



Economic Geography

Port & the City

121EC

A.Y. 2020/2021

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A port today – the Port of Trieste



1 000 m



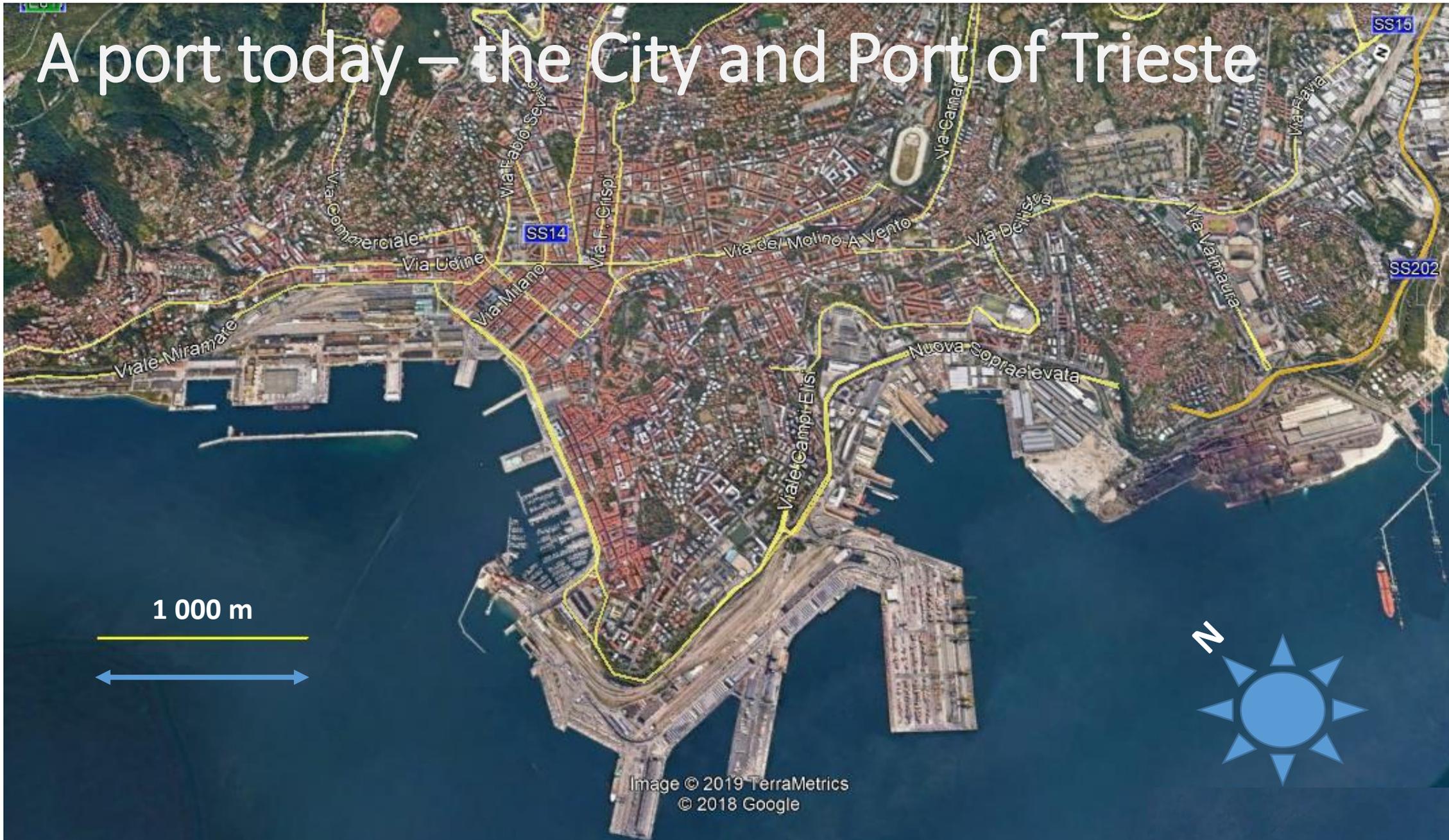
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Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google Earth



A port today – the City and Port of Trieste



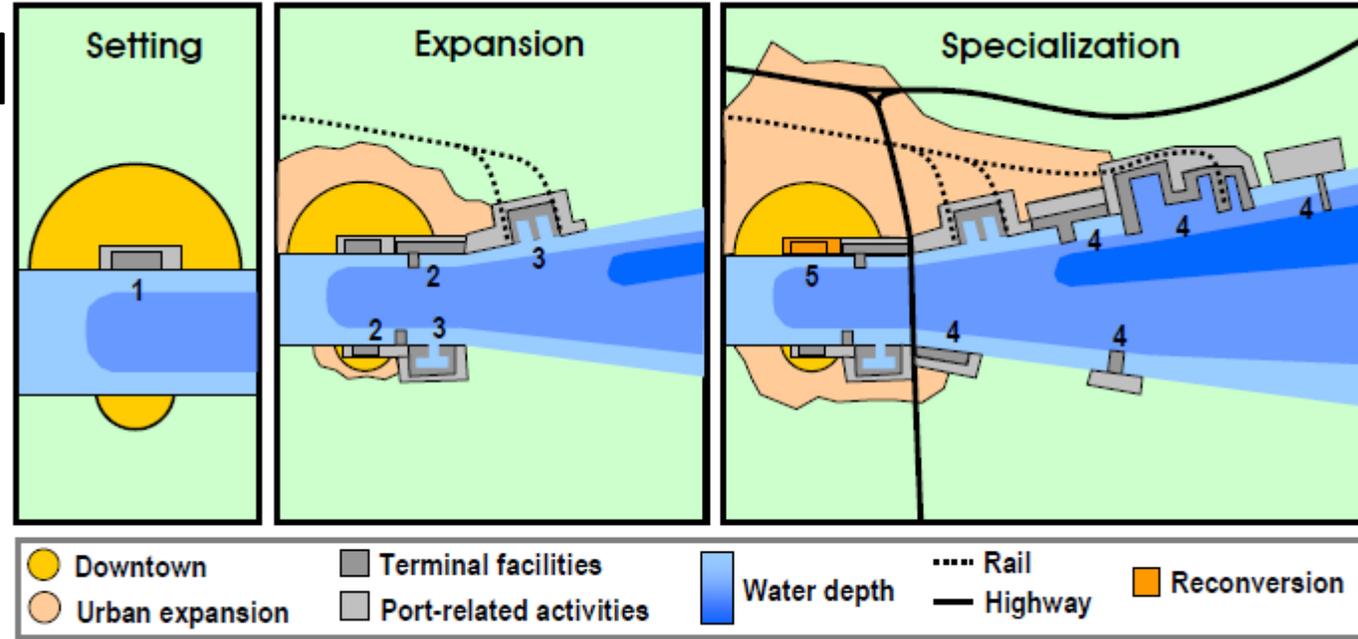
1 000 m



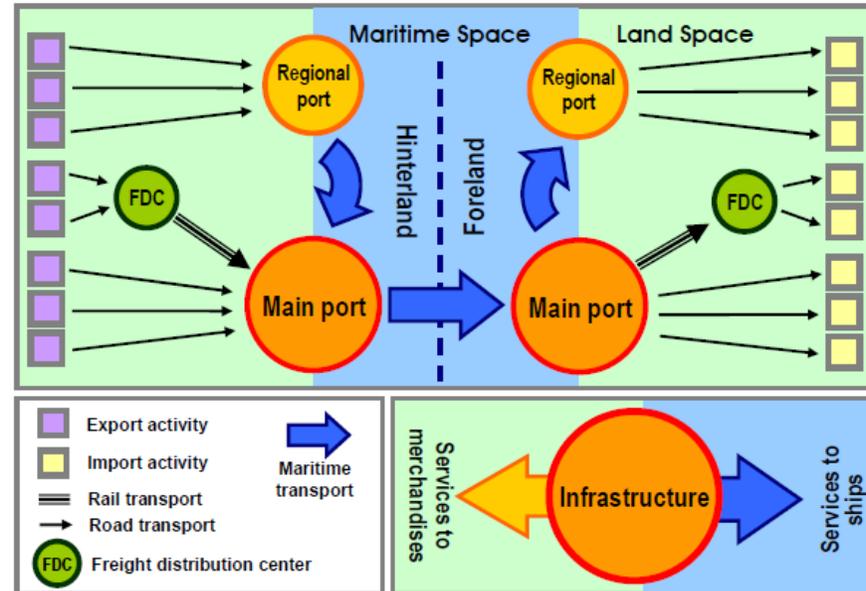
Image © 2019 TerraMetrics
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Evolutions

– city and port



The Evolution of a Port





1 000 m



Image © 2019 TerraMetrics
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**Rail infrastructure (station;
maneuvers; shunting)
(excluding rail trunks in piers)**

Molo V & VII (Piers 5th & 6th) – Multipurpose terminals



Molo V (Pier 5th) Samer Seaports & Terminals (Ro-Ro) Terminal Frutta (Fruit Terminal)



Quay & warehouse



Dry bulk carrier



Dedicated warehouses



Ro-Ro Terminal



Fruit Terminal

Termina V Multipurpose Ro-Ro Terminal



Ro-Ro Ferry Terminals and transport means



Ro-Ro Terminal

Semitrailer



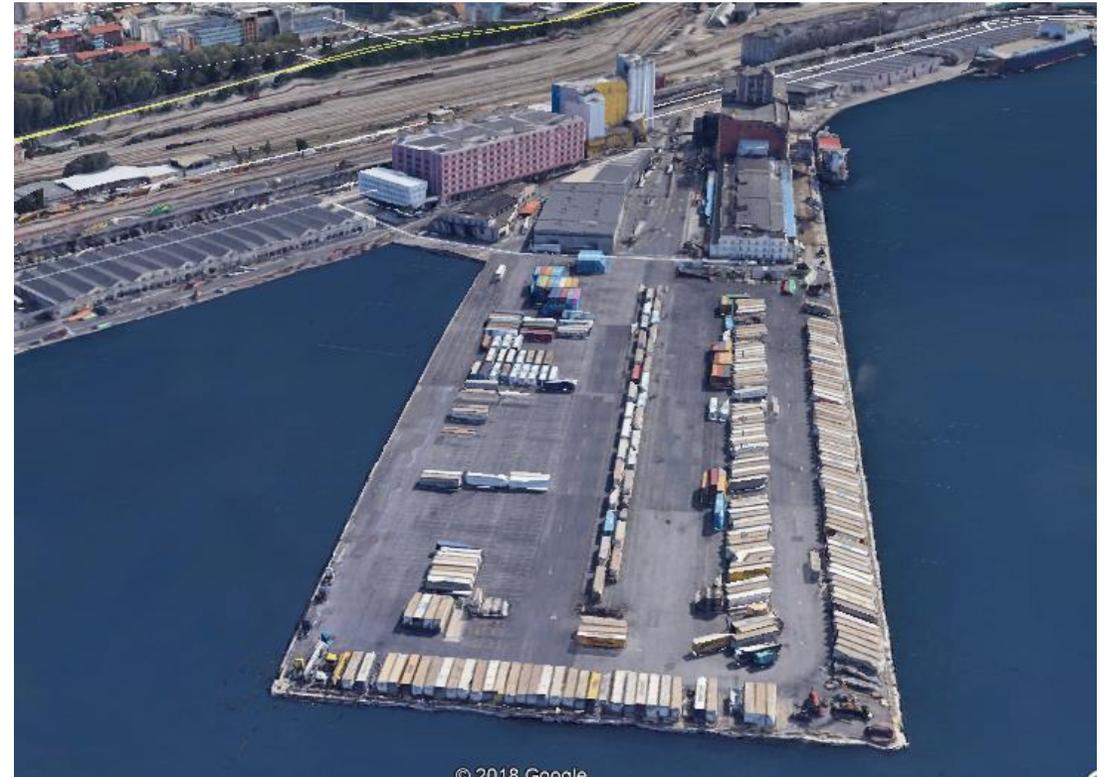
Ro-Ro Ferry

Molo VI (Pier 6th)

Francesco Parisi (Europa Multipurpose Terminals) – Ekol
Terminal Cereali (Cereals Terminal)

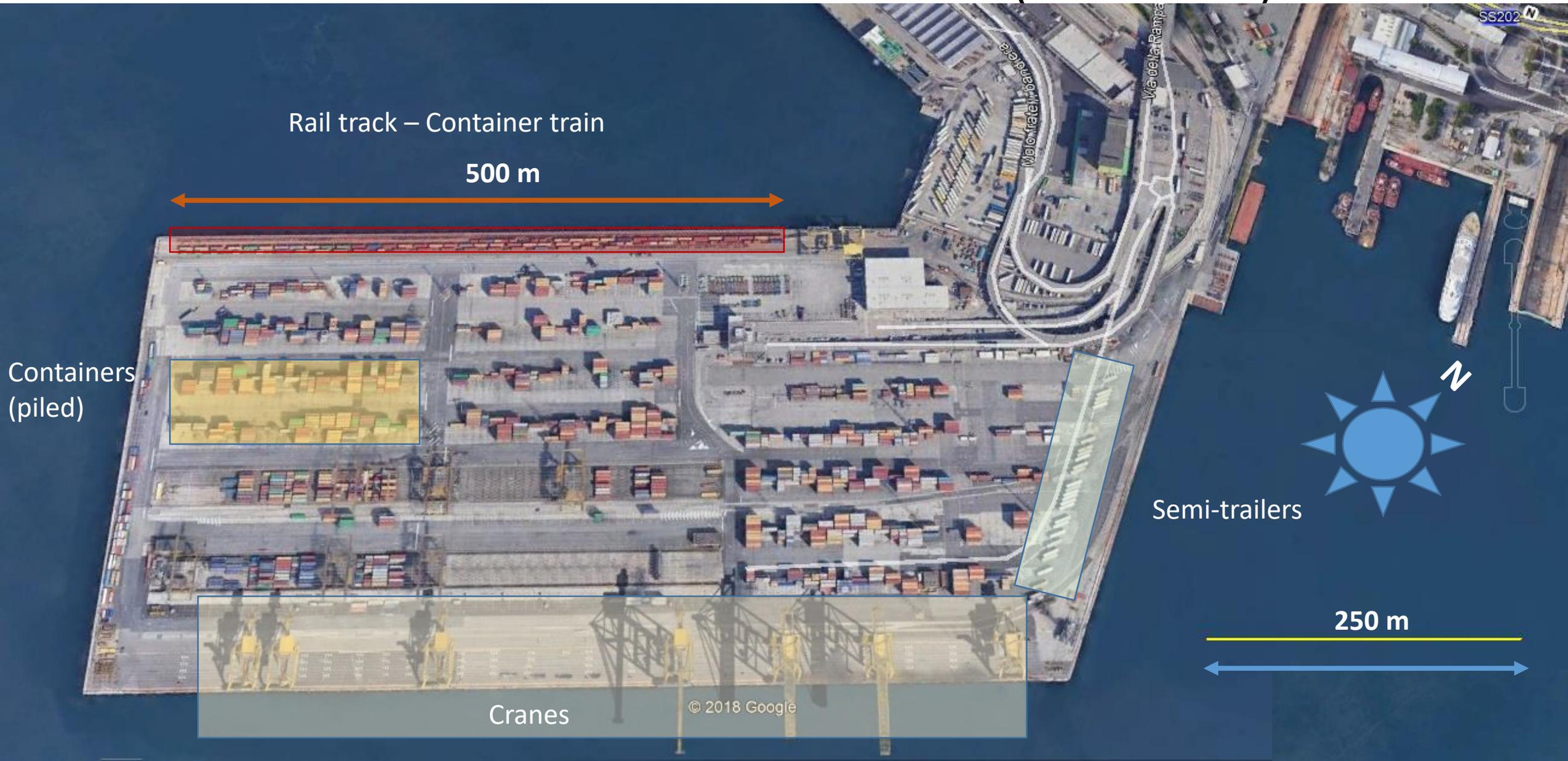


From old warehouses.....



...to modern quays

Container terminal «Molo VII» (7th Pier)



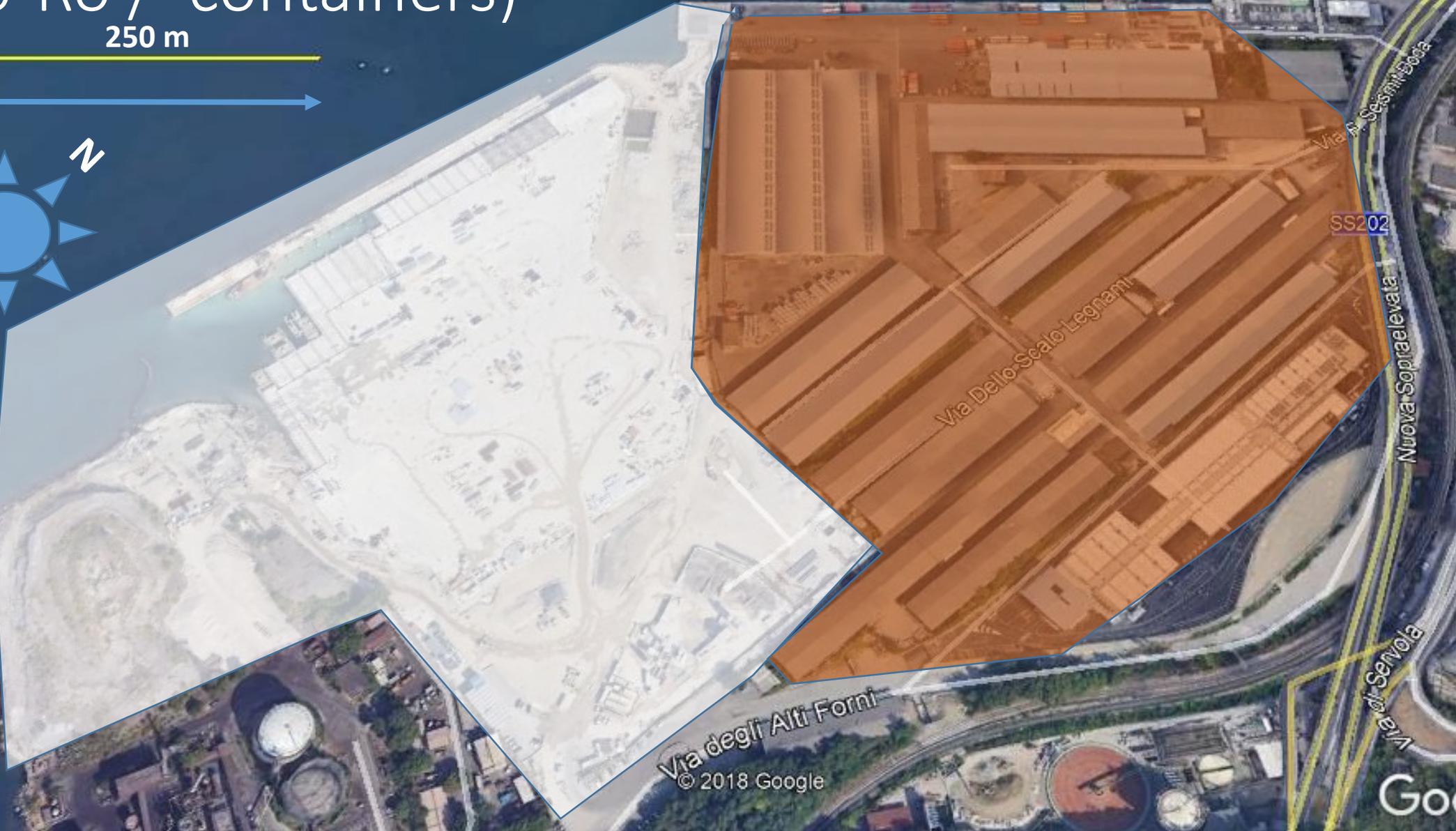
Pier VII Container Terminal



Multipurpose platform
(Ro-Ro / containers)

Wood Terminal

250 m



Go

Logistic platform – planned

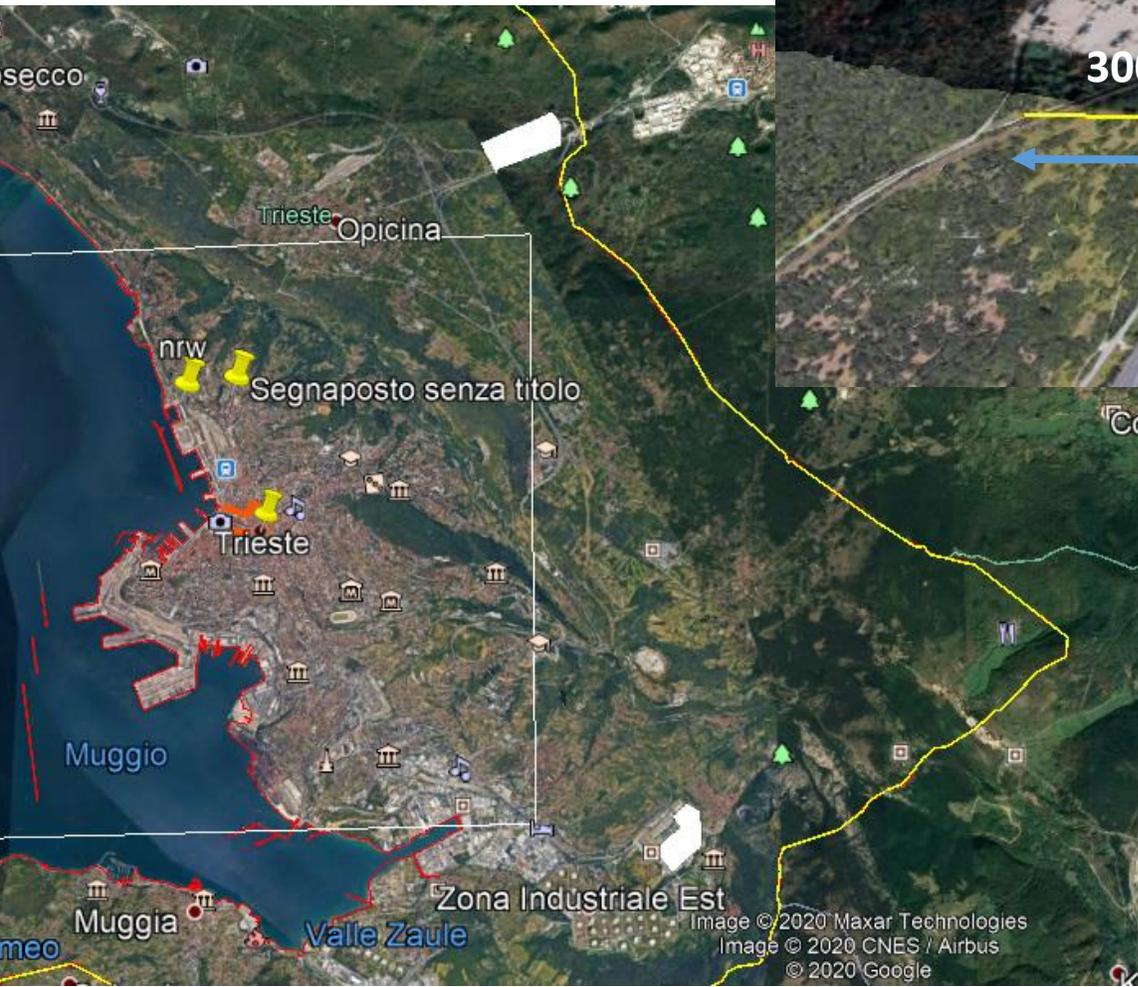


Wood Terminal

- Wood and not only wood....
-non ferrous metals



Dry ports

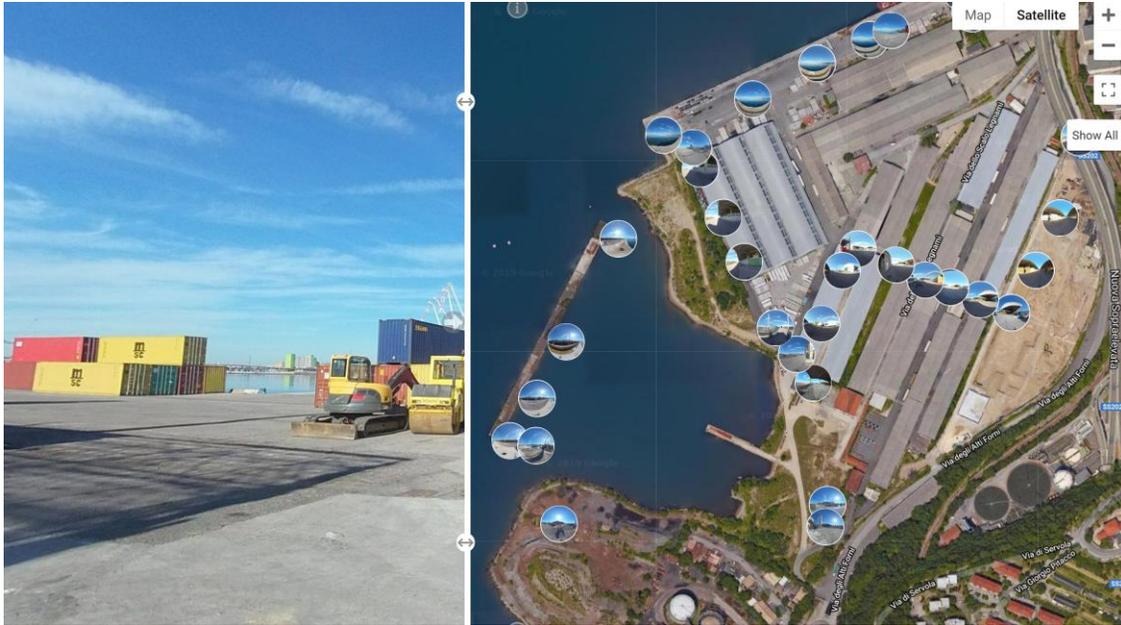


Fernetti Terminal

	Logistics	Rail services	Truck services
Details on available infrastructures	<ul style="list-style-type: none"> • 130,000 sqm of open areas • 32,000 sqm of warehouses (national, foreign, ADR, HACCP, VAT) • 3,000 sqm of roofed areas 	<ul style="list-style-type: none"> • North Lines: 3 tracks (450 m) • South Lines: 3 tracks (450 m) • Private railway line • Connection to the national railway network 	<ul style="list-style-type: none"> • Dry port gate • Large parking area • Motorway connection • Custom offices • Operators offices
Services	<ul style="list-style-type: none"> • Loading and unloading of goods • Storage, assembly and handling of goods • Groupage consolidation and deconsolidation • Handling containers, swap bodies, megatrailers, heavy lifts • Armed security guard 24H 	<ul style="list-style-type: none"> • RO-LA service • General cargo or intermodal train service • Intermodal service 	<ul style="list-style-type: none"> • Gate dedicated to the flow of vehicles boarding the ro-ro ferries departing from the Port of Trieste • Services for drivers • Possibility to carry out customs operations c/o the Customs Offices and the forwarders operating
Origin/destination of the goods	<ul style="list-style-type: none"> • Eastern Europe • Central Europe (Austria and Bavaria) • North East Italy 	<ul style="list-style-type: none"> • Austria • Germany • Hungary • Poland • Other destinations in Europe 	<ul style="list-style-type: none"> • Turkey • Eastern Europe • Russia
Main sectors	<ul style="list-style-type: none"> • Textile machinery • Ferrous and non-ferrous materials • Forestry (various) 	<ul style="list-style-type: none"> • Ferrous and non-ferrous metals • New industrial vehicles • Forestry (various) 	<ul style="list-style-type: none"> • Various

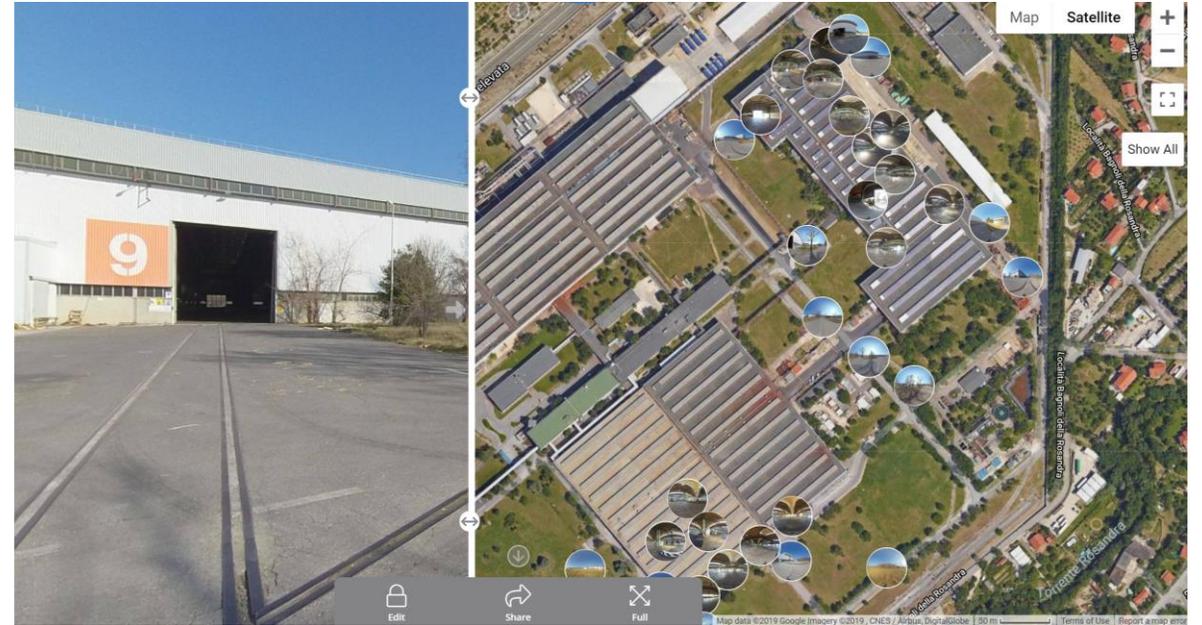
Courtesy: Fabio Predonzani, Interporto Trieste

360° Georeferenced photos



Logistic Platform

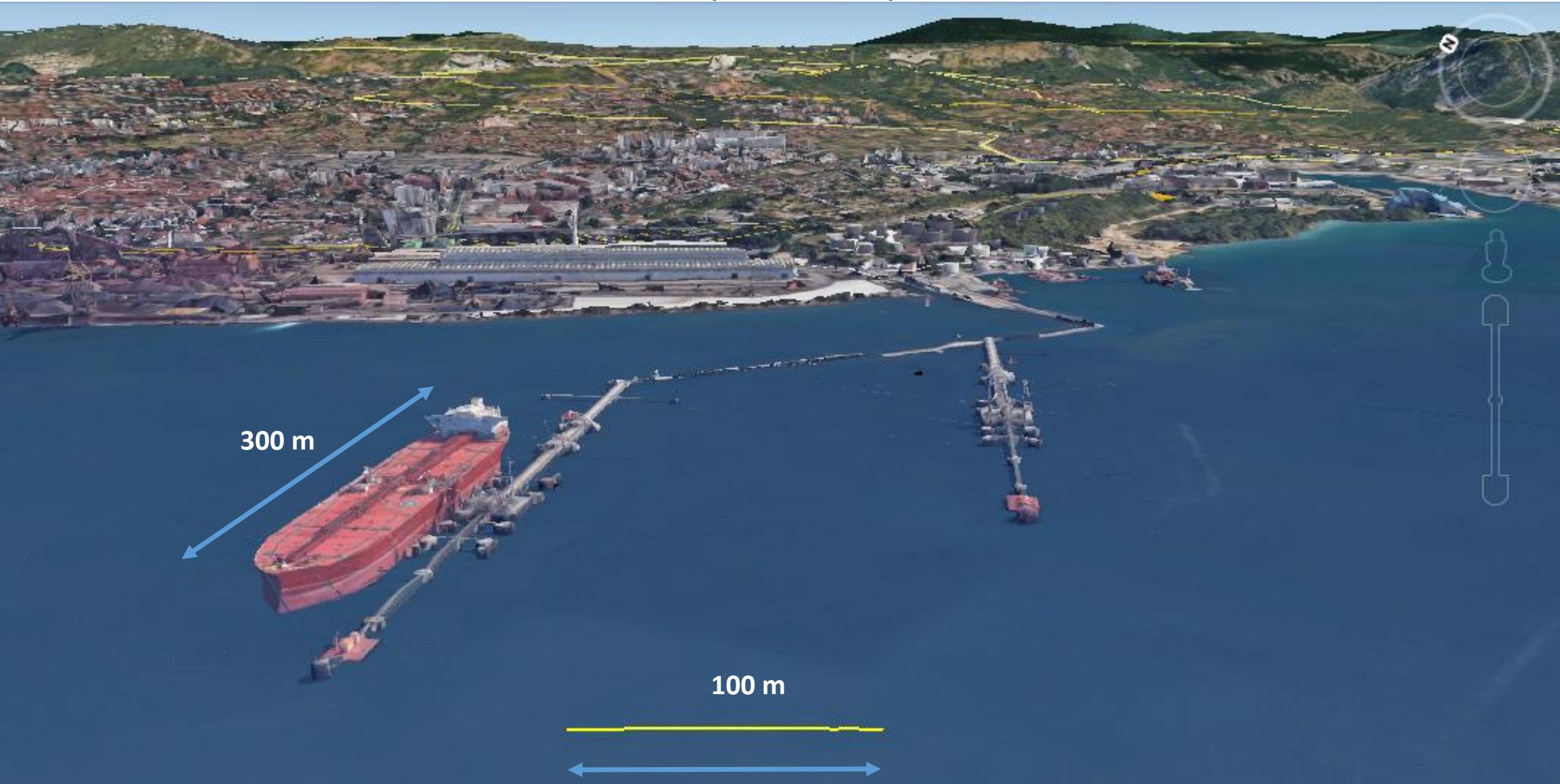
<https://seekbeak.com/v/vYD1GPOozby>



FreeEste – Free zone

<https://seekbeak.com/v/g531B7IEzBL>

SIOT Terminal - Transalpine Pipeline



Largest Ships by Category

Containership	<p>MSC Oscar (2015)</p> 	<p>LOA: 394 m Beam: 59 m Draft: 16 m TEU: 19,224</p>
Ultra Large Crude Carrier	<p>TI Europe (2003)</p> 	<p>LOA: 380 m Beam: 68 m Draft: 24.5 m DWT: 442,000 t</p>
Bulk Carrier	<p>MS Ore Brazil (2011)</p> 	<p>LOA: 362 m Beam: 65 m Draft: 23 m DWT: 402,000 t</p>
Cruise Ship	<p>Oasis of the Seas (2009)</p> 	<p>LOA: 362 m Beam: 60.5 m Draft: 9.3 m Passengers: 5,400</p>

Statistics 2017/2018

Port of Trieste

January / December	2017	2018	% change
Total tonnage	61,947,454	62,676,502	+1.18%
Liquid bulk	43,750,555	43,234,735	-1.18%
Dry bulk	1,639,595	1,665,508	+1.58%
General cargo	16,557,304	17,776,259	+7.36%
Number of vehicles (semitrailer / private and commercial vehicles)	314,705	309,424	-1.68%
Number of containers / TEUs of which number of full containers / TEUs	616,153 547,579	725,426 658,330	+17.73% +20.23%
Total TEUs* (TEUs, semitrailers, swap bodies)	1,314,950	1,416,104	+7.69%
Total trains (Industrial Port / New Free Port)	8,682	9,732	+12.09%

435.173
(hinterland)

291.341
(Transshipment)

*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



Autorità di Sistema Portuale
del Mare Adriatico Orientale
Porti di Trieste e Monfalcone

Statistics 2018/2019

Port of Trieste

January / December	2018	2019	% change
Total tonnage	62,676,502	61,997,445	-1.08%
Liquid bulk	43,234,735	43,349,423	+0.27%
Dry bulk	1,665,508	1,717,294	+3.11%
General cargo	17,776,259	16,930,728	-4.76%
Number of vehicles (semitrailer / private and commercial vehicles)	309,424	233,418	-24.56%
Number of containers / TEUs of which number of full containers / TEUs	725,426 658,330	789,594 699,570	+8.85% +6.26%
Total TEUs* (TEUs, semitrailers, swap bodies)	1,398,947	1,302,155	-6.92%
Total trains (Industrial Port / New Free Port)	9,733	9,771	+0.39%

485,274 (61,4%)
(Hinterland)

304,366 (39,6%)
(Transshipment)

*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

Italian port statistics

AUTORITÀ DI SISTEMA PORTUALE - MOVIMENTI PORTUALI
ANNO 2019

Autorità di Sistema Portuale	A		C				R4HC TOTALE Tonn	TEU			Uffici R4Fu Tonn	Passenger			
	Rinfuse Liquide Tonn	Rinfuse Solide Tonn	Mensile valore			TOTALE Tonn		"Inland" Tonn	"Sealand" Tonn	TOTALE Tonn		Local Tonn	Flagship Tonn	Cruise Tonn	TOTALE Tonn
			In container Tonn	R4Fu Tonn	Altre merci Tonn										
Mar Ligure Occidentale	21.001.000	6.047.041	20.285.702	10.040.401	1.209.234	46.440.487	87.101.000	2.201.000	310.201	3.000.017	600.100	-	2.600.001	2.010.270	4.617.201
Genova	18.201.000	2.201.000	24.000.000	8.000.000	810.000	34.000.000	80.000.000	2.000.000	210.000	2.810.000	510.000	-	2.300.000	1.810.000	3.320.000
Sanremo - Vado	2.800.000	2.800.000	6.285.702	2.040.401	399.234	9.620.237	7.100.000	200.000	1.000	190.017	90.100	-	100.001	200.270	1.297.201
Mar Ligure Orientale	2.100.000	1.047.370	14.479.070	600.070	600.710	16.720.000	10.000.000	1.000.000	104.170	1.400.007	10.000	-	600.000	600.000	600.000
La Spezia	2.100.000	1.047.370	14.479.070	600.070	600.710	16.720.000	10.000.000	1.000.000	104.170	1.400.007	10.000	-	600.000	600.000	600.000
Mar Tirreno Settentrionale	0.107.007	2.100.000	0.142.040	21.700.010	1.707.000	23.001.434	44.070.000	600.010	200.010	700.000	710.000	0.001.000	2.047.010	600.010	0.700.010
Livorno	0.107.007	2.100.000	0.142.040	21.700.010	1.707.000	23.001.434	44.070.000	600.010	200.010	700.000	710.000	0.001.000	2.047.010	600.010	0.700.010
Portofino/Rio Marina-Car	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar Tirreno Centrale Settentrionale	0.200.421	2.271.200	1.000.001	0.001.001	0.004	0.070.000	14.001.007	110.000	-	110.000	-	-	1.004.001	2.000.770	4.000.070
Civitavecchia	0.200.421	2.271.200	1.000.001	0.001.001	0.004	0.070.000	14.001.007	110.000	-	110.000	-	-	1.004.001	2.000.770	4.000.070
Portofino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Genoa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar Tirreno Centrale	0.400.004	1.200.004	11.000.000	10.070.000	040.070	20.100.140	30.070.071	1.000.101	20.000	1.000.100	400.000	0.001.007	1.000.470	1.400.000	0.240.700
Agnoli	0.400.004	1.200.004	11.000.000	10.070.000	040.070	20.100.140	30.070.071	1.000.101	20.000	1.000.100	400.000	0.001.007	1.000.470	1.400.000	0.240.700
Salsomaggiore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadefiorino-R. Strada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A.P. di Gioia Tauro	00.000	000.000	00.001.000	000.000	-	00.004.000	00.700.000	-	2.000.070	2.000.070	001	-	-	0.104	0.104
Gioia Tauro	00.000	000.000	00.001.000	000.000	-	00.004.000	00.700.000	-	2.000.070	2.000.070	001	-	-	0.104	0.104
Catone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grigiana Calabria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sciancola di Pisciotta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Torre Maida	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stretto di Messina	17.000.000	100.000	-	0.000.000	-	0.000.000	24.000.001	-	-	-	000.071	11.070.000	00.001	000.000	10.407.707
A.P. Messina - porti di Messina/Messina Demersali	17.000.000	100.000	-	0.000.000	-	0.000.000	24.000.001	-	-	-	000.071	11.070.000	00.001	000.000	10.407.707
Stretto di Messina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stretto di Messina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar Ionio	4.000.000	0.170.000	-	-	4.010.000	4.010.000	10.100.171	-	-	-	-	-	-	0.000	0.000
Taranto	4.000.000	0.170.000	-	-	4.010.000	4.010.000	10.100.171	-	-	-	-	-	-	0.000	0.000
Mare Adriatico Settentrionale	2.040.440	0.040.000	071.000	0.000.000	204.007	0.040.000	10.000.200	00.740	-	00.740	204.004	-	1.710.010	700.000	2.400.001
Bari	1.000.000	0.000.000	000.000	0.000.000	000.000	0.000.000	00.000.000	00.000	-	00.000	200.000	-	1.000.000	000.000	000.000
Brunico	2.000.000	0.000.000	000.000	0.000.000	000.000	0.000.000	00.000.000	00.000	-	00.000	200.000	-	1.000.000	000.000	000.000
Monfalcone	100.000	0.000.000	000.000	0.000.000	000.000	0.000.000	00.000.000	00.000	-	00.000	200.000	-	1.000.000	000.000	000.000
Rovigo	200.000	0.000.000	000.000	0.000.000	000.000	0.000.000	00.000.000	00.000	-	00.000	200.000	-	1.000.000	000.000	000.000
Monfalcone	100.000	0.000.000	000.000	0.000.000	000.000	0.000.000	00.000.000	00.000	-	00.000	200.000	-	1.000.000	000.000	000.000
Mare Adriatico Centrale	4.000.474	040.000	1.000.107	4.000.001	-	0.000.100	11.000.000	170.100	-	170.100	140.074	-	1.100.000	101.001	1.200.070
Ancona-Falconara	4.000.474	040.000	1.000.107	4.000.001	-	0.000.100	11.000.000	170.100	-	170.100	140.074	-	1.100.000	101.001	1.200.070
Fano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Porto Torricelli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Benedetto del Tronto	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Osimo	070.000	000.000	000.000	0.000.000	-	0.000.000	00.000.000	00.000	-	00.000	000.000	-	000.000	000.000	000.000
Mare Adriatico Centro Settentrionale	4.000.000	11.107.700	2.000.000	1.000.707	0.000.100	10.000.100	20.000.000	217.001	007	210.100	00.000	-	000	10.074	17.000
Ravenna	4.000.000	11.107.700	2.000.000	1.000.707	0.000.100	10.000.100	20.000.000	217.001	007	210.100	00.000	-	000	10.074	17.000
Mare Adriatico Settentrionale	0.010.000	0.040.000	0.000.000	1.700.717	2.017.000	10.070.000	00.000.000	000.100	-	000.100	70.074	00.004	100.000	1.017.000	1.040.000
Venezia	0.010.000	0.040.000	0.000.000	1.700.717	2.017.000	10.070.000	00.000.000	000.100	-	000.100	70.074	00.004	100.000	1.017.000	1.040.000
Chioggia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mare Adriatico Orientale	40.000.000	4.000.000	0.004.000	0.700.000	0.000.000	10.074.000	00.000.070	000.070	004.000	700.004	227.000	-	10.000	100.000	204.000
Torino	40.000.000	4.000.000	0.004.000	0.700.000	0.000.000	10.074.000	00.000.070	000.070	004.000	700.004	227.000	-	10.000	100.000	204.000
Milano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mare di Sicilia Orientale	027.001	000.007	170.004	0.070.004	-	0.070.074	0.000.000	14.104	-	14.104	204.700	100.000	1.000.000	001.001	2.000.004
Palermo	027.001	000.007	170.004	0.070.004	-	0.070.074	0.000.000	14.104	-	14.104	204.700	100.000	1.000.000	001.001	2.000.004
Torino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Porto Empedocle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trapani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mare di Sicilia Orientale	20.000.004	1.000.007	000.000	7.000.000	000	0.070.000	20.000.001	00.170	-	00.170	200.000	104.700	-	200.000	040.100
Catania	20.000.004	1.000.007	000.000	7.000.000	000	0.070.000	20.000.001	00.170	-	00.170	200.000	104.700	-	200.000	040.100
Agrigento	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mare di Sardegna	27.070.700	4.000.001	000.001	10.000.000	0.000.000	10.070.070	00.000.000	110.001	00.004	101.000	007.770	1.100.000	4.004.700	007.007	0.000.100
Capitoli-Saragat	27.070.700	4.000.001	000.001	10.000.000	0.000.000	10.070.070	00.000.000	110.001	00.004	101.000	007.770	1.100.000	4.004.700	007.007	0.000.100
Olbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Porto Torres	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Golfo Arzieri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oristano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portofino-Portofino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Santa Teresa di Gallura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALE	170.001.004	60.700.700	111.107.000	100.000.000	22.071.000	340.001.000	470.001.000	7.107.000	0.070.000	7.170.00					

Bagnoli Terminal – FREEeste (and free trade zone benefits)

FREEeste Area - International Free Trade Zone of Trieste (<https://www.porto.trieste.it/eng/port/free-port>)

- Est. in 1719 - Dedicated only to the Trieste's Free Port Areas (According to the Annex VIII of the Paris peace Treaty – 1947)
- Free Port regime: third country origin goods will maintain their status as long as they are kept in the free port areas:
 - No transit documents (and related guarantees) to move the goods from the port to the customs warehouse
 - No duties to be paid as long as the goods stay in the free port area
 - No guarantee for the customs duties and VAT
 - No customs declaration for the storage of the goods in the free port areas
 - The storage is allowed for an unspecified period
- These advantages allows to manage a warehouse in the heart of Europe without unnecessary costs and provide a delivery of the goods in few days to the client (reseller or production plant): i.e.: long-time warehousing (also for trading purposes): non ferrous metals (e.g. London Metal Exchange), Coffee (LIFFE) etc.
- Great advantage for non EU goods, which has not yet been sold, but can be sold at the „most appropriate“ moment (and destined to an EU or non EU -Country).
- **IMPORT:** when goods are imported payment of duty and VAT to the import after 180 days at a special rate of interest (50% Euribor6M, floor 0,1%)
- **PROCESSING OF THE GOODS:**
 - processing without change of the goods customs classification: No VAT and duties to be paid on the gained value (e.g.: selection, sampling, labelling, drying and qualitative improvement in general)
 - processing with change of the goods customs classification: According to the recent Italian legislation (July 2017) the activity (incl. industrial production) is authorized by the President of the Free Port with the approval of the Customs Authorities

Courtesy: Fabio Predonzani, Interporto Trieste

Port of Trieste Development Plan

