



Port Network Authority
of the Eastern Adriatic Sea
Ports of Trieste and Monfalcone



Ports of Trieste and Monfalcone

Trieste



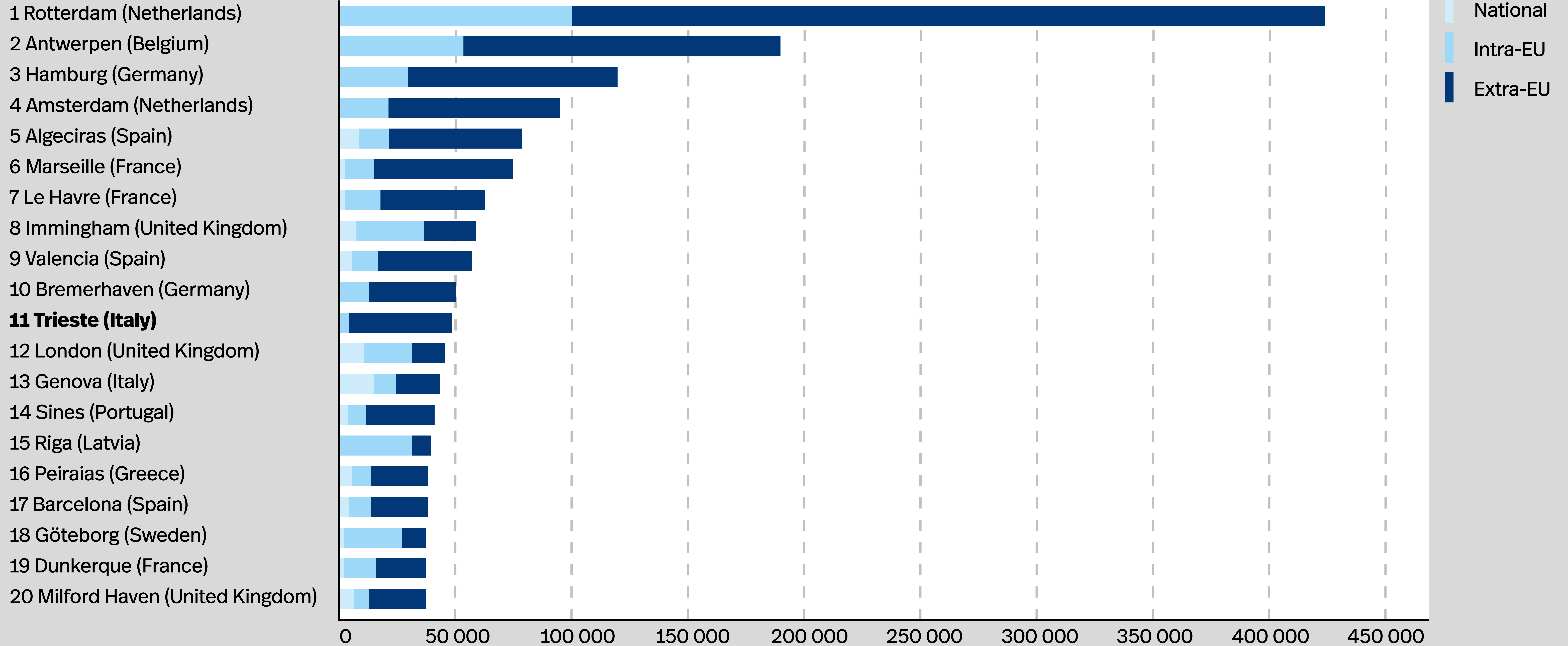
1st
port in Italy
for total
tonnage

1st
port in Italy
for rail traffic

1st
oil port in the
Mediterranean
Sea

11th
port in Europe
for total
tonnage

Trieste in the top 20 European ports



Unit: Thousand tonnes

Source: Eurostat regional yearbook (2017)

Competitive advantages

A world map with a light beige background. The city of Trieste is marked with a blue dot and labeled in blue text. The map is overlaid with a semi-transparent grid pattern.

• **Trieste**

①

**Geographic
position**

②

**Intermodal
and railway
links**

③

**18-meter
deep
berths**

④

**Special
Free Zone
Regime**

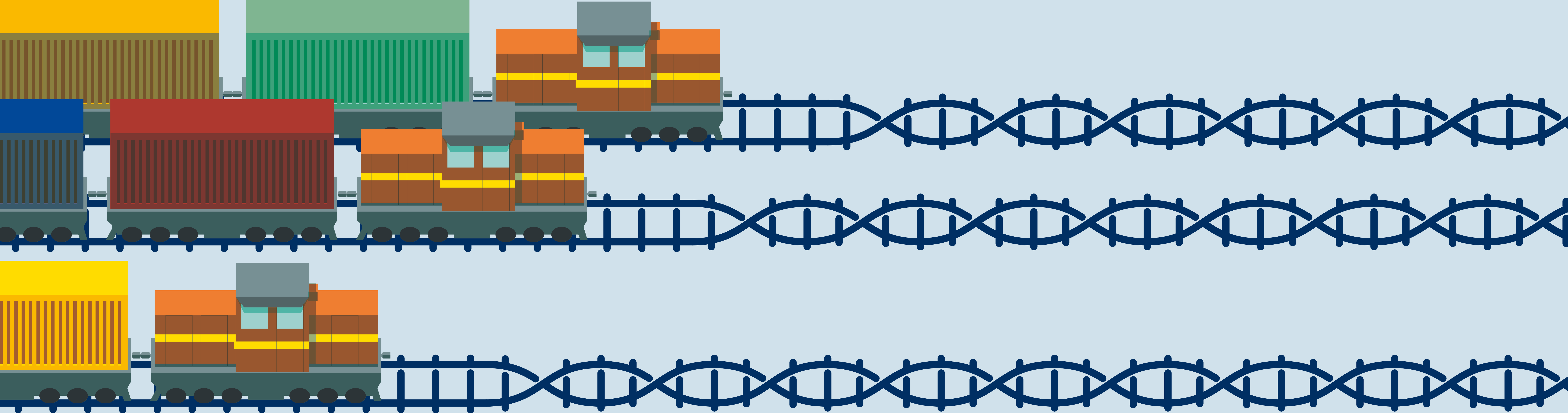
⑤

**New
Masterplan
approved**

Competitive advantages compared to the Northern Range ports



Railways in our DNA



Statistics 2017

January / December	2016	2017	%
Total tonnage	59,244,255	61,955,405	+4.58%
Liquid bulk	42,756,341	43,750,555	+2.33%
Dry bulk	1,971,001	1,639,595	-16.81%
General cargo	14,516,913	16,565,255	+14.11%
Number of vehicles (semitrailer /private and commercial vehicles)	302,619	314,705	+3.99%
Number of containers / TEUs number of full containers / TEUs	486,462 437,084	616,156 547,582	+26.66% +25.28%
Total TEUs* (TEUs, semitrailers, swap bodies)	1,158,329	1,314,953	+13.52%
Total Trains (Industrial Port/New Free Port)	7,631	8,681	+13.76%

*Total TEUs are obtained by converting the RO-RO semitrailers and swap bodies traffic into equivalent TEUs and adding them to the maritime TEU traffic.

Statistics 2018

January / June	2017	2018	% change
Total tonnage	29,720,669	31,168,780	+4.87%
Liquid bulk	20,783,302	21,503,899	+3.47%
Dry bulk	777,775	792,061	+1.84%
General cargo	8,159,592	8,872,820	+8.74%
Number of vehicles (semitrailer /private and commercial vehicles)	155,810	161,223	+3.47%
Number of containers / TEUs number of full containers / TEUs	299,280 265,063	345,056 318,350	+15.30% +20.10%
Total TEUs* (TEUs, semitrailers, swap bodies)	646,288	704,655	+9.03%
Total Trains (Industrial Port/New Free Port)	4,082	4,816	+17.98%

*Total TEUs are obtained by converting the RO-RO semitrailers and swap bodies traffic into equivalent TEUs and adding them to the maritime TEU traffic.

TRIHUB Project

Improving railway connection with Cervignano inland dryport



Improving railway port connection

Improving railway connections with Villa Opicina

Scale: 140 000
Lon: 13° 15' 51.3792" Lat: 45° 47' 45.6498"

Trieste

TRIHUB Project

Venice / Tarvisio

ERTMS level 2 development
for the Mediterranean Corridor

Aurisina

Upgrading of existing line and of
Villa Opicina station (35 Mln)

Fernetti inland dryport
Slovenia

New railway link (5Mln)

Belt bypass tunnel

Infrastructural and technological
upgrading of Transalpina (30 Mln)

Railway lines

Railway stations (funded projects)

Candidate project (lines and stations)

Trieste Campo Marzio
New port Masterplan

Scalo Legnami station (50 Mln)

New Servola Station

New Logistics platform (15 Mln)

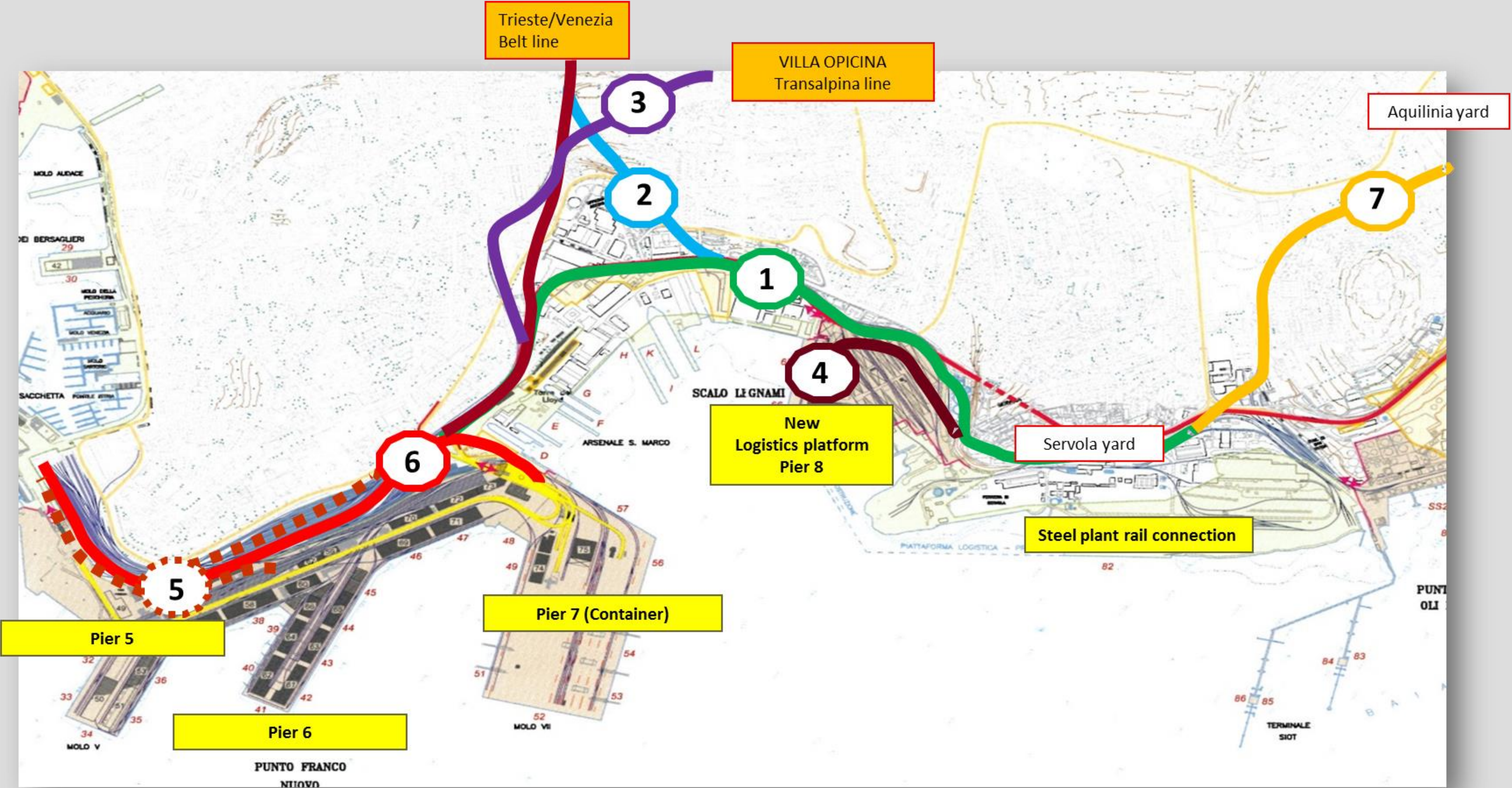
Connection between Transalpina
and «linea alta» railways (20 Mln)

New Aquilinia station (40 Mln)

Infrastructural and technological
upgrading of «linea alta» (20 Mln)



Planned actions within the railway hub of Trieste

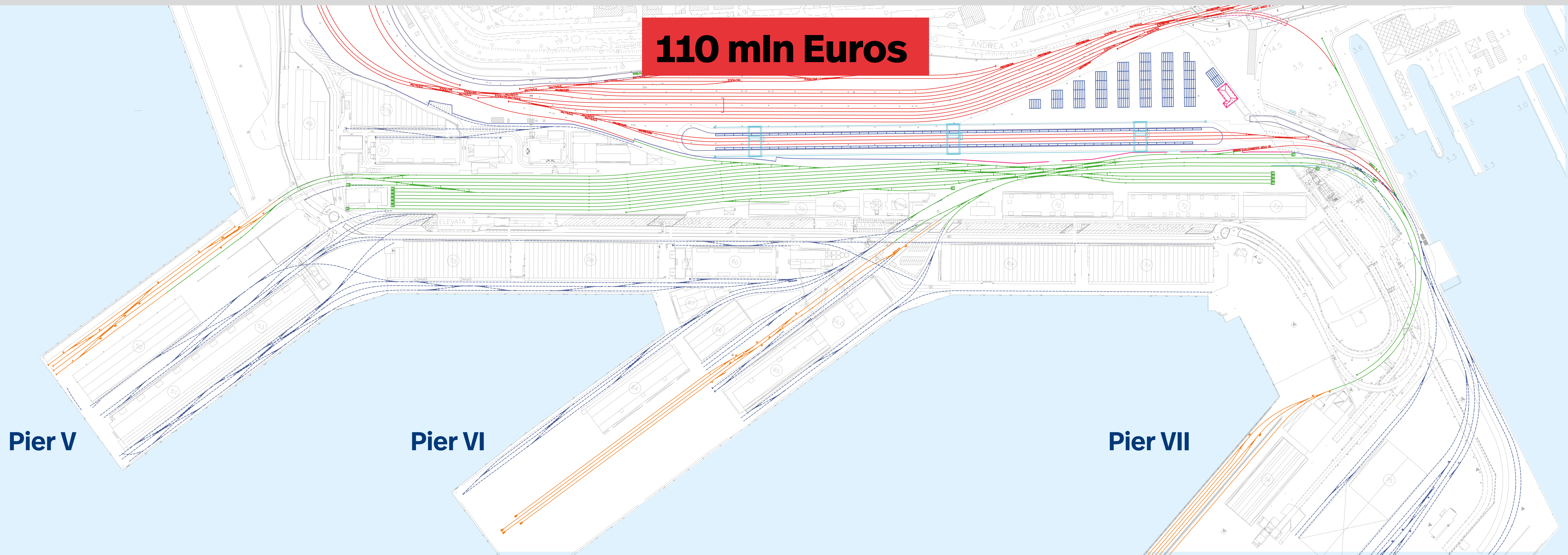


Planned actions within the railway hub of Trieste

Code	Action	Description	Advantages	Critical issues	Costs	Timeframe
1	Phase 1 with ACEI – extension from Trieste CM to Servola	Reactivation within ACEI of routes connecting TS CM to Servola yard.	Servola train station can benefit from the connection to Trieste CM thus doubling its capacity	None	1.45 million Euros	15 April 2018
2	Phase 1 with ACEI – reactivation of link between the junctions of S. giacomo-Cantieri	Reactivation of the tunnel connecting Servola from the Belt line (linea di cintura): •Refurbishment and adaptation of tracks for PC80 gabarit •New infrastructure for allowing electric traction	Arrivals and departures directly from Servola without passing by Trieste CM, indirectly increasing capacity of arrival and departure tracks in Trieste CM and thus improving the service from/to the terminals tracks	AMIS (authorization for activating the service) to be obtained – this could cause delays and consequently a rise of costs	4.5 million Euros	June 2019
3	Reactivation Villa Opicina –Trieste Campo Marzio	Reactivation of the line, maintenance works and reinstatement of conditions for exercise	Direct link Port of Trieste – TS-Ferneti RRT	None	3 million Euros	June 2019
4	New Logistics Platform link	Reactivation of about 2 km of the “Lower Line” and gabarit adaptation of the Servola Tunnel	⁴ New link connected	Action to be realized in parallel with the construction of delivery/unloading tracks	1.7 million Euros	2019
5	PRG (Campo Marzio Rail Master Plan) anticipation	Connection “Parenzane” yard of track no. 14 and elimination of track no. 15 Second track for rail manoeuvres through Gate 2 for line to/from Parenzane	Improved usage of parking slots and possibility of shunting from/to the terminals	Funding allocation to be included within the PRG	3.35 million Euros	Track no. 14 – December 2018 Parenzane and Gate 2 – December 2019
6	Phase 2 – PRG (Campo Marzio Rail Master Plan) and activation of New Main System / Equipment	•New layout of the railway tracks in the port shunting area with 750m-long trains •New connection to Pier 7	Increased capacity of the network to accommodate the port railway growth trends (25,000 trains/year)	Project currently under development by Italferr Letter of engagement to be modified to include Servola and Aquilinia yards	78 million Euros	TBD
7	Phase 2 – Extension of the railway network to Aquilinia	Activation Pier VIII, extension of Trieste Campo Marzio to Aquilinia in order to manage flows from Servola	Realization of adequate yard for arrivals and departures able to manage flows from the junctions and new terminal	To be activated in line with the new railway links from/to the New Logistics Platform	Acquisition of funds process is currently underway	TBD

The New Port railway station at Trieste Campo Marzio

The Port Network Authority is now upgrading both infrastructures and organization of Trieste Campo Marzio rail terminal in order to ensure efficiency in operational activities and reach new technical standards in compliance with EU regulations. **Investments at Campo Marzio amount to 110 mln Euros.**



Development of railway capacity in the Port of Trieste

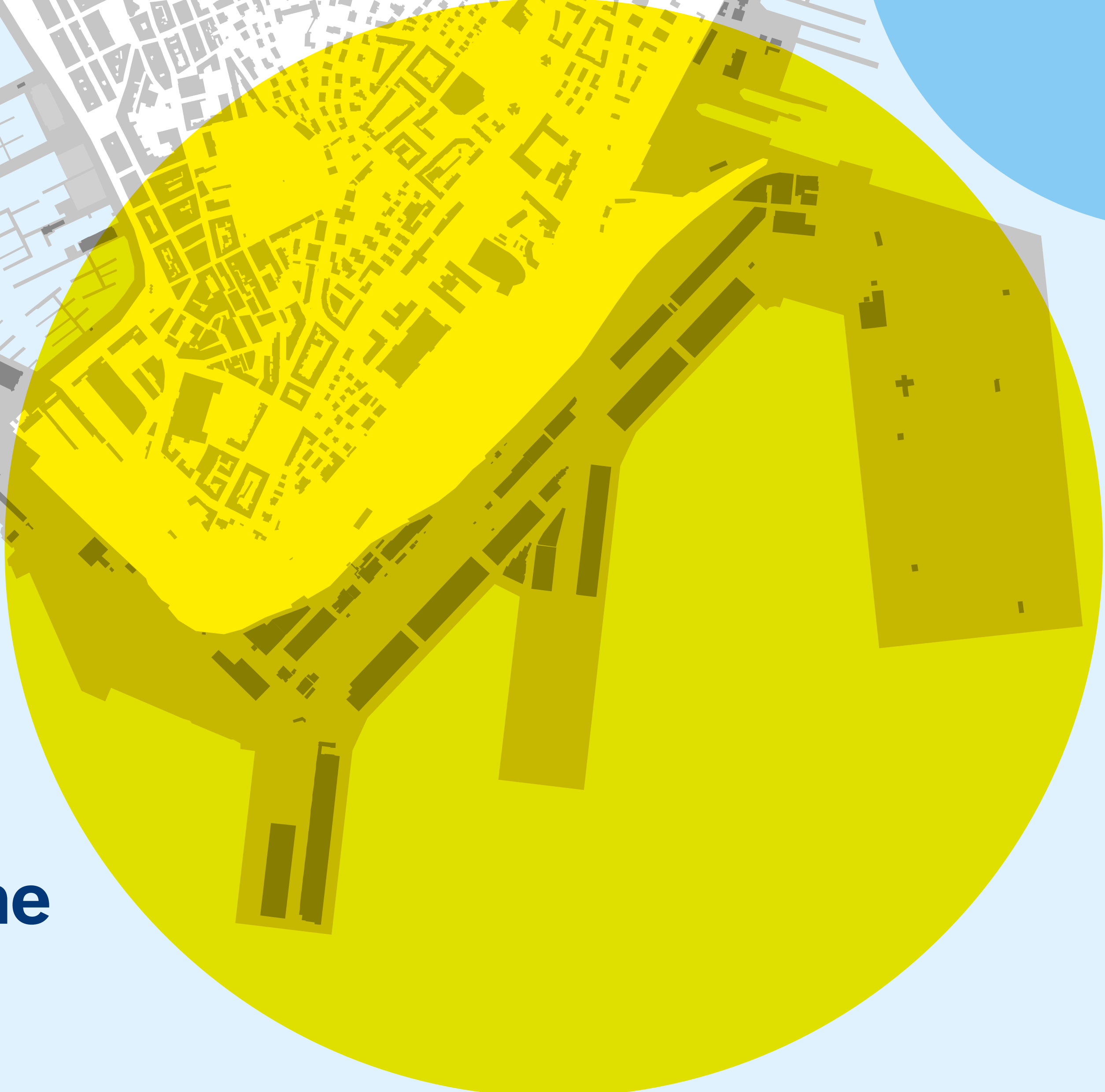
Year	Interventions	Railway capacity
2018	<ul style="list-style-type: none"> • Double railway connections - in/out Pier 7 • Second track for rail manoeuvres through Gate 2 for line to/from Parenzane 	12,300
2019	<ul style="list-style-type: none"> • Reactivation of the infrastructure at Bivio Cantieri • Reactivation of the railway yard node at Aquilinia • Reactivation of the railway line Transalpina to/from Villa Opicina station with the Shuttle Service • Service Shuttle from/to Port of Trieste/Cervignano • New railway link to the Logistics Platform 	17,000
2020	<ul style="list-style-type: none"> • Reactivation of the railway connection Aquilinia-Wärtsilä • Reactivation of rail tracks in the Port Industrial area (ex-EZIT) 	18,000
2023	<ul style="list-style-type: none"> • Upgrade of the railway infrastructures of the Port of Trieste: <ul style="list-style-type: none"> - New layout of the railway tracks in the port shunting area with 750m-long trains, thus increasing the train length by 35%; - New automatic signalling system; - New SW and HW interfaces as to streamline rail freight flows; - Technological enhancement of the railway lines directed to/from the Port of Trieste and Tarvisio as well as Port of Trieste to /from Villa Opicina. 	25,000

The layout of the Port

Surface: 2.3 mln square meters
Free Port area: 1.8 mln square meters
Port berths: 12 km
Storage areas: 925,000 square meters



Old Free Zone



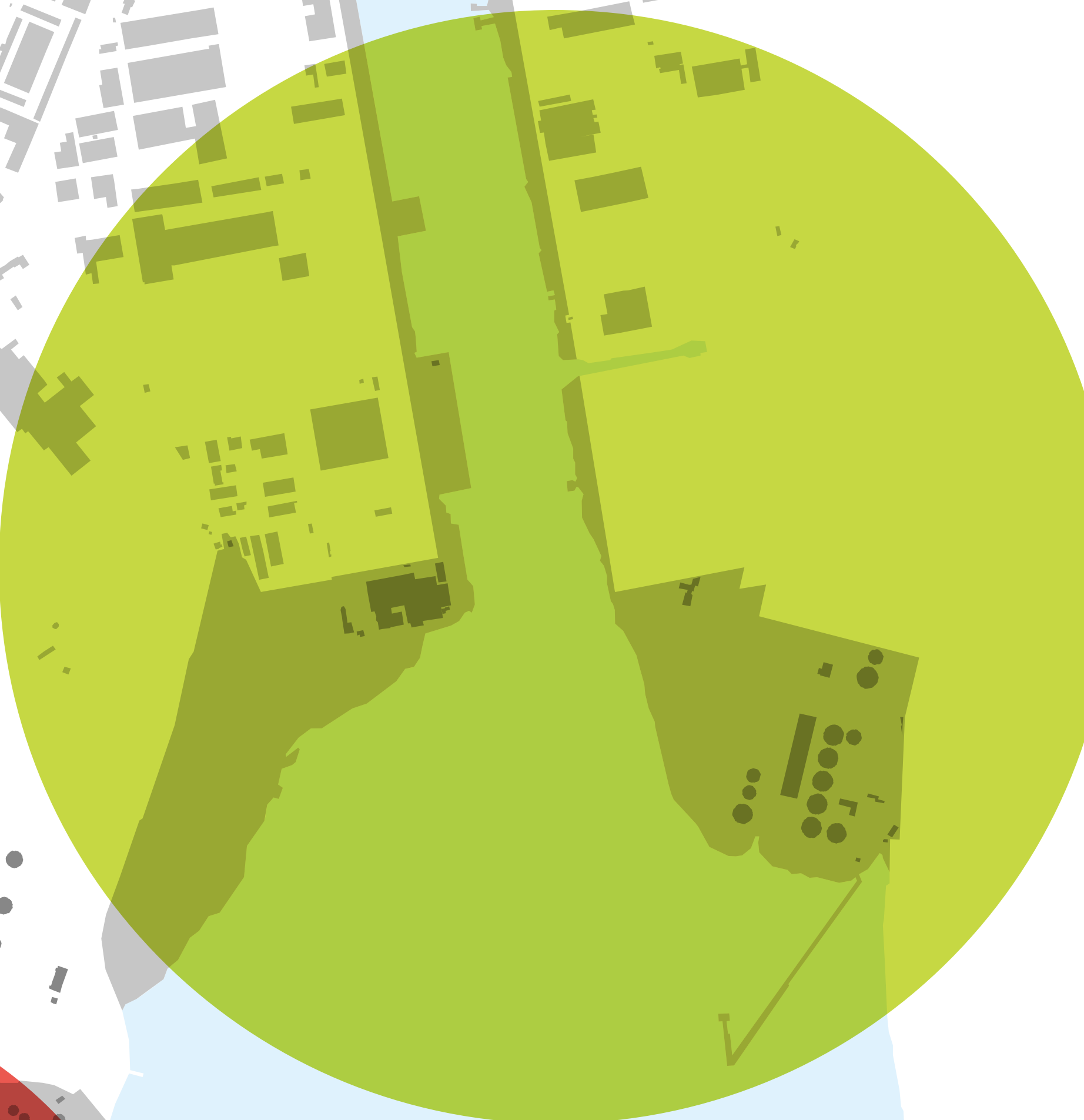
New Free Zone



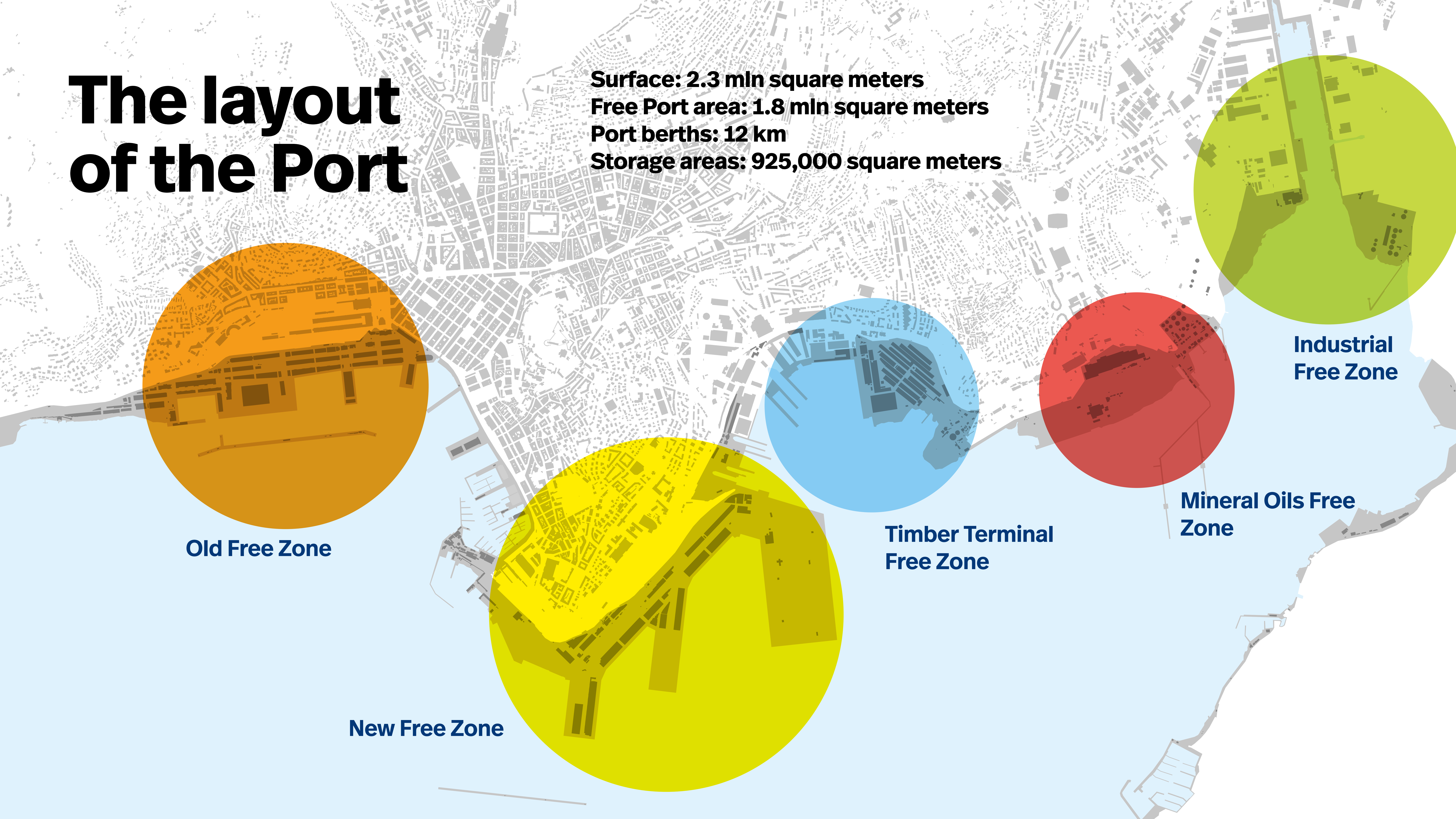
Timber Terminal Free Zone



Mineral Oils Free Zone

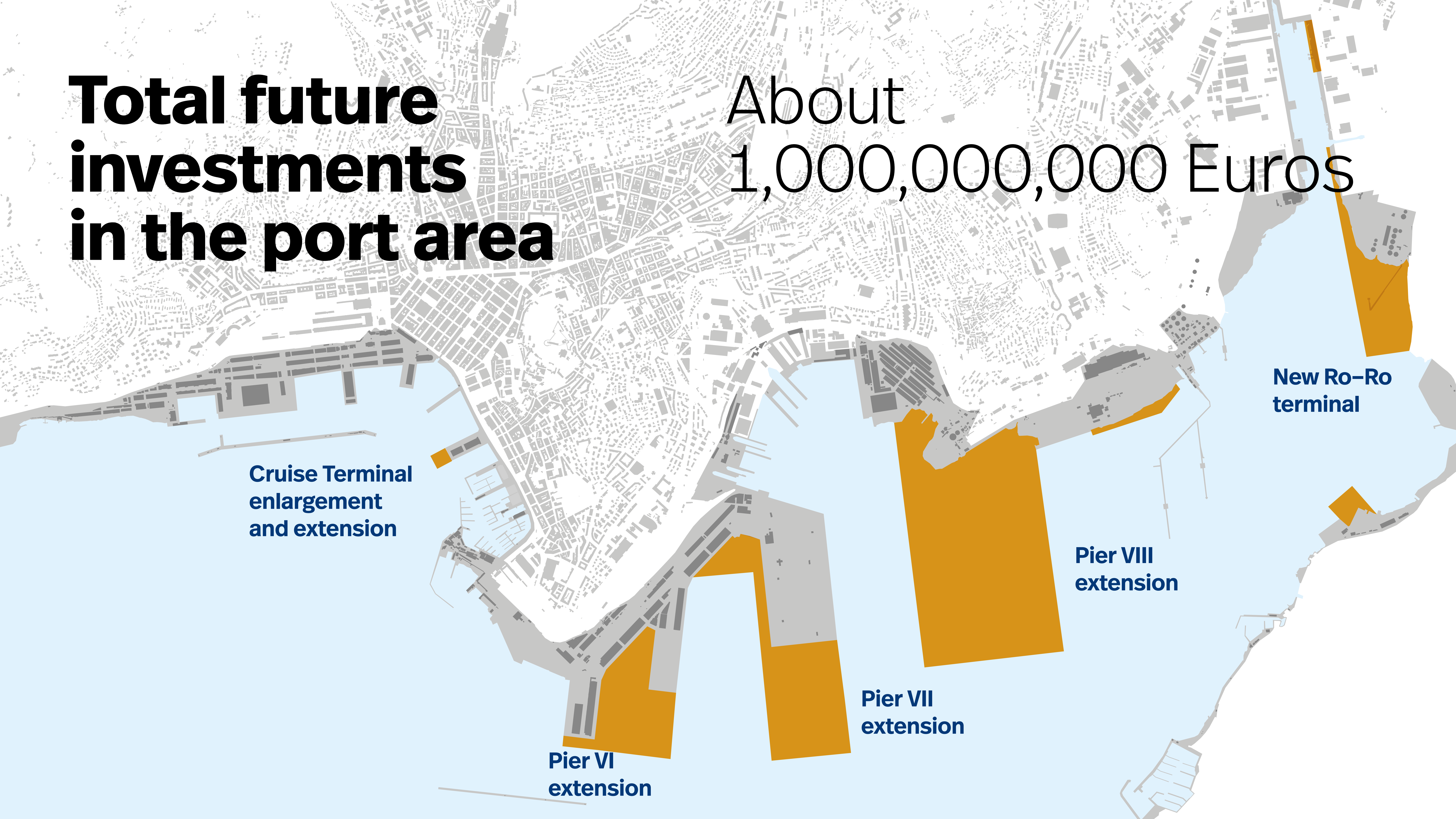


Industrial Free Zone



Total future investments in the port area

About 1,000,000,000 Euros



Cruise Terminal enlargement and extension

Pier VI extension

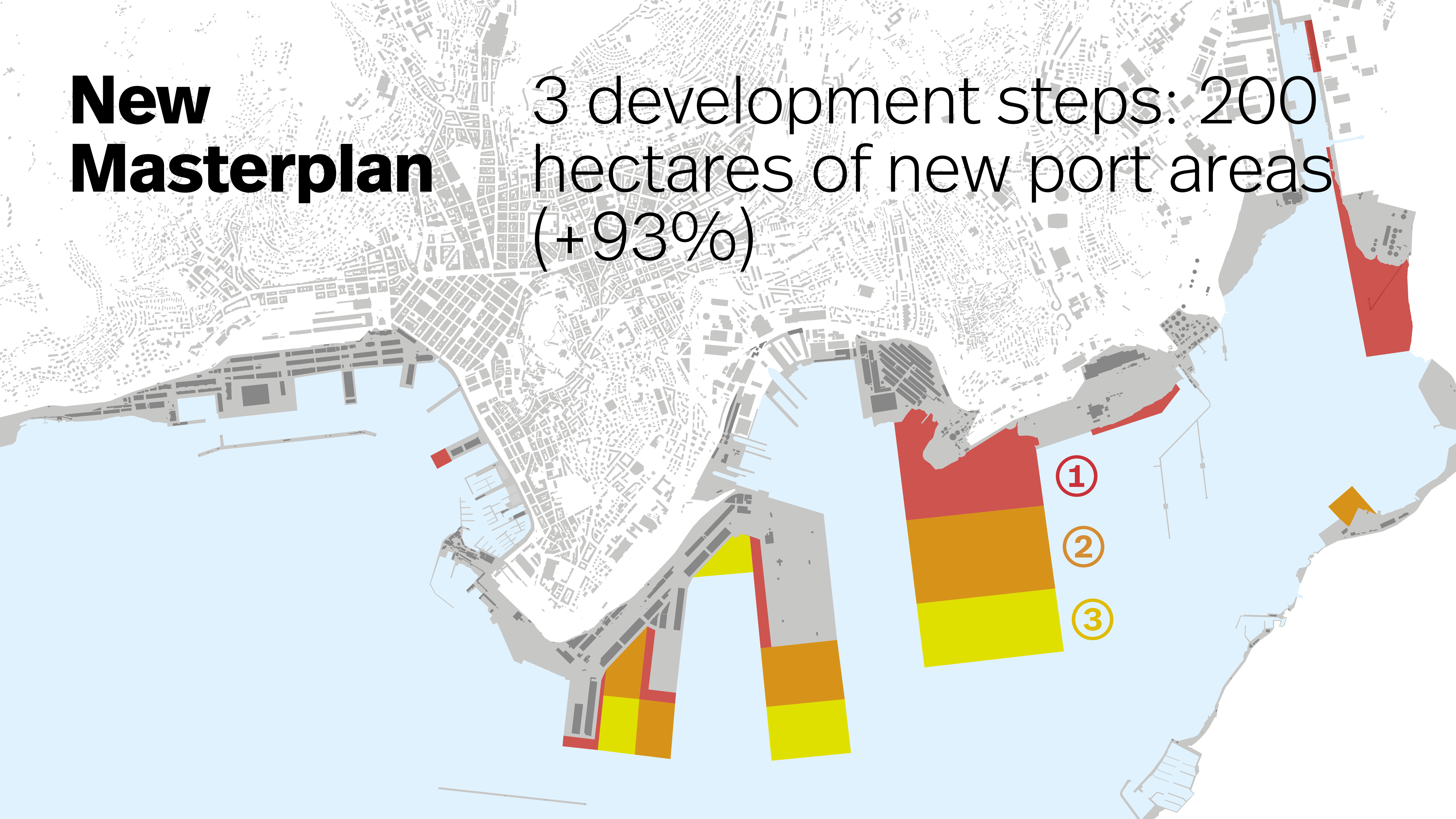
Pier VII extension

Pier VIII extension

New Ro-Ro terminal

New Masterplan

3 development steps: 200 hectares of new port areas (+93%)



FREEeste The New Industrial Free Zone in Trieste



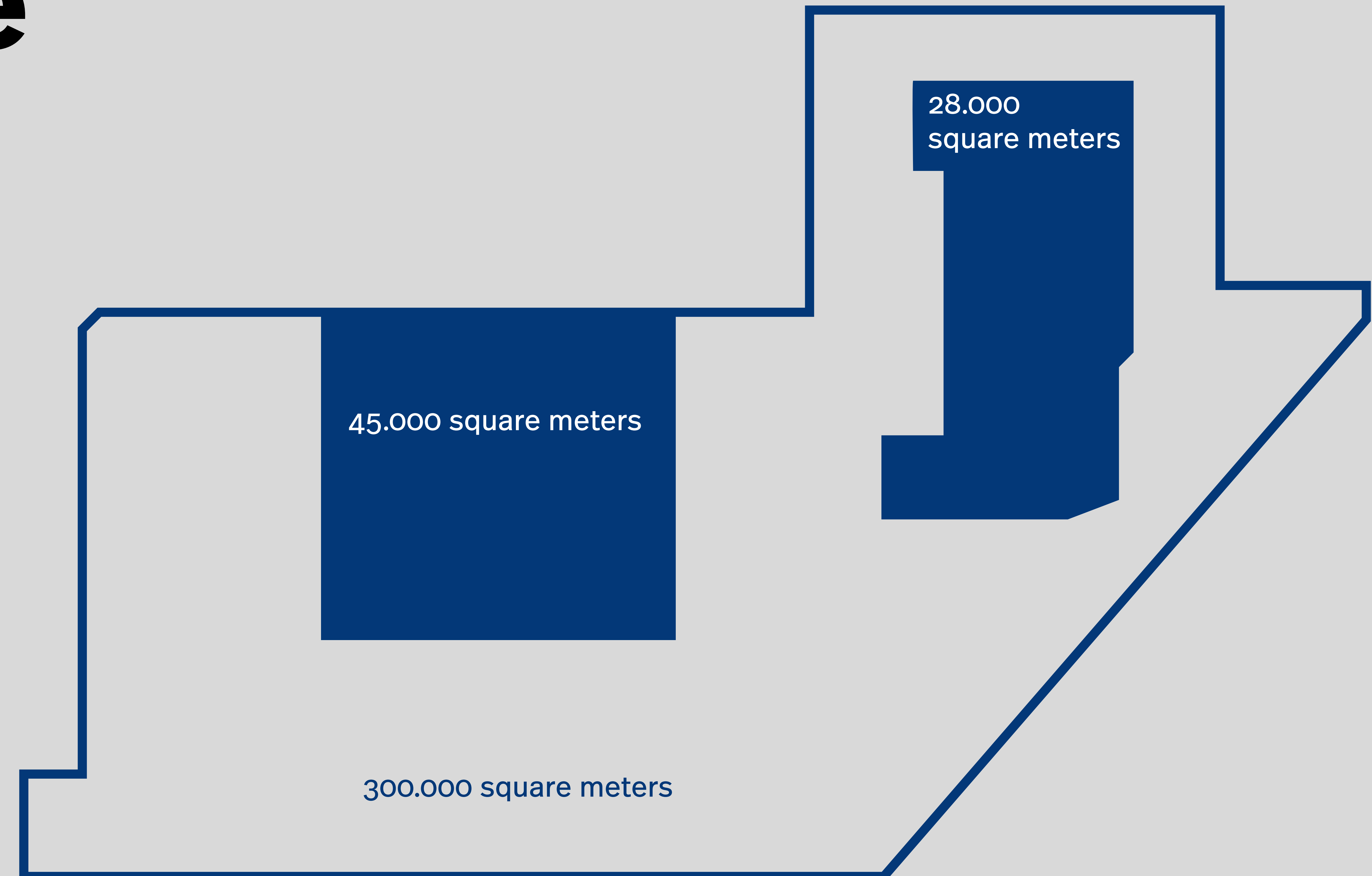
FREEeste



FREEeste

The New Industrial Free Zone in Trieste

- ① Logistics and warehousing in Free Zone
- ② Manufacturing and industrial activities in Free Zone
- ③ Railways and intermodal integrated terminal
- ④ Directly connected to the Free Zone of the port of Trieste through a customs corridor
- ⑤ Direct connection to the national motorway



Weekly direct services to/from the Far and Middle East

2M

MAERSK – MSC

Port rotation:
Busan
Shanghai
Ningbo
Shekou
Singapore
Port Said
Haifa
Trieste
Port Said
King Abdullah
Salalah
Tanjung Pelepas
Vung Tao
Shekou
Yantian
Shanghai

Ocean Alliance

CMA – COSCO –
EVERGREEN –OOCL

Port rotation:
Shanghai
Ningbo
Busan
Shekou
Singapore
Suez Canal
Port Said
Marsaxlokk
Trieste
Marsaxlokk
Damietta
Suez Canal
Jeddah
Port Kelang
Shekou
Shanghai
Ningbo
Busan

Full container vessel up to 14,000 TEUs

Full container vessel up to 7,000 TEUs

Other direct services to/from the Mediterranean Sea

<p>Med Services EVERGREEN – MSC – SEAGO LINE – MAERSK – CMA CGM</p>	<p>Alexandria Ashdod Beirut Damietta Gebze Gemlik Haifa Gioia Tauro Istanbul Izmir Limassol Malta Mersin Piraeus Port Said Tekirdag</p>
---	--

<h2>Ro-Ro Lines</h2>	
<p>EMT EKOL</p>	<p>Trieste – Istanbul – Haidarpasha (TR) Trieste – Izmir (TR) Trieste – Lavrio (Greece)</p>
<p>SAMER & Co. SHIPPING U.N. Ro-Ro – ULUSOY SEALINES</p>	<p>Trieste – Istanbul/Pendik (TR) Trieste – Istanbul/Ambarli (TR) Trieste – Çeşme (TR) Trieste – Mersin (TR)</p>

<h2>Ro-Pax Lines</h2>	
<p>GCT ADRIA FERRIES</p>	<p>Trieste – Durres (Albania)</p>

Beyond numbers

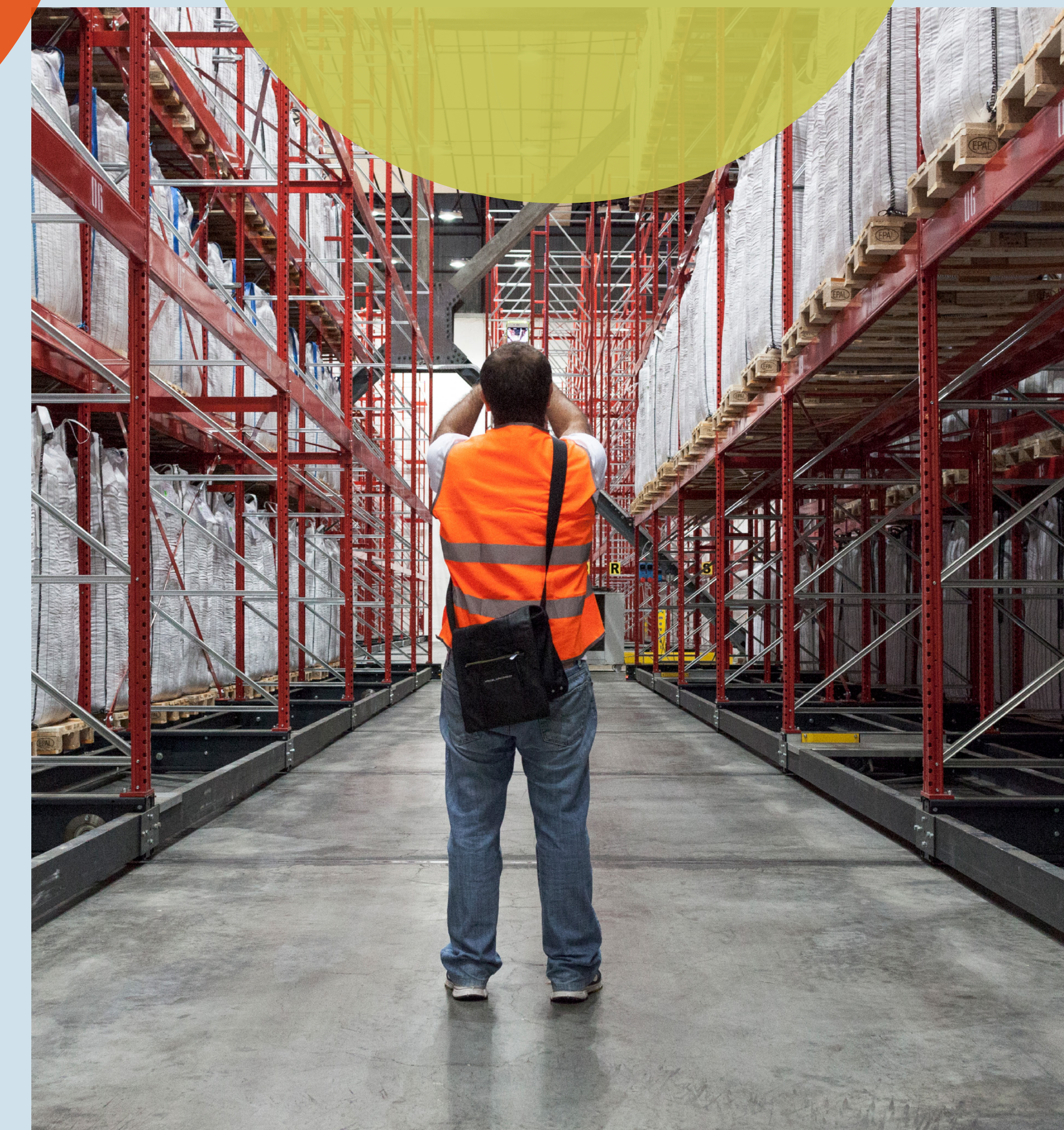
Social & environmental responsibility

People

Research & innovation

Future oriented agenda

Cultural heritage



**Thank you
for your
attention!**

www.porto.trieste.it

**E-mail:
info@porto.trieste.it**

**Follow us on Instagram
and Twitter:
[@PortodiTrieste](https://www.instagram.com/PortodiTrieste)**