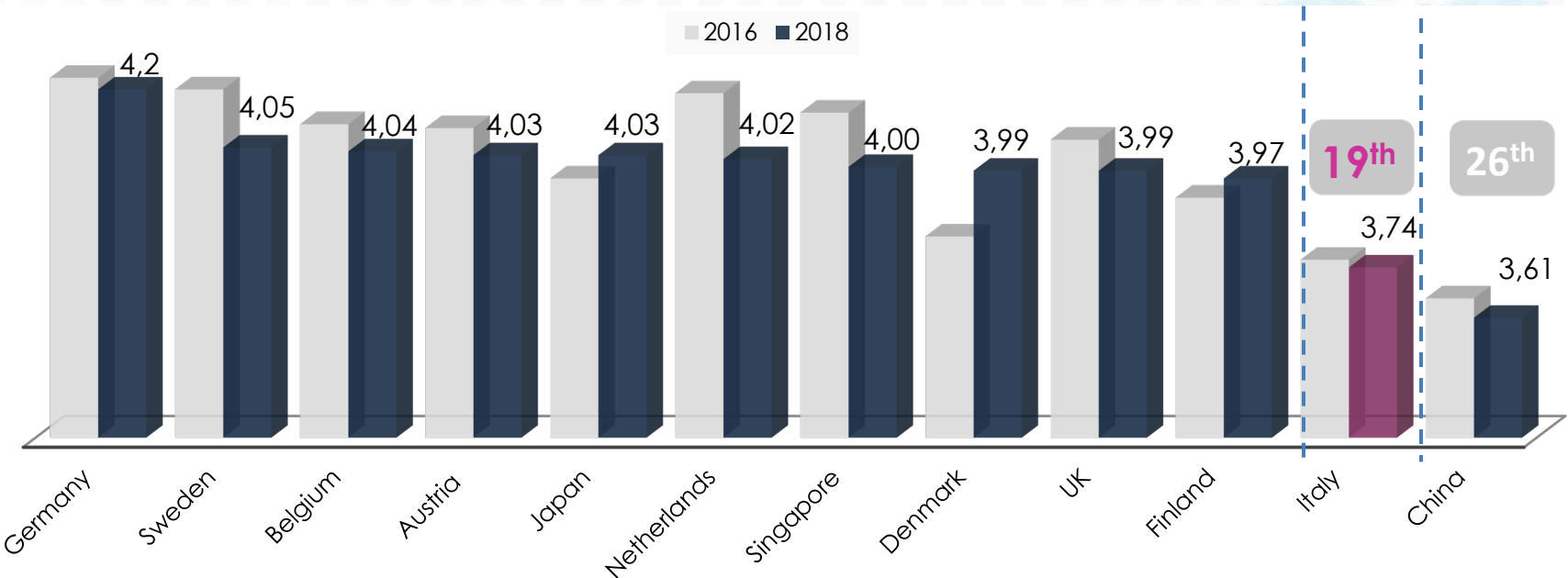
Source: SRM on UNCTAD

Egypt gained **30 b.p.** in the span analysed (2004-2018) 



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# Logistic Performance Index



Source: SRM on World Bank

**Italy Ranks 19<sup>th</sup>**

China hold the 26<sup>th</sup> place in the world



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# In this scenario logistic efficiency and connectivity are the new challenges in international maritime competitiveness

## LSCI

The top 5 countries of the world in terms of shipping competitiveness are in ASIA



Source: SRM on Unctad and World Bank



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# In this scenario logistic efficiency and connectivity are the new challenges in international maritime competitiveness

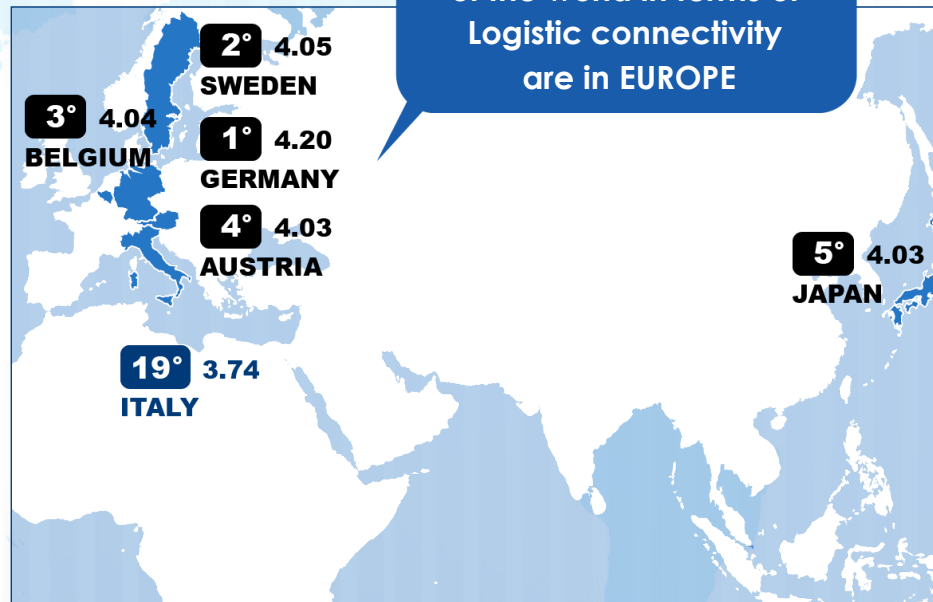
## LSCI

The top 5 countries of the world in terms of shipping competitiveness are in ASIA



## LPI

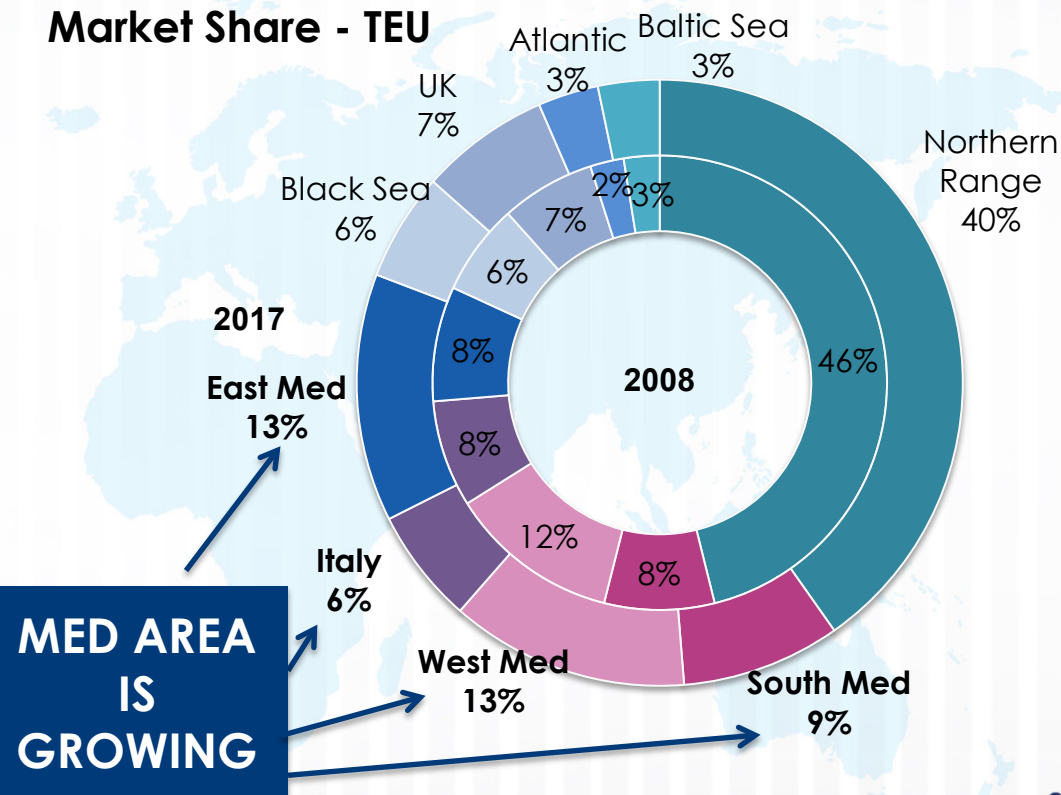
The top 4 countries of the world in terms of Logistic connectivity are in EUROPE



Source: SRM on Unctad and World Bank

# The analysis of container ports by geographic area: the new role of Med

## Market Share - TEU



**NORTHERN RANGE IS SLOWING DOWN**

Northern Range market share (40%) is decreased between 2008 and 2017.

The MED Area can be a great opportunity; between 2008 and 2017 the ports of MED Area increased their market share from 36% to 41%.

**MED AREA IS GROWING**

Source: SRM on Port Authorities



# Suez Canal: the new records



491  
mln tonn

+4.2%

5,706



container ships

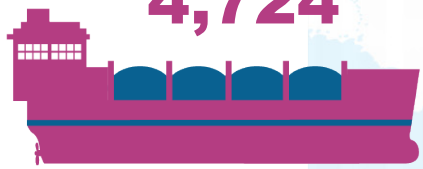
+2.5%



235.5  
mln tonn

+7%

4,724



oil tankers

+4.1%

+3.6%

18,174 Ships

+8.2%

983,4 million tonnes of goods

Source: SRM on Suez Canal Authority, 2019

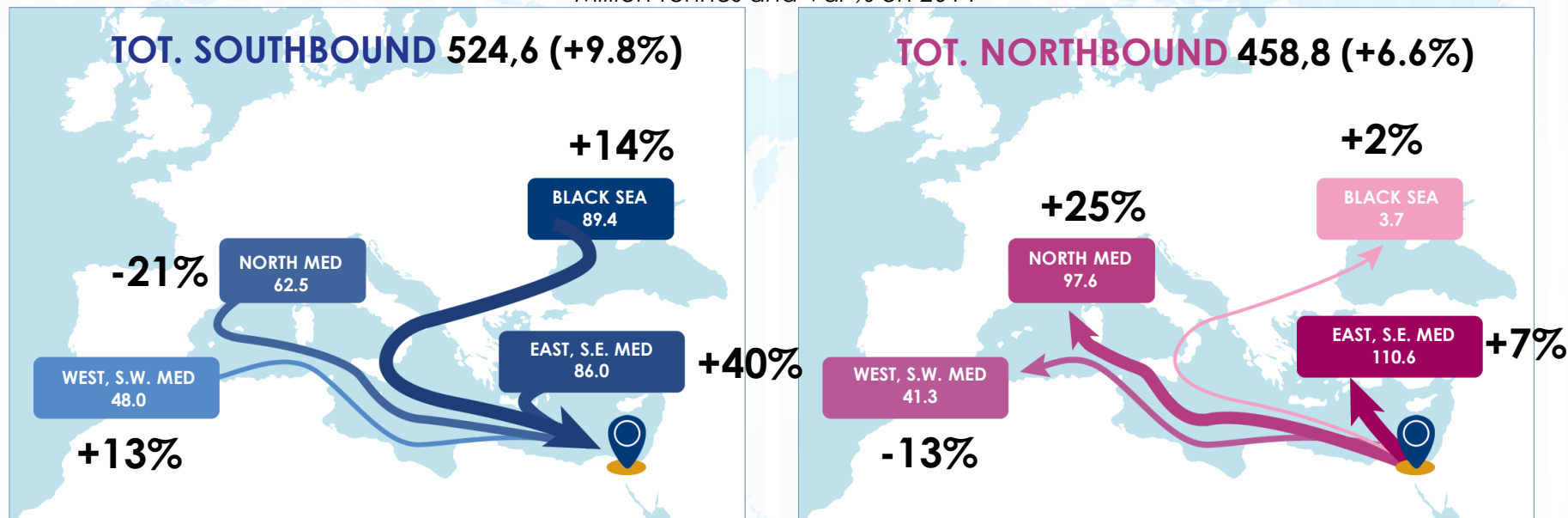


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# The role of Med Ports in the Suez Canal (2018 on 2014)

Million Tonnes and Var % on 2014



Source: SRM su Suez Canal Authority, 2019

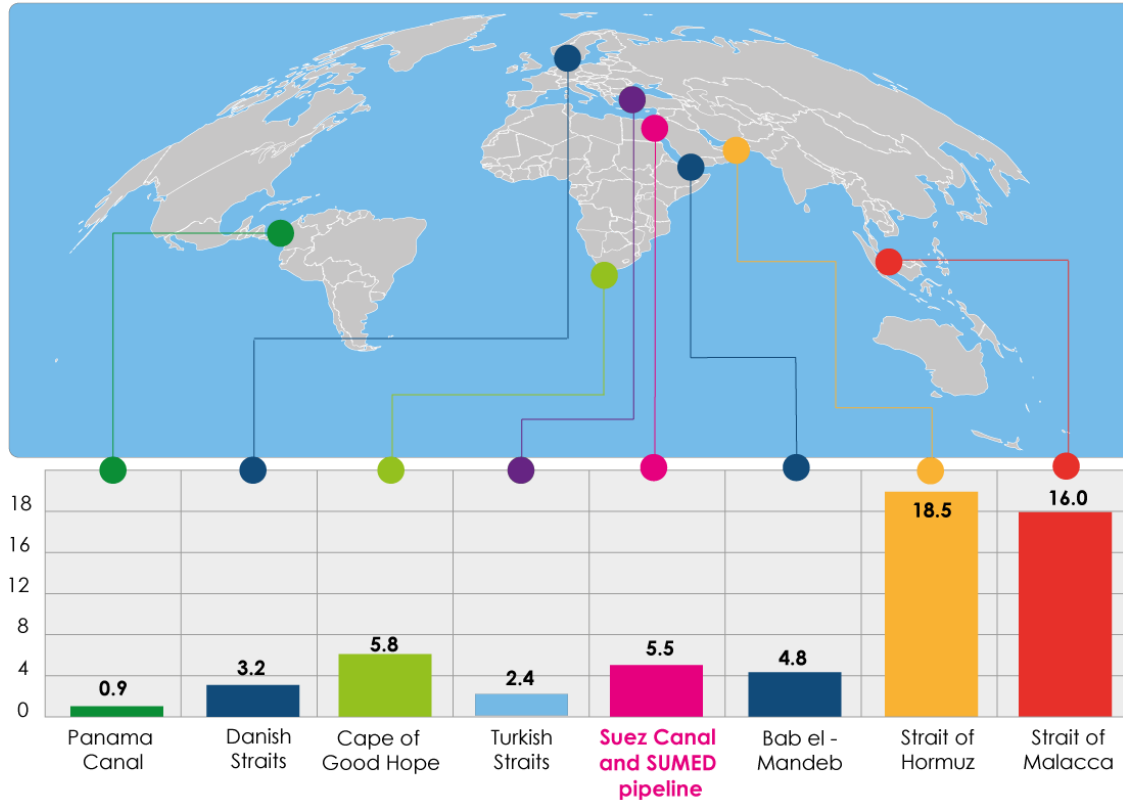
**MED ports** represented 55% of total traffic transiting by Suez. ■



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# Mains oil global chokepoints

Petroleum transit volumes through select maritime routes | 2016 - Million barrels per day



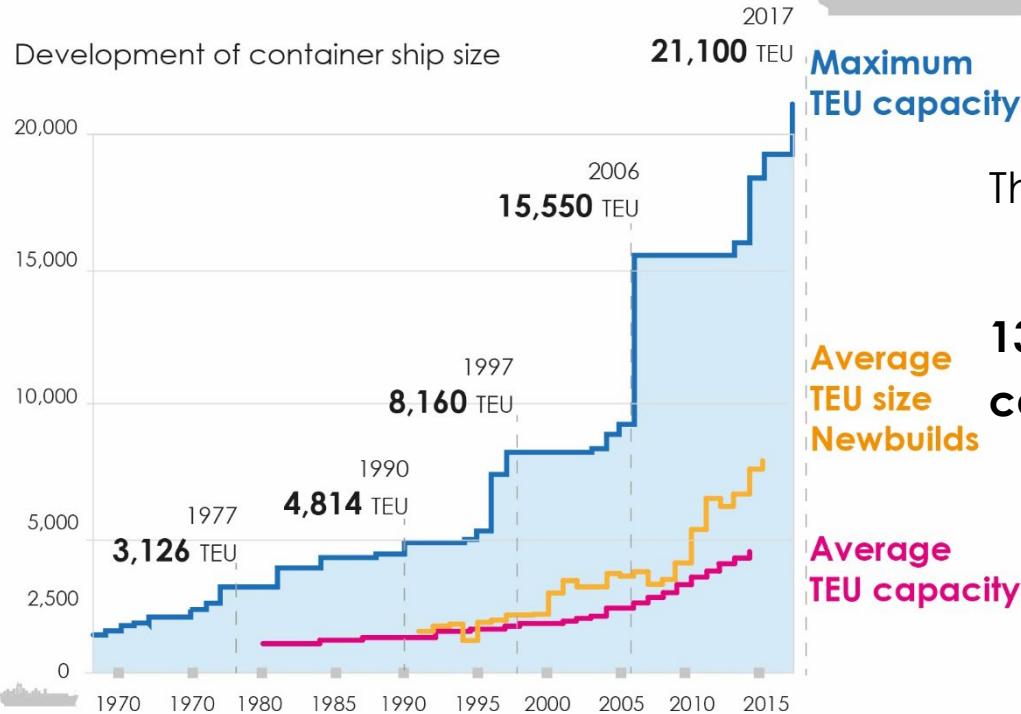
**Suez** (and the **Sumed pipeline**) is the **3rd busiest transit chokepoint** in the world with a total oil flow (crude oil and refined products) of **5.5 million b/d** transited in both directions

It holds **9% of global seaborne oil trade** and **9% of LNG**

Source: SRM on U.S. Energy Information Administration (EIA)

# ...the naval gigantism...

## Growth of Containership size, period 1970-2017



Maximum  
TEU capacity

Average  
TEU size  
Newbuilds

Average  
TEU capacity

The **ship size** increased 7 times in a period of 40 years

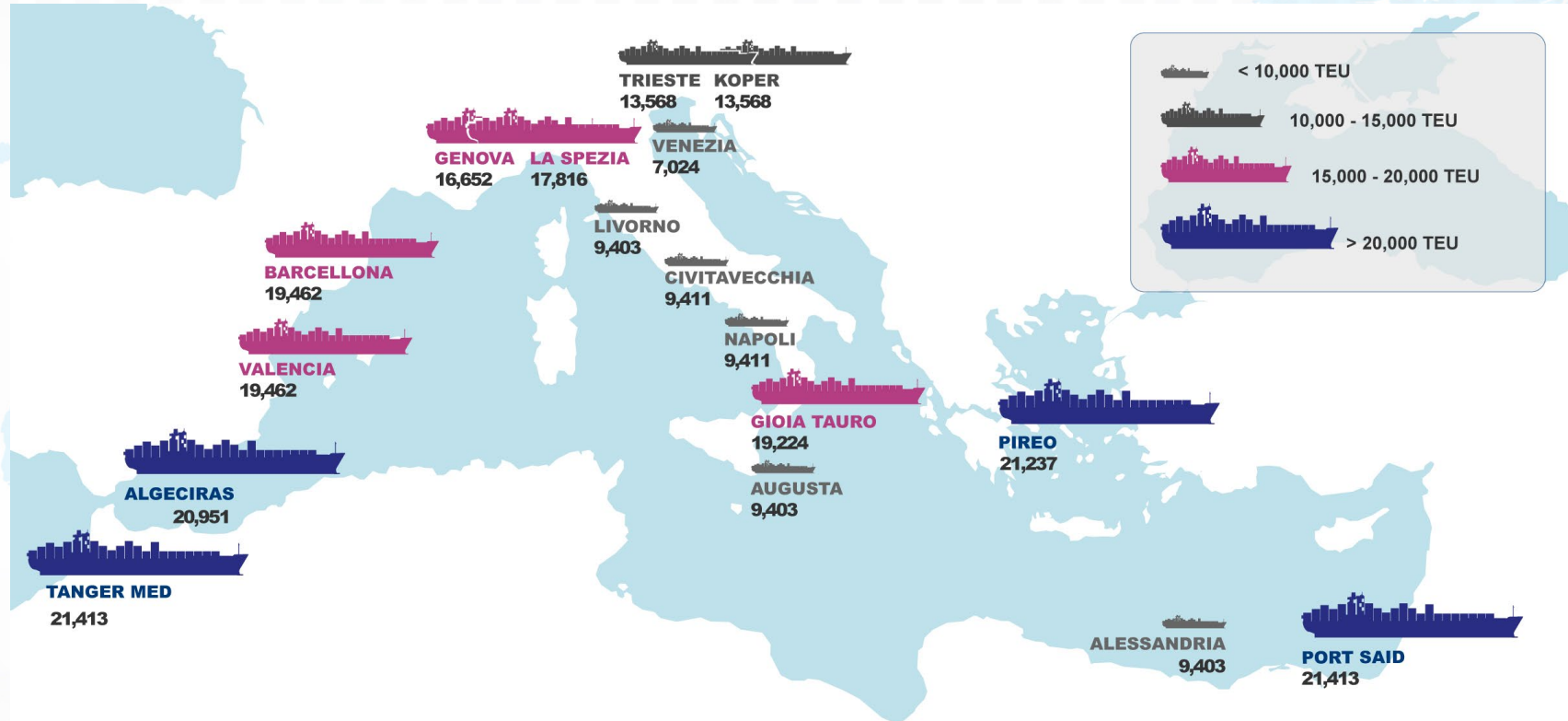
**133 new ships of the 10-23,000 TEUS category will be launched by 2022 (45 of which in the 18-23,000 TEUS)**

Source: ITF (2015)



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# The size of the Megaships in the Mediterranean ports: Small, Medium, Large or Extralarge

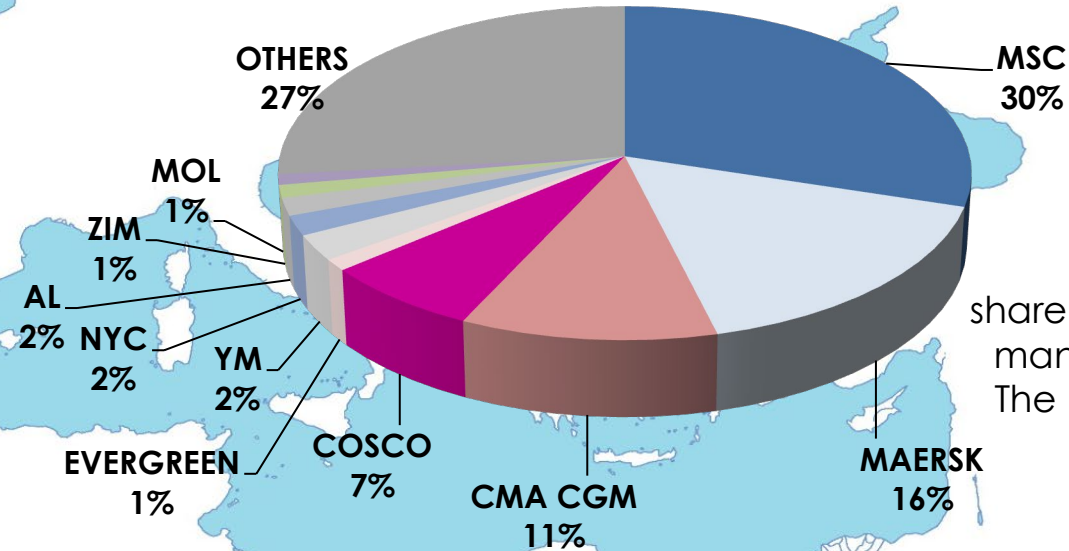


Source: SRM on Alphaliner



# Carriers' fleet market share in the Med Ports

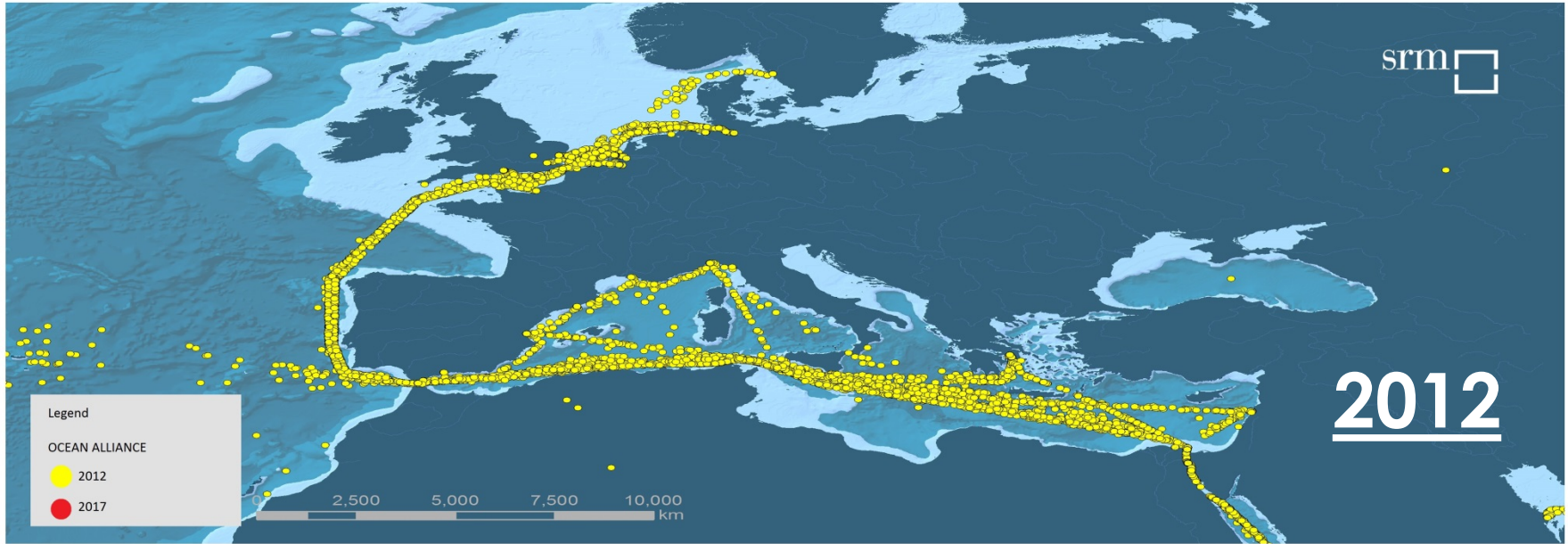
## Total TEUs - 2018



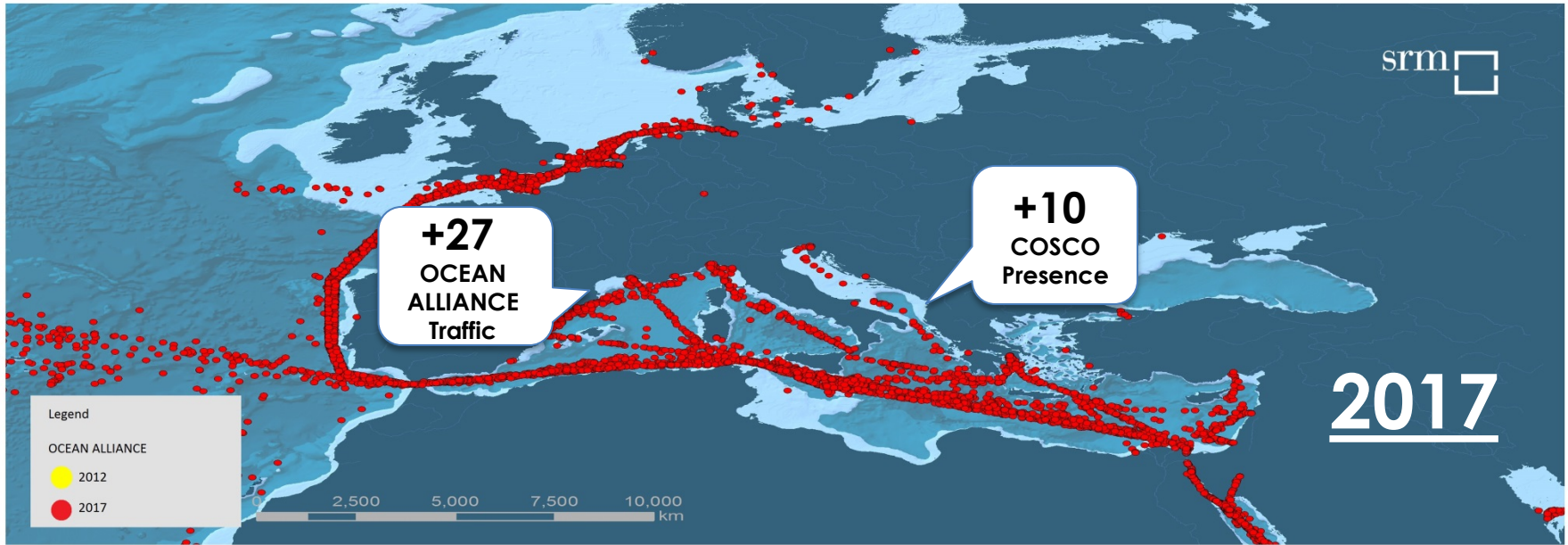
In 2018, the market share of the container fleet managed by 2M was 46%. The market share held by Ocean Alliance was almost 20%

Source: SRM on Alphaliner

# The Mediterranean routes of the Ocean Alliance



# The Mediterranean routes of the Ocean Alliance



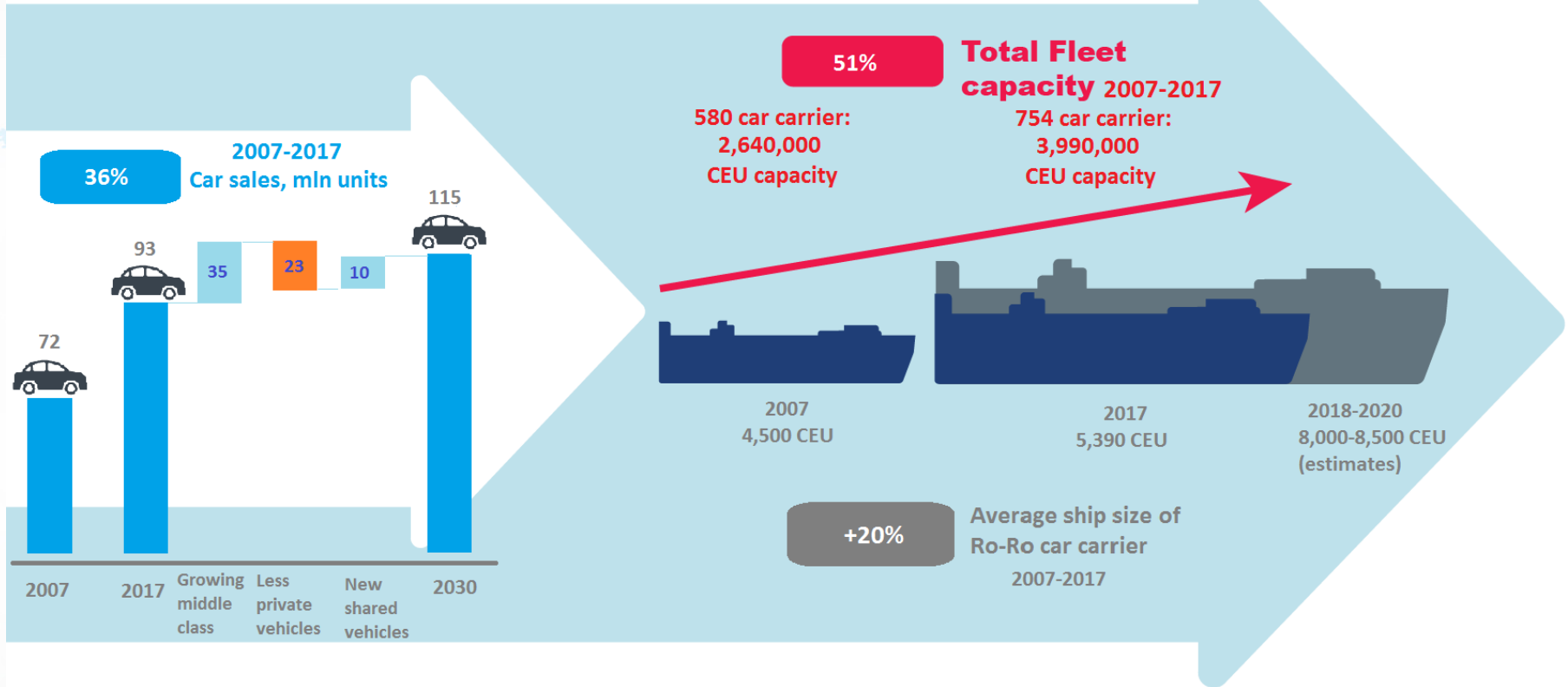
# The Short Sea Shipping map



Source: SRM on Eurostat



# The connection between the growth of Ro-Ro and the increase of the automotive

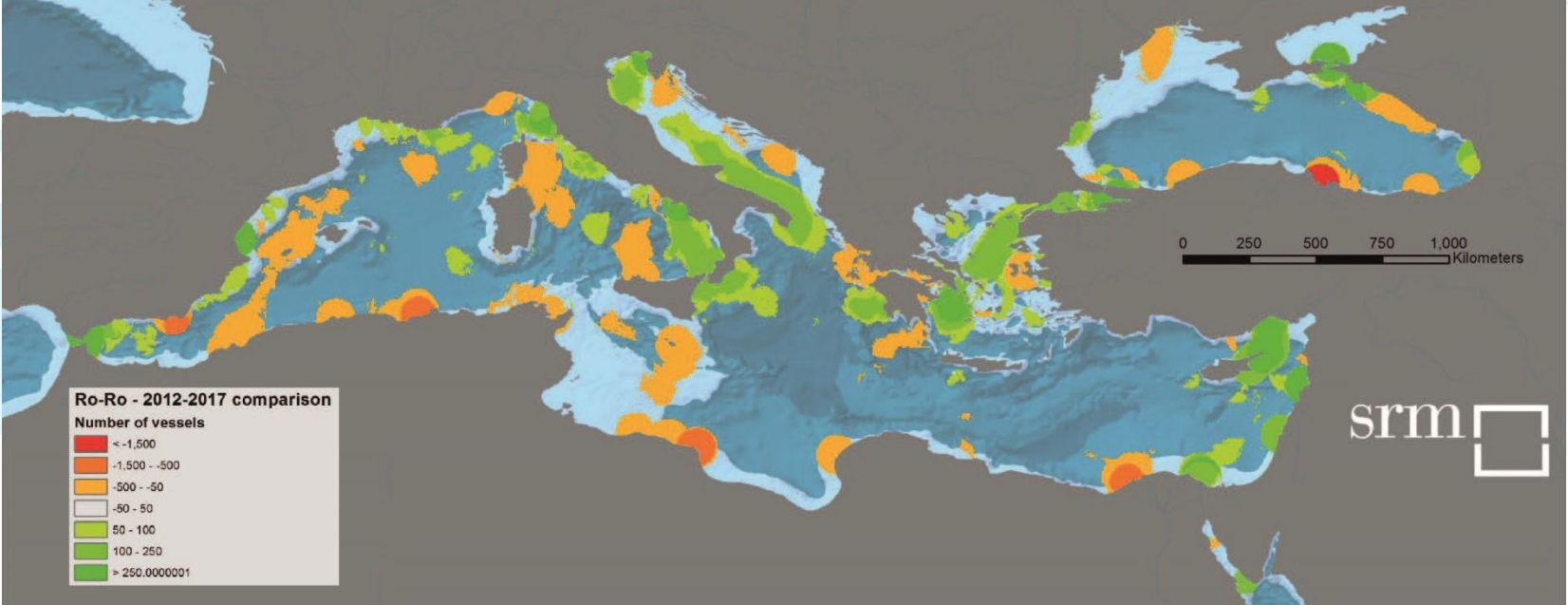


\* CEU (car equivalent unit)

\* Source: SRM on WWL, BRS Group, ANFIA, Fearnleys

# Ro-Ro traffic in the Mediterranean Sea-density map

2012-2017 comparison

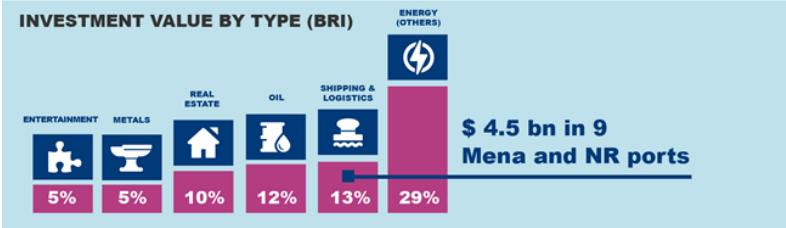
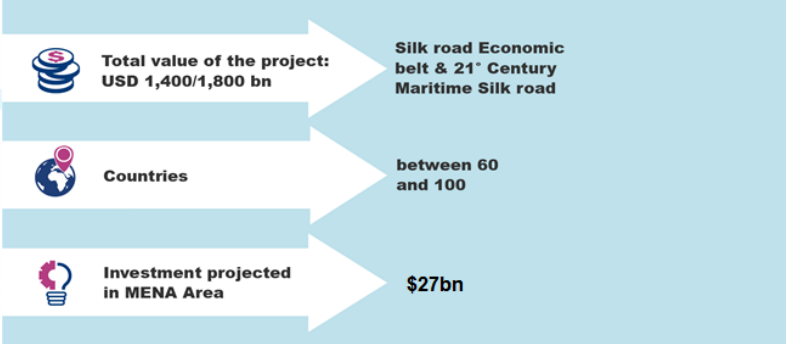


Source: SRM

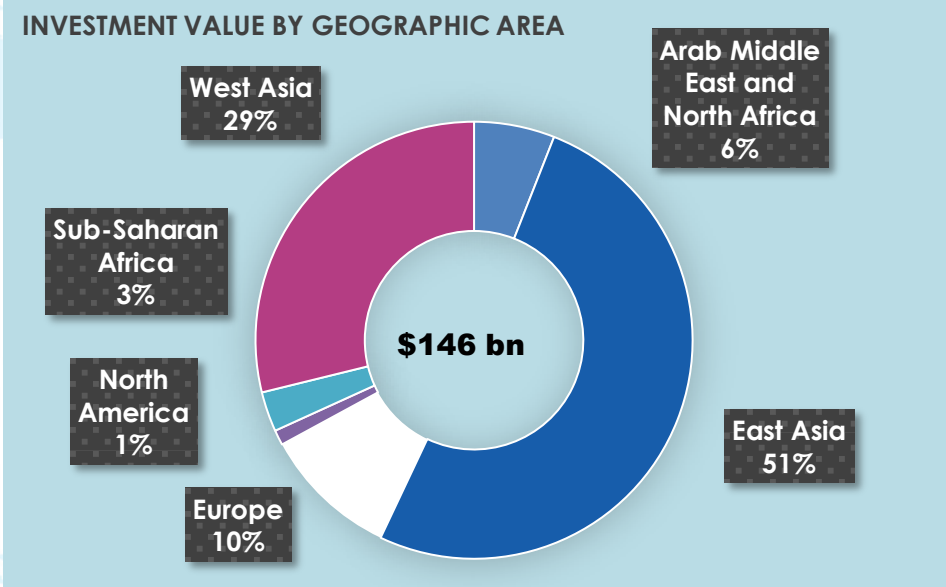


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# The role of BRI in the Mediterranean



Investment until June 2018  
No financial investment



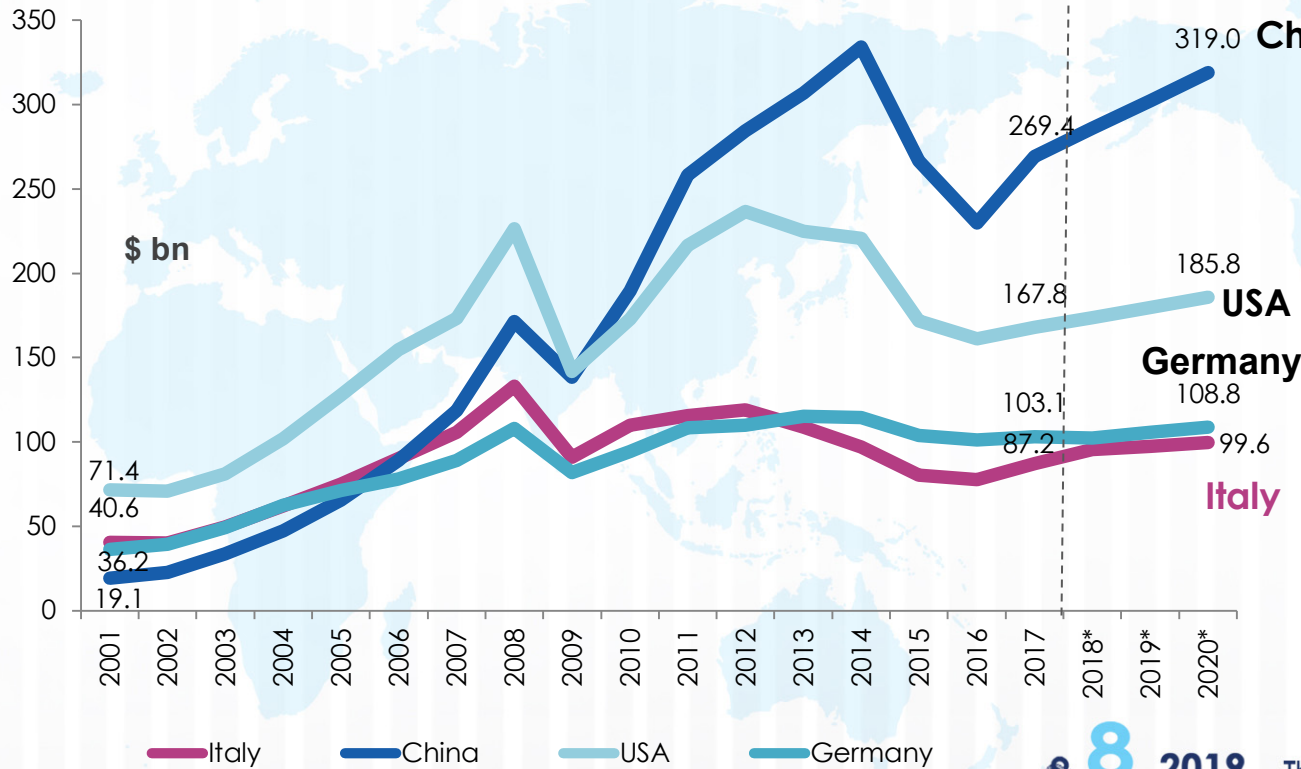
Source: SRM on China Global Investment Tracker database



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# A steady increase in trade relation towards the MENA area

## China is the largest partner



**China is the largest trade partner of MENA countries**  
**\$269.4 bn import-export**

**Italy's trade with MENA Area: \$87 bn (+70.4% on 2001).** According to SRM forecast, this trade will reach **bn in 2020 \$99.6**

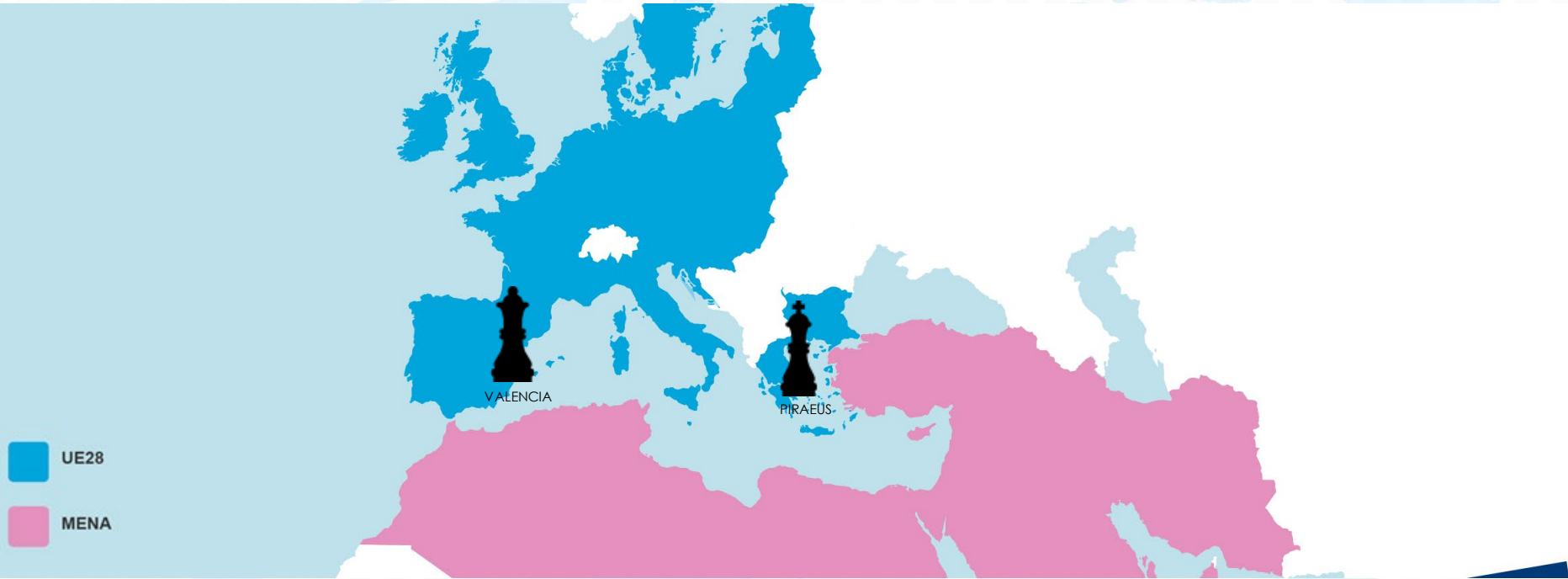
Source: SRM on UNCTAD



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# The Chinese chessboard



Source: SRM



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# The Chinese chessboard

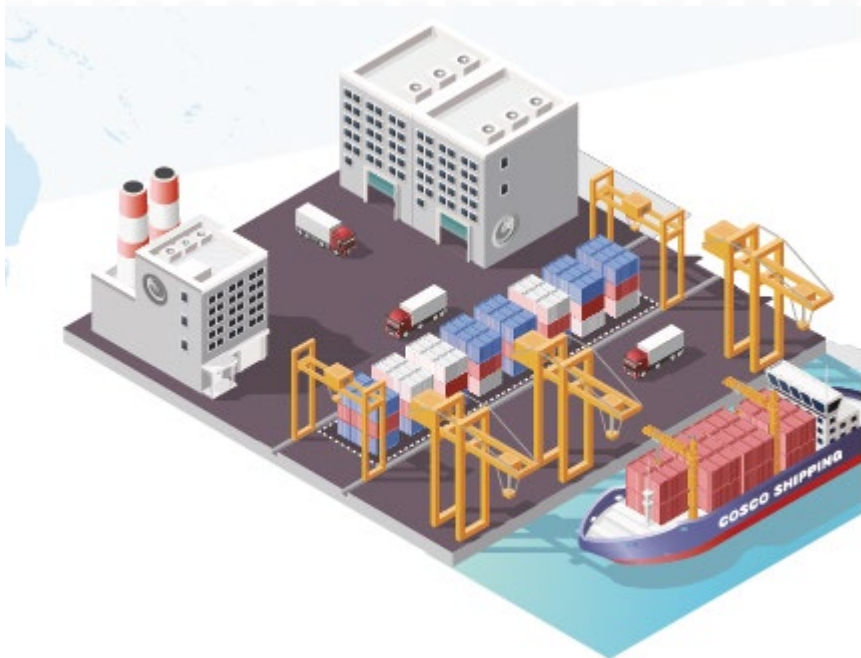


Source: SRM



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# Total traffic of Cosco Container terminal is increasing in the Med



## Cosco Cargo in Med terminal 2018

Terminal	Throughput (TEU '000)
Piraeus	4,409.2
Noatum	3,622.2
Suez Canal	1,258.3
Kumport	1,258.3
Vado Reefer	66.6

22% of  
Med ports

Total throughput Med Ports  
11,966,100

In 2018 total traffic of Cosco container terminal in the Med ports was almost 12 **million TEUs**.

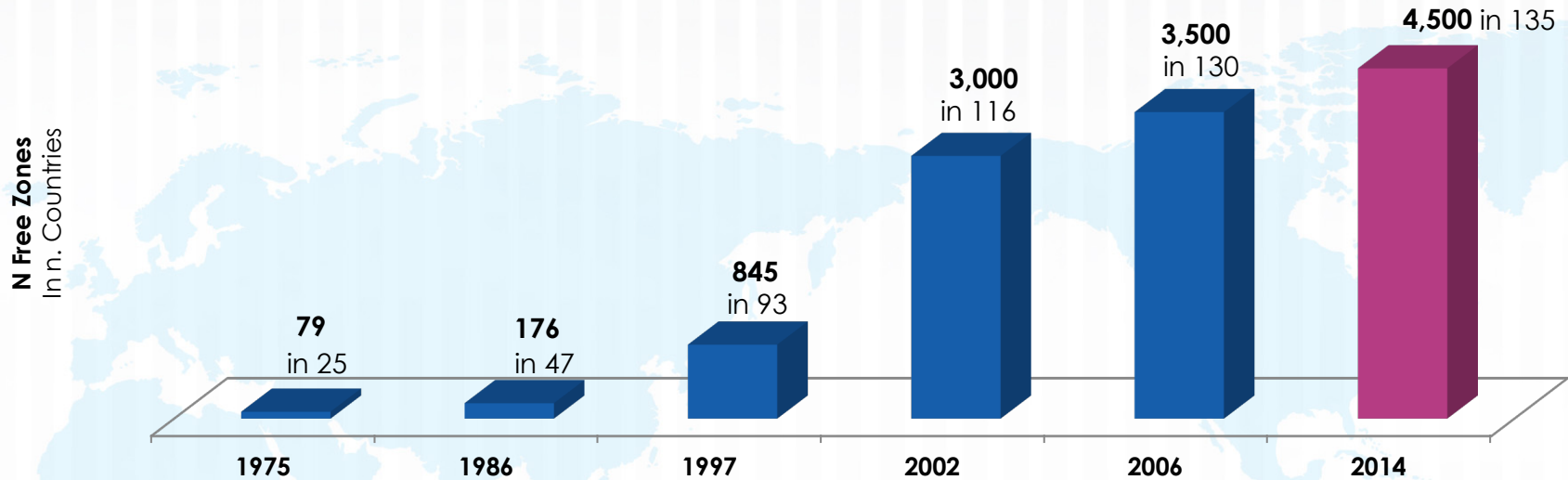
Chinese terminals dominate 22% of the traffic in the Med ports.

Source: SRM on COSCO



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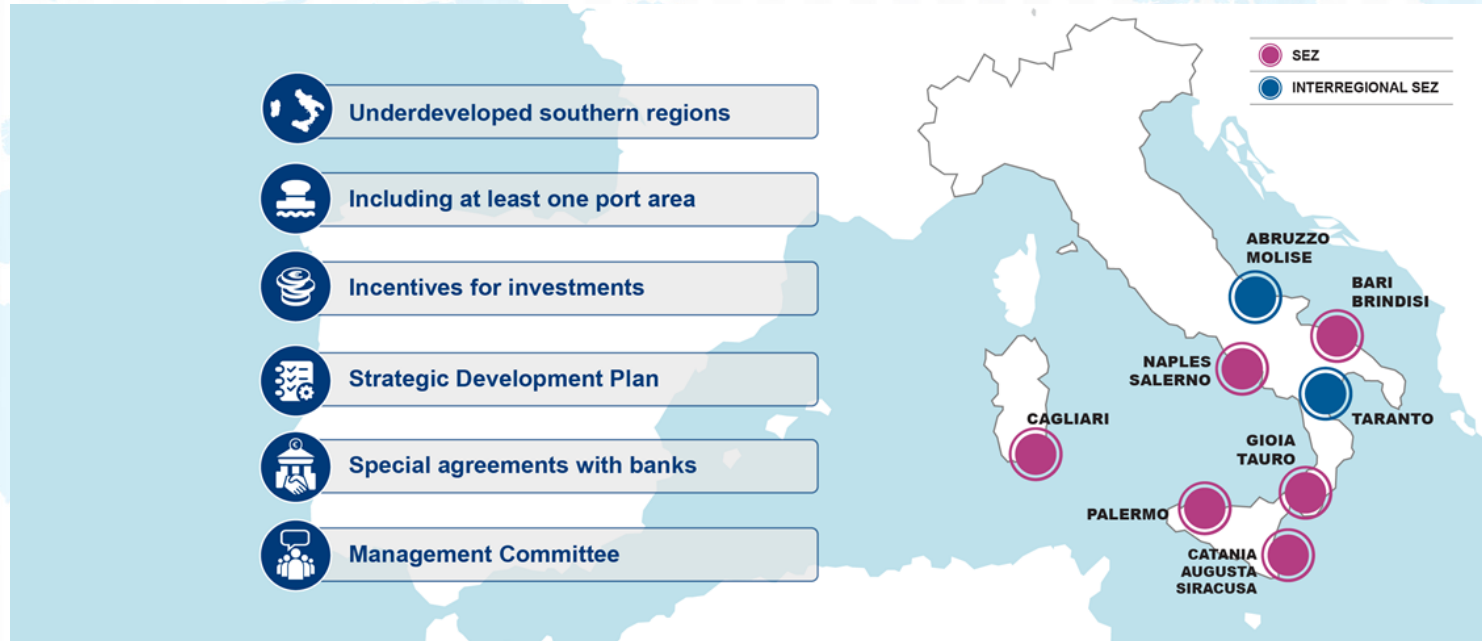
# The growth of the free zones in the world



Source: SRM on Trade Performance Of Free Trade Zones, 2014 and others

There are about **4,500 Free zones** all over the world.   
These zones have created **68 million direct jobs** and **over \$ 500 billion of direct trade-related value added.** 

# Italian Free Zones: SEZ basic criteria



Source: SRM



# Ports of Future



## INTERNATIONALISATION

- Dedicated department for the international development of the port
- Regular monitoring of routes and international trade

Source: SRM



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## INTERMODALITY

- Dedicated department for the development of intermodal traffic
- Local transport networks
- Monitoring of local and global transport phenomena

Source: SRM



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## TRAINING & ACADEMY

- Regular and consolidated relations with universities and Centres of Research
- Study rooms for students
- Heritage of publications and databases

Source: SRM



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## INNOVATION & START-UP

- The Port XL model
- Support from port managers with specialised expertise and incentives

Source: SRM



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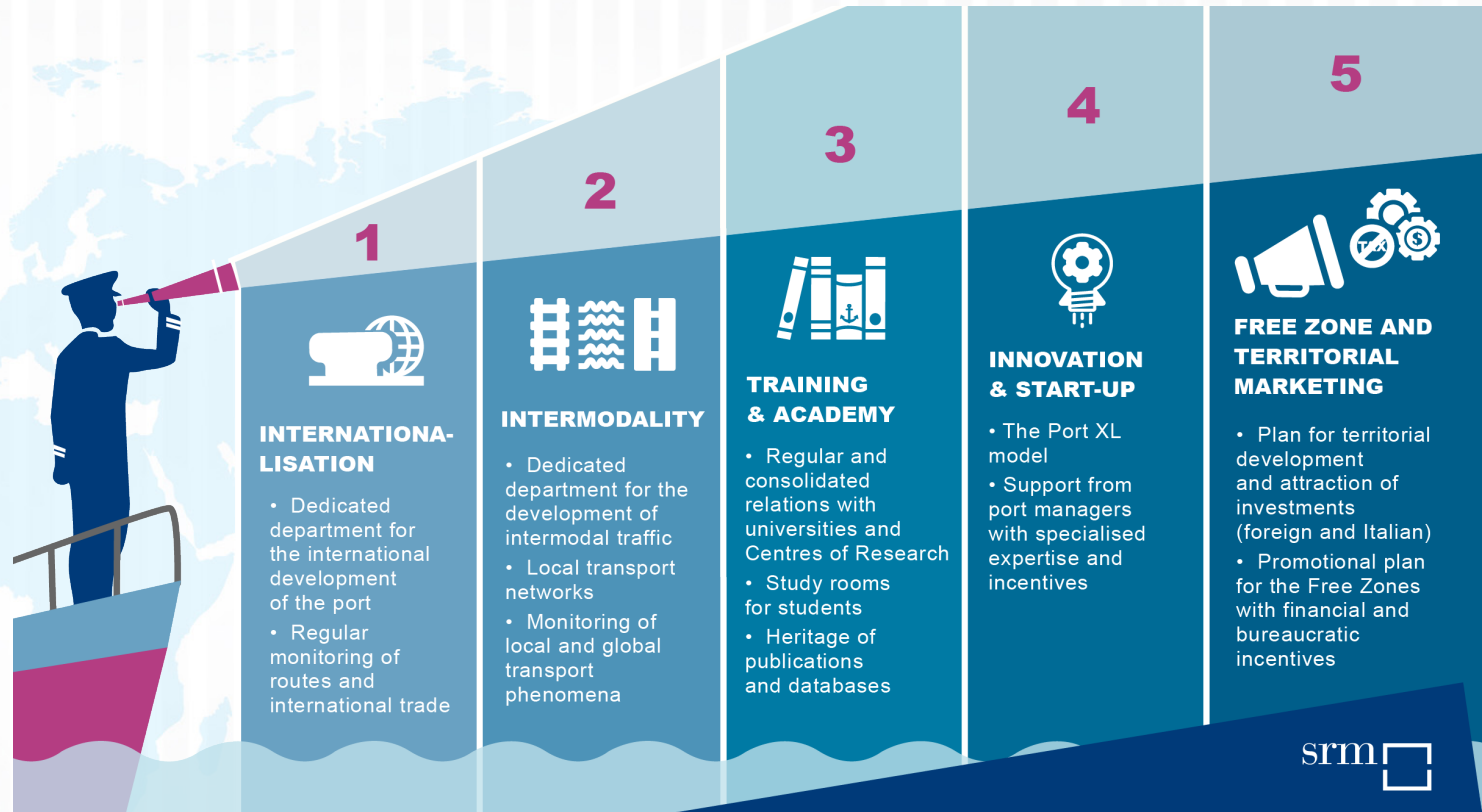
- The Port XL model
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## FREE ZONE AND TERRITORIAL MARKETING

- Plan for territorial development and attraction of investments (foreign and Italian)
- Promotional plan for the Free Zones with financial and bureaucratic incentives





Source: SRM



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