

2023

해외물류시장 투자설명회

코퍼항 연계 내륙물류시장 동향 및 신규 사업 소개

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코퍼항만청

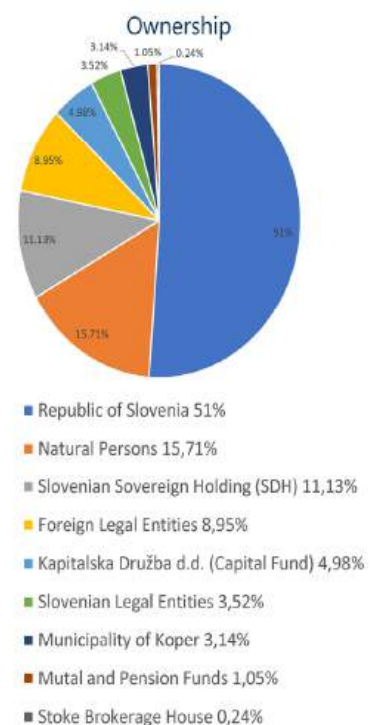






ABOUT THE COMPANY

- established in **1957**
- public limited company listed on the Ljubljana stock exchange
- over 1,700 employees (Luka Koper Group)
- concession granted for the management of the port area until 2043
- invests in infrastructure and suprastructure in the port area
- national spatial plan for the development of the port adopted in 2011

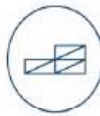




SIX DECADES OF DEVELOPMENT



MULTI-PURPOSE PORT



CONTAINERS

The largest terminal in the Adriatic



CARS AND RO-RO

Among top terminals in the Med



BREAK BULK

Diversity of products is the motto



PERISHABLES

Over 50 years of experience



COAL AND IRON ORE

Gateway for power and steel industry supply



PROJECT CARGOES

Big cranes and experienced staff



ALUMINA AND OTHER MINERALS

Specific facilities for raw materials



TIMBER

Top timber terminal in the region



LIVESTOCK

Export and staging point for cattle and sheep



LIQUID BULK

Handling fuels, chemicals and vegetable oils



CEREALS AND FODDER

Grains, seeds, soya and other agro-food products



PASSENGERS

Terminal located just 200 m from old city center

MARITIME THROUGHPUT 2022



23.238.355 tons + 12 %
2021/22

Total throughput



1.017.788 TEU

+ 2 %
2021/22



801.036 units

+ 22 %
2021/22



1.311.121 tons

+ 19 %
2021/22



6.239.783 tons

+ 12 %
2021/22

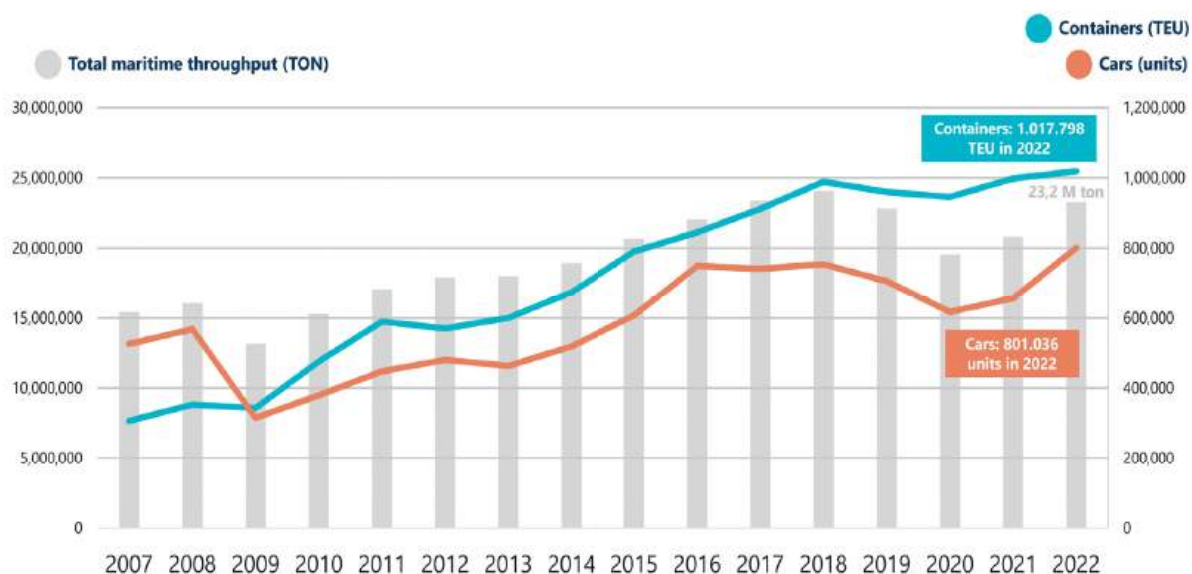


4.644.337 tons

+ 39 %
2021/22



MARITIME THROUGHPUT HISTORY



S. KOREAN TRAFFIC VIA PORT OF KOPER

Handling around 1,3 – 1,5 million tons of various South Korean cargo yearly (period 2020 – 2022)

Containers

120.000 – 150.000 TEU / year



12 – 15% of container terminal throughput

Steel products

400.000 – 500.000 tons/year



90 – 95% of total throughput (only steel products)

Cars

80.000 – 100.000 units / year



10% of total car and ro-ro terminal throughput

KOREAN COMPANIES WHO ALREADY RECOGNIZED THE ADVANTAGES OF THE TRANSPORT ROUTE VIA PORT OF KOPER



... any many more.

ROUTING OPTIMIZATION FOR A GREENER TRANSPORT

Koper vs Hamburg by sea. Comparison of CO₂ emissions: transport of one 40' container (20 tons) from Port Said

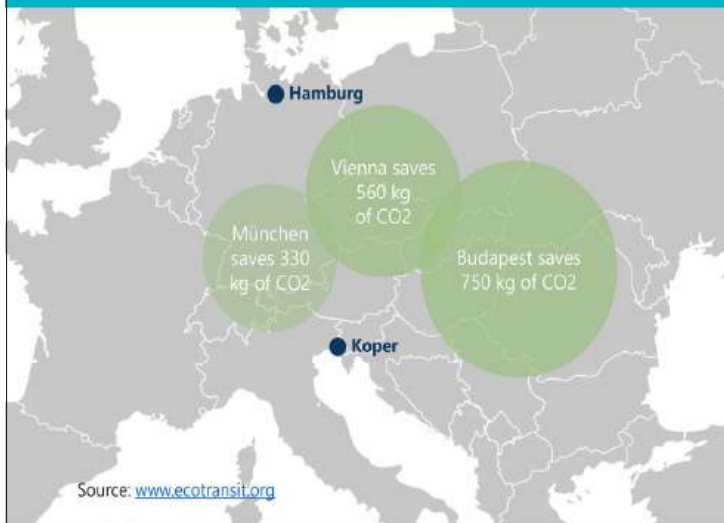
Port Said <-> Hamburg 6.609km / 1102 kg CO₂ emitted

Port Said <-> Koper 2.468 km / 415 kg CO₂ emitted

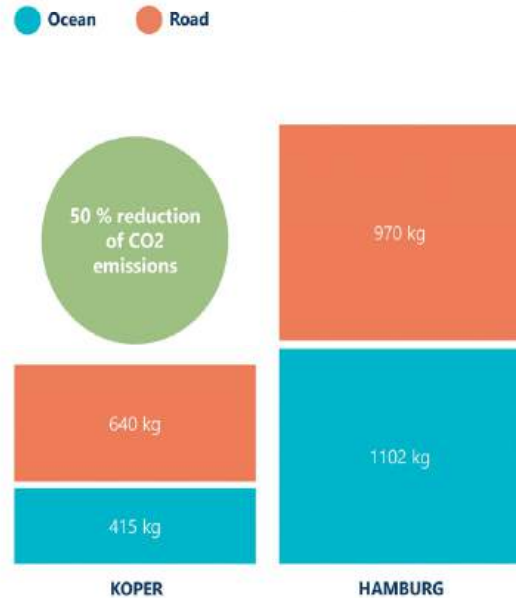
Source: www.ecotransit.org

ROUTING OPTIMIZATION FOR A GREENER TRANSPORT

Comparison of CO₂ emissions: transport of one 40' container (20 tons) from Koper to München, Vienna or Budapest, Koper vs Hamburg by road



TOTAL CO₂ SAVING ON SEA & LAND: 1017 KG
(for München as final destination)



HINTERLAND MARKETS

Percentage of total maritime throughput (ton) in 2021, estimation



GENERAL CARGO TERMINAL

various metal products – plates, billets, tubes, ...

foodstuff; coffee, sugar, rice, ...

paper, cellulose, ...

139,400 m2 multi-purpose covered storage areas

possibility of storing on pallet racks and in divided storage blocks



GENERAL CARGO TERMINAL



various metal products – billets, tubes, ...

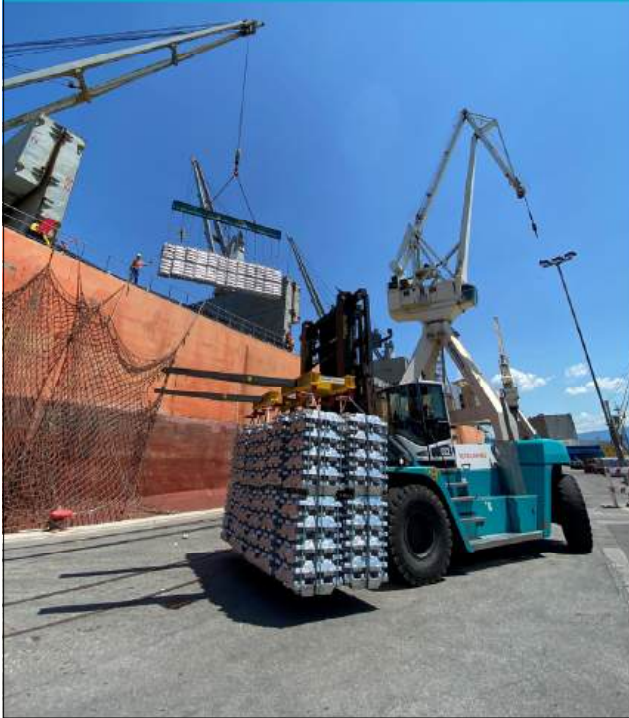


timber

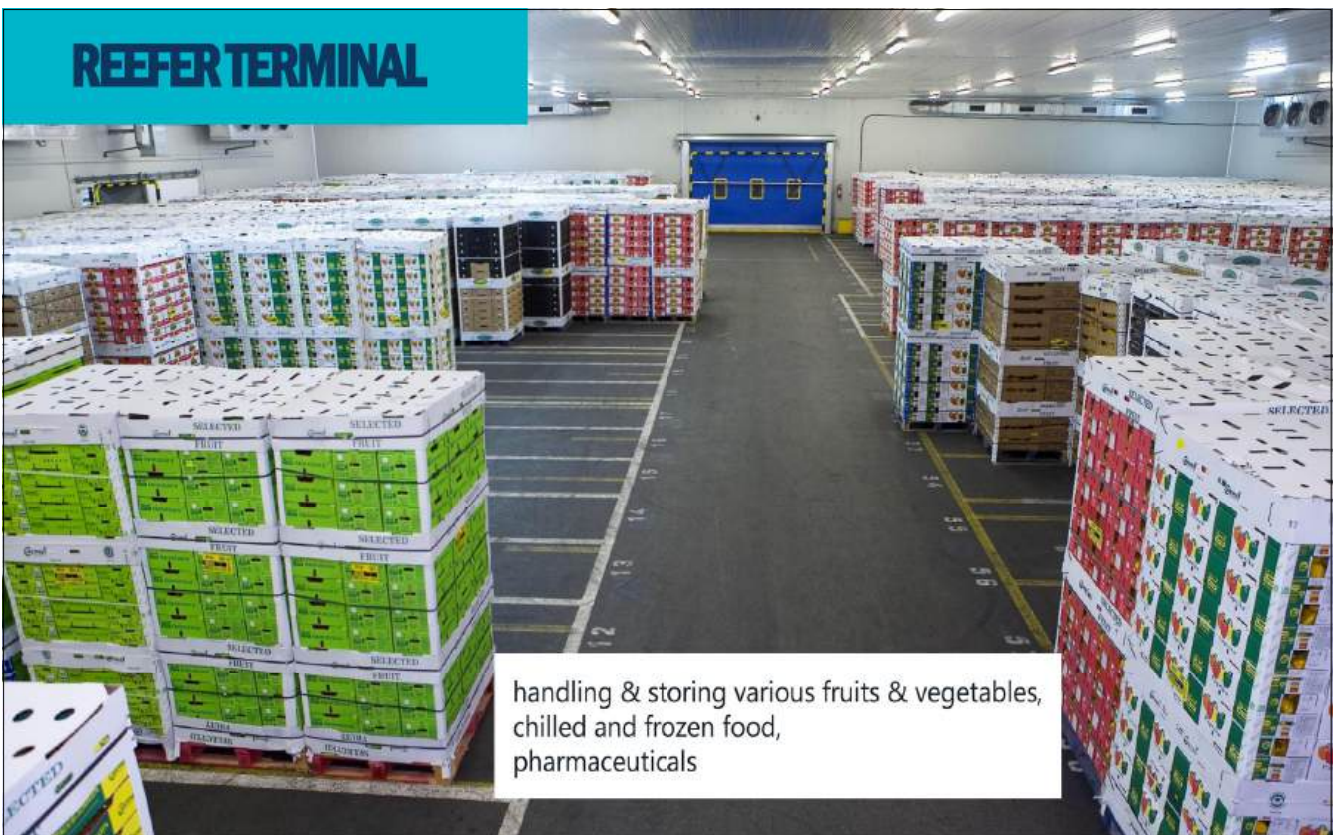


foodstuff; coffee, sugar, rice, ...

GENERAL CARGO TERMINAL



REEFER TERMINAL



handling & storing various fruits & vegetables,
chilled and frozen food,
pharmaceuticals

GENERAL CARGO TERMINAL CFS SERVICES

stuffing/stripping of containers, loading/discharging of vehicles

sorting, picking, packaging, labelling, prepackaging, sampling

palletizing, wrapping, lashing, ...

ensuring all methods of goods issue: FIFO, LIFO, ...

custom bounded warehouse

high service level + flexibility

modern handling equipment

no additional cost (i.e. empty container drop-off, transit doc,

insurance against all damages on the goods

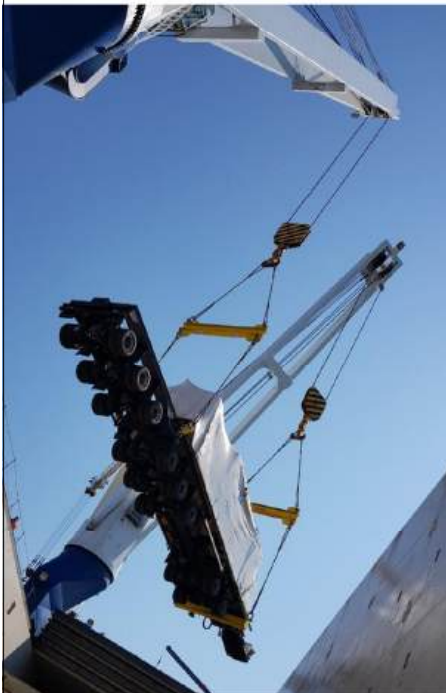
regular working time (Mon-Fri 06.15-21.15 hrs, Sat 6.15-13.45 hrs

Port of Koper neutrality



PROJECT CARGO TERMINAL

Lift-on/lift-off cargo handling on conventional and heavy-cargo vessels



PROJECT CARGO TERMINAL



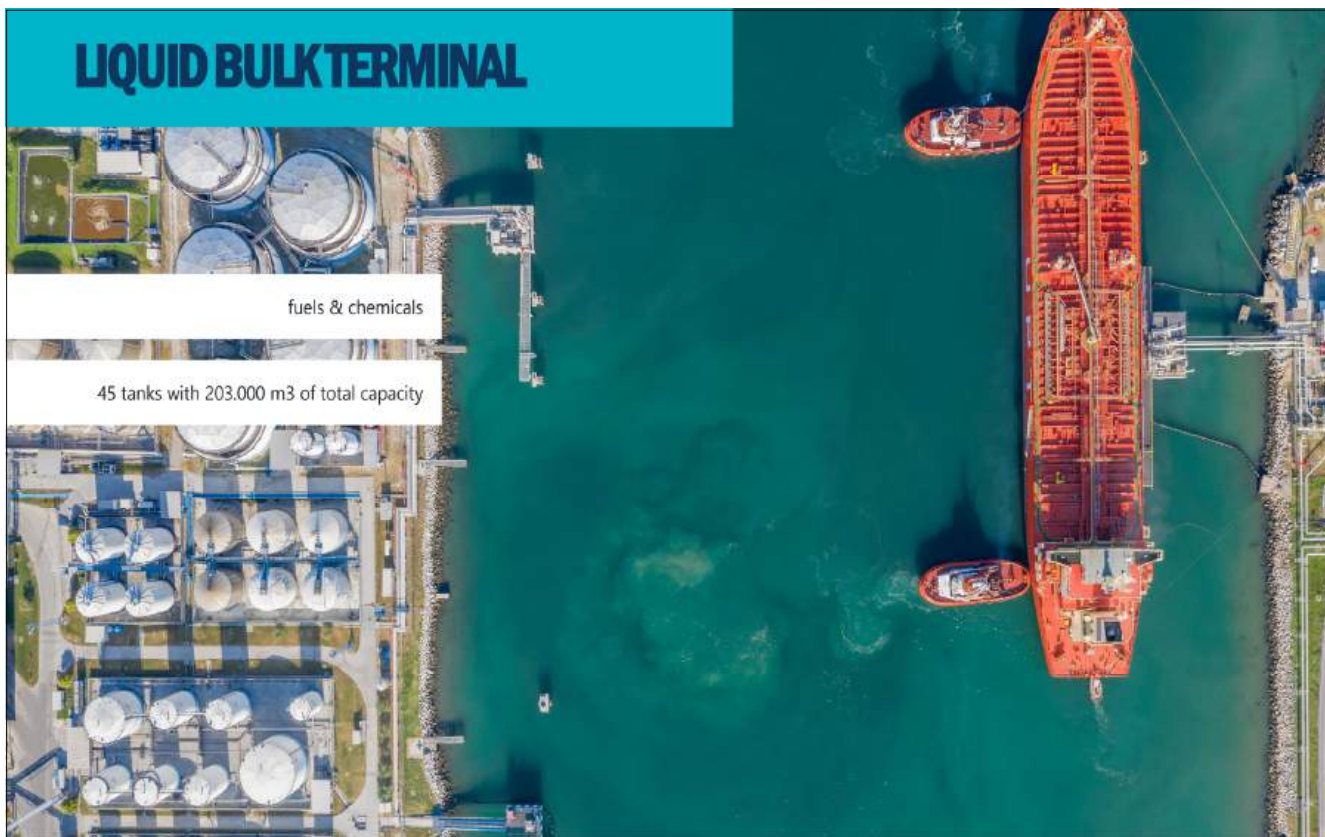
DRY BULK & SILO TERMINAL



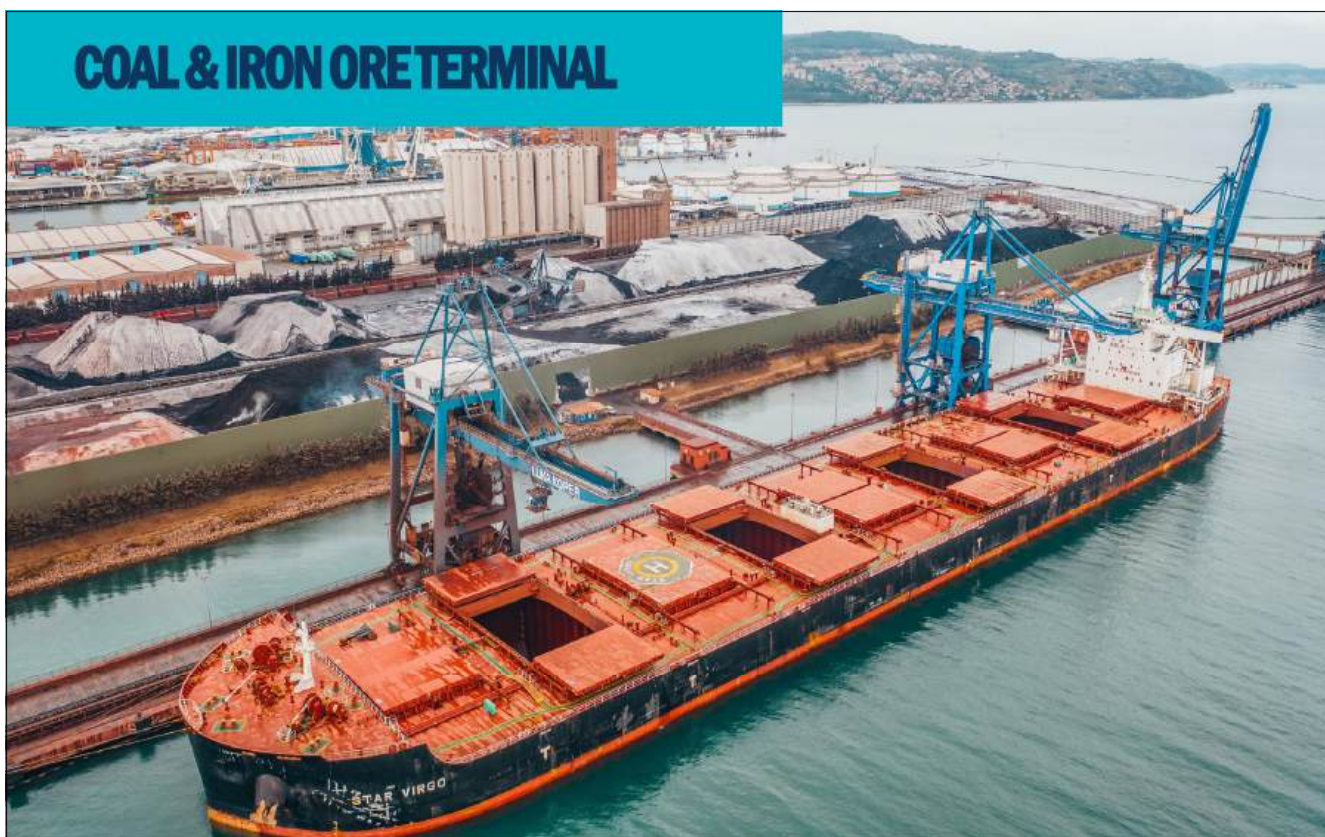
LIQUID BULK TERMINAL

fuels & chemicals

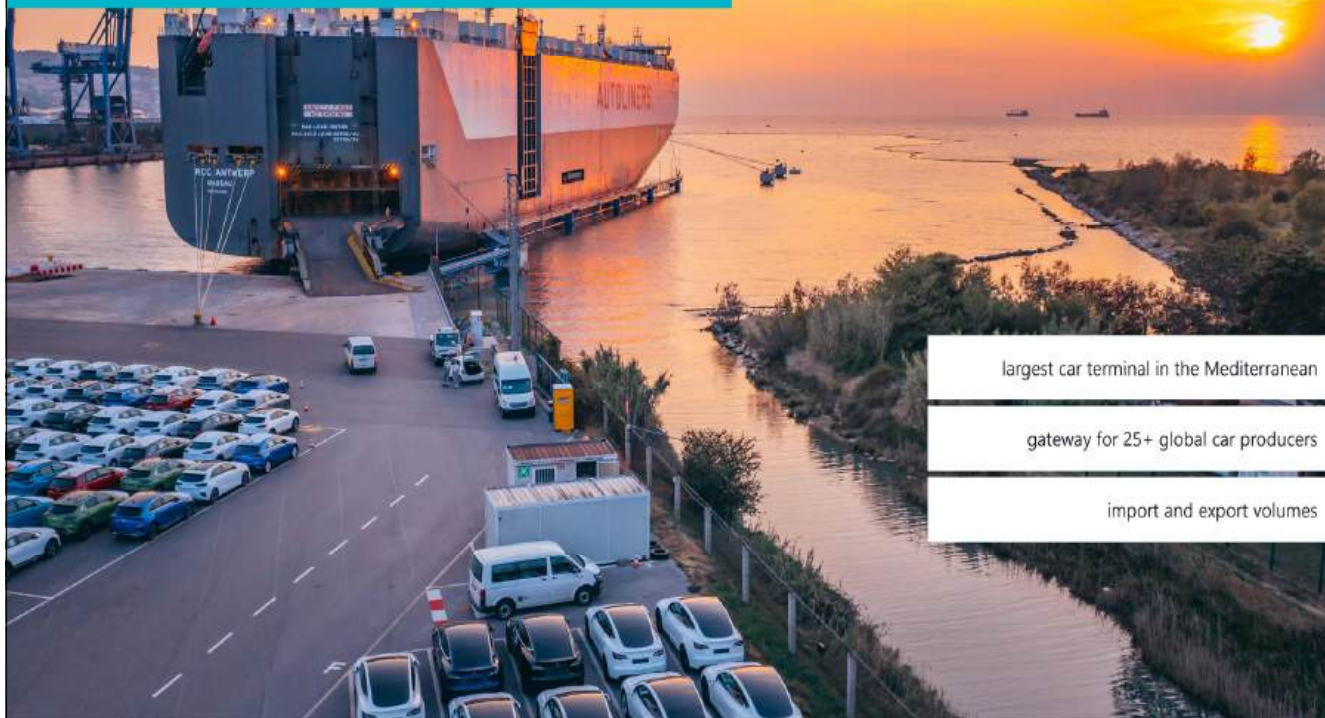
45 tanks with 203.000 m3 of total capacity



COAL & IRON ORE TERMINAL



CAR & RO-RO TERMINAL



largest car terminal in the Mediterranean

gateway for 25+ global car producers

import and export volumes

CAR & RO-RO TERMINAL



DEEP SEA RO-RO MARITIME CONNECTIONS

All major deep-sea shipping lines are calling Port of Koper and offer service to worldwide destinations:
Eukor, Glovis, Höegh, K-Line, MOL, NYK, WWL

REGULAR & DIRECT WEEKLY SERVICE TO FAR EAST WITH MOLACE

SINGAPORE transshipment for: Thailand, Indonesia, Malaysia, Vietnam, Taiwan, Australia, New Zealand and Brunei

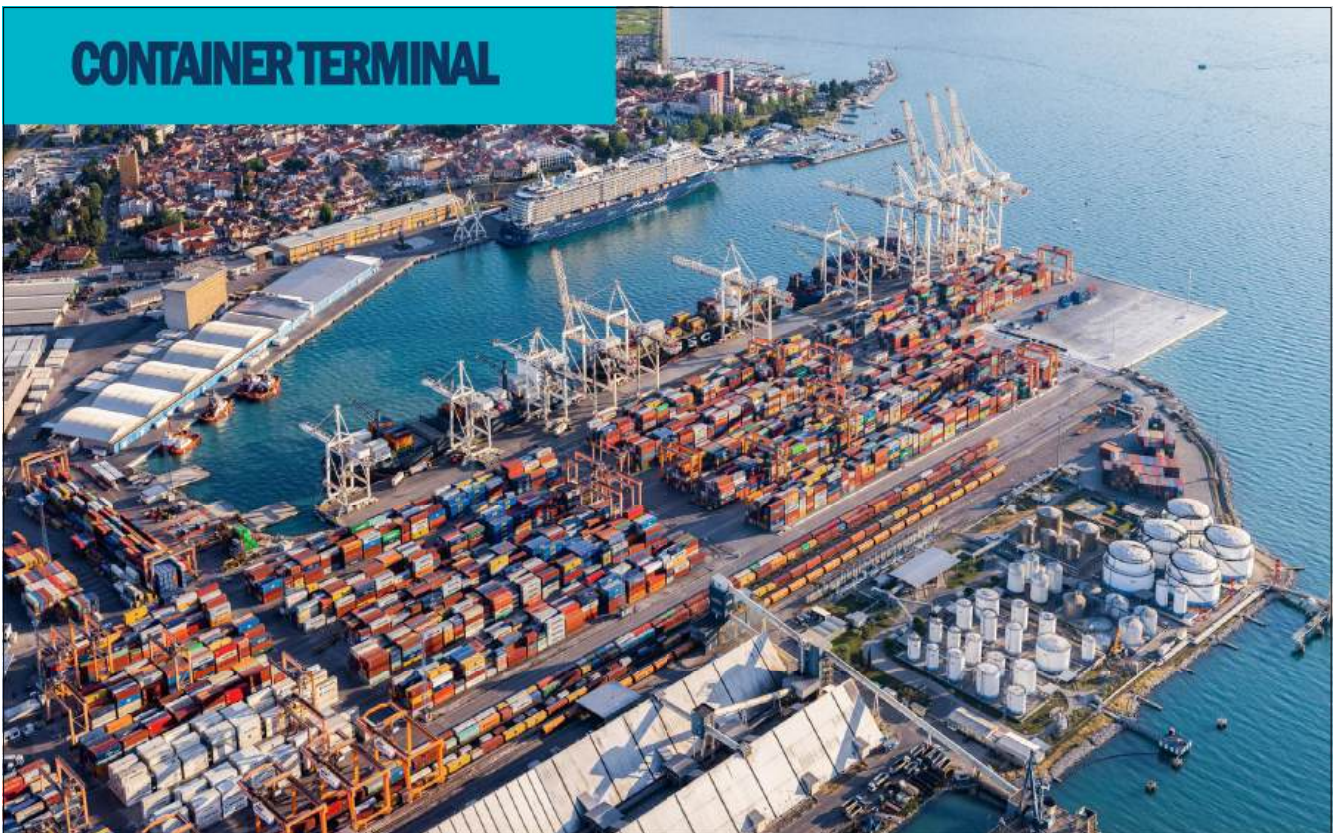
CHINA Hong Kong, Xinxia, Shanghai, Tianjin (Xin Gang)

SOUTH KOREA Pyeongtaek

JAPAN Toyohashi, Hitachi port



CONTAINER TERMINAL



CONTAINER TERMINAL



CONTAINER TERMINAL



DIRECT SERVICES FROM FAR-EAST

2M alliance

Maersk Line + MSC
> Koper as 1st port of call



Ocean alliance

CMA-CGM, COSCO, EVERGREEN, OOCL
> Koper as 1st port of call



Tailwind Shipping Lines

> Koper as the only port of call in the Adriatic



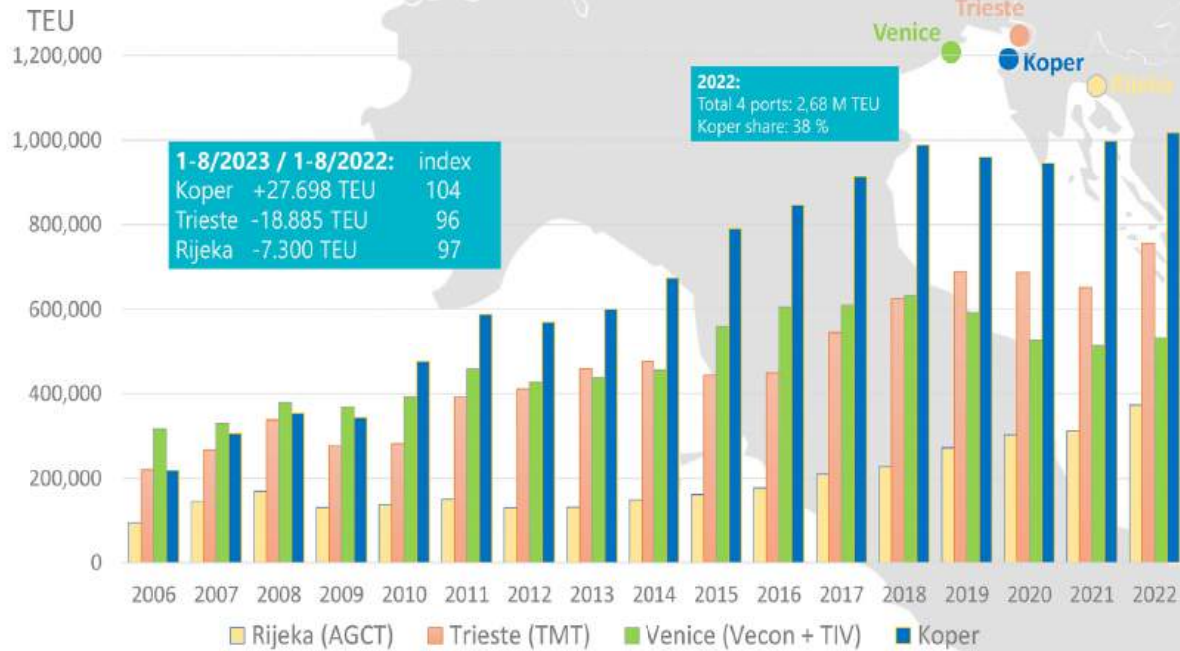
INTRA-MEDITERRANEAN AND FEEDER WEEKLY SERVICES



= Hub Port

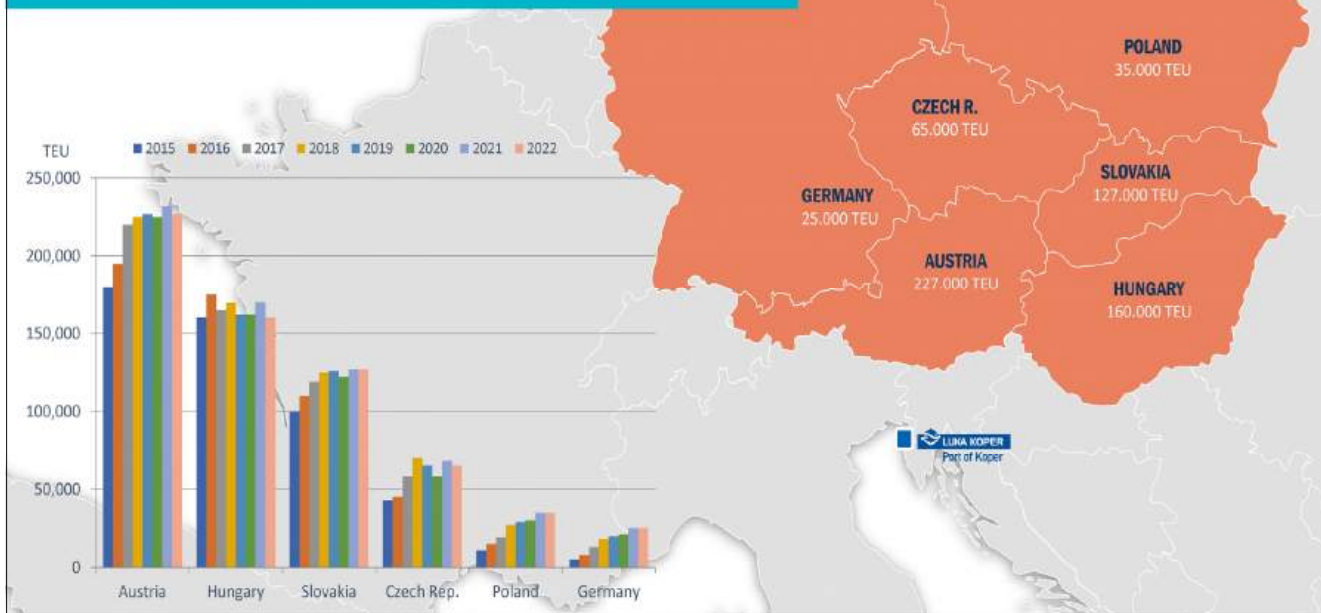
For details please visit
<https://luka-kp.si/eng/sailing-list/>

LEADING CONTAINER TERMINAL IN THE ADRIATIC



TOP 6 FOREIGN CONTAINER MARKETS

Full TEUs + stuffing + stripping in Koper, estimated yearly volumes



DEVELOPING EFFICIENT AND COMPETITIVE CONTAINER RAILWAY SERVICES

BLOCK CONTAINER TRAINS:

22-24 TRAINS/DAILY (AVERAGE 2021)

NEW CAPACITY ON THE TERMINAL: 30-32 TRAINS/DAILY

CONTAINER TERMINAL MODAL SPLIT



KOPER CONTAINER TERMINAL



REGULAR RAILWAY CONTAINER SERVICES

	DESTINATION	D=daily, W=weekly			
SLOVENIA	Koper – Ljubljana – Celje – Maribor (Adria Kombi)	2 D	SERBIA	Koper – Ljubljana – Belgrade (Adria Kombi)	3 W
GERMANY	Koper – München (Adria Kombi)	3 W	CROATIA	Koper – Ljubljana – Zagreb (Adria Kombi)	5 W
CZECHIA	Koper – Č.Trebova with antennas to Prague/Ostrava/Pízen (Metrans) – via Dunajská Streda	5 W	AUSTRIA	Koper – Graz (Cargo Center Graz)	Up to 10 W
	Koper – Ostrava (PKP - Terminal Paskov) dedicated	1 W		Koper – Villach – antenna to Vienna, Linz, Salzburg, Wolfurt (RCO/Adria Kombi)	Up to 6 W
	Koper – Ostrava (Mettrans – Terminal Senov) dedicated	2 W		Vienna – Koper (Adria Kombi/RCO) dedicated	2 W
	Koper – Nošovice (Adria Kombi/RCO)	4 W		Koper – Enns – Salzburg – Koper (SETG) with antenna to Wolfurt	2 W
	Koper – Dunajská Streda – Koper (Mettrans) roundtrip trains With antennas to Ceska Trebova	7 W		Ybbs, Krems – Koper (Mettrans) – export trains	2 W
	Brno – Koper (Adria kombi/RCO) dedicated	2 W		Linz – Koper (Mettrans) Export only	4 W
HUNGARY	Koper – Budapest (Adria Kombi/RCO Hungary)	9 W	POLAND	Koper – Dunajská Streda – Koper (Mettrans) roundtrip trains With antennas to Krems an der Donau	7 W
	Koper – Budapest – Koper roundtrip trains (Mettrans)	14 W		Koper – Enns – Graz – Koper (TFG)	2 W
SLOVAKIA	Koper – Žilina (Adria Kombi/RCO) dedicated	Up to 6 W	ROMANIA	Koper – Wrocław (Terminal Siechnice) – Ostrava (Baltic Rail)	2 W
	Koper – Žilina (Mettrans) dedicated	3 W		Koper – Wrocław (Terminal Siechnice) – Katowice (Terminal Włosienica) (Baltic Rail)	2 W
	Koper – Bratislava – Terminal RCO (Adria Kombi/RCO)	4 W		Koper – via Ostrava (CZ Terminal Senov) – South Poland roundtrip trains (Mettrans)	7 W
	Koper – Bratislava – Spap Terminal (PKP) roundtrip dedicated	2 W		Ploiesti – Budapest – Koper (Adria Kombi/RCO Hungary)	1 W
	Koper – Dunajská Streda – Koper (Mettrans) roundtrip trains With antennas to Kosice, TIPP Žilina	14 W		Koper – Budapest – Arad (Afluent Terminal)	3 W

MAJOR INVESTMENTS 2019 - 2023



Truck gate Sermin



Truck gate Bertoki



Extension of Container terminal



RO-RO berth in Basin 3

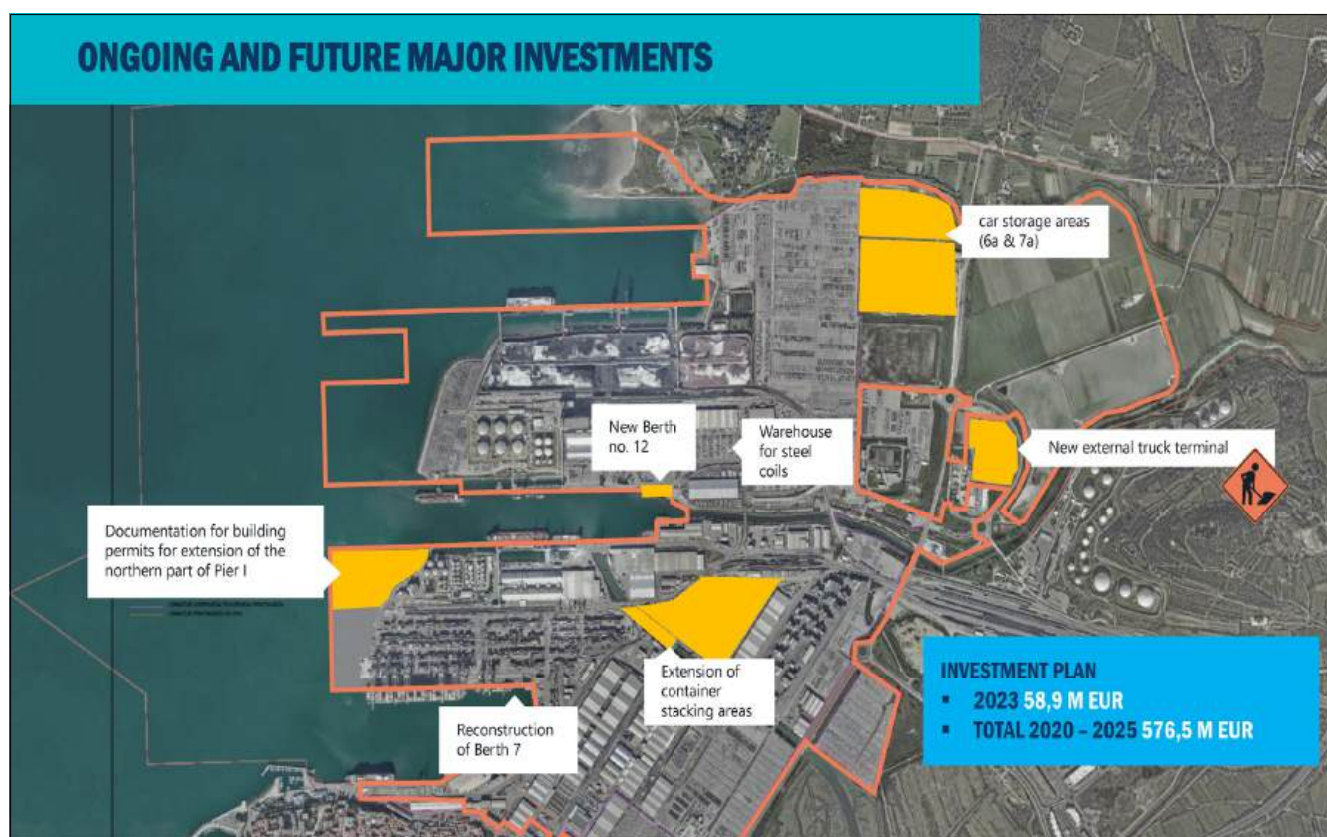


Car terminal railway access



Garage for additional 6.000 units

ONGOING AND FUTURE MAJOR INVESTMENTS



PLANNED BERTH No. 12 AND AUTOMATED WAREHOUSE FOR COILS



NEW COIL WAREHOUSE UNDER DEVELOPMENT

- Transition from forklift to overhead crane warehouse operations
- 12.500 m2 of additional storage, specialized for steel coils
- Releasing of existing 23.000 m2 of classical warehouses to other cargoes
- Automating stock position data for an easier outbound process – through WMS



FURTHER EXTENSION OF PIER I

Phase 2: extension of northern part with additional stacking areas in the hinterland
A total of 248 million EUR of investments by 2030
Annual capacity: 2 million TEU

Phase 1: extension of southern part (berth 7d)
Completed in June 2022
Annual capacity: 1,5 million TEU

NEW REEFER PLUGS



Currently:

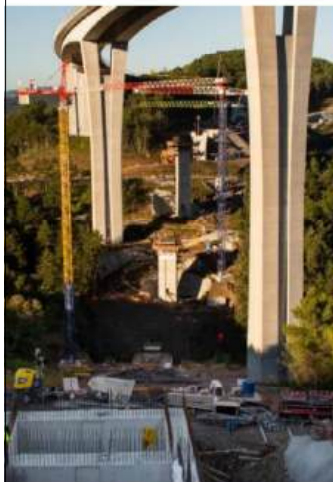
- Abt. 800 Plugs on the Container terminal
- Additional 250+ plugs on the Reefer Terminal

By the end of 2023:

- Up to 1000+ Plugs on the Container terminal
- Additional 250+ plugs on the Reefer Terminal
- Upgraded positions for PTI on the DEPO area



WORKS ON THE NEW KOPER – DIVAČA RAILWAY LINE



- 27,1 km total length
- 75% (20,5km) inside 8 tunnels
- 430 m altitude difference
- Construction works started in May 2021
- Expected completion of new track end of 2025, to become operative in 2026

NEW SECTION OVERVIEW



PORT OF KOPER - THE GREEN PORT

LOCATED ON A FAVOURABLE TRANSPORT ROUTE

THE SHORTEST MARITIME ROUTE FROM BEYOND SUEZ TO EUROPE

Excellent location for servicing Central & Eastern Europe with efficient combination of cost, time and energy savings. Improve your transport sustainability and lower your CO2 footprint.

RAILWAY IS IN THE DNA OF THE PORT OF KOPER

60 % of port's throughput is transported by train, with daily intermodal connections with logistics centres across Europe.

MANAGING ENVIRONMENTAL IMPACTS

ECO-MANAGEMENT AND AUDIT SCHEME COMPLIANT

Evaluating, reporting, and constantly improving our environmental performance



Comprehensive monitoring of: dust emissions, noise emissions, energy and water consumption.

Sea protection: 24/7 state of alert of anti-pollution vessels

INVESTING IN TECHNOLOGY

REDUCING OUR CARBON FOOTPRINT

- 20,7 % of port energy consumption is from renewable sources
- Setting up micro-photovoltaic systems: 1,25 MW by 2025 and 4 MW by 2030
- Switching to electrified machinery (e-RTGs & other)
- Installing low-consumption lighting
- Plans for on-shore power supply (OPS) system for vessels

WHY IS THE PORT OF KOPER A VALID LOGISTIC ALTERNATIVE?



RELIABLE OPERATIONS

- a single company operates all terminals
- quality, reliability, flexibility
- tailor-made services
- non-stop handling operations



FAST AND SECURE PROCEDURES

- pre-clearing customs procedures
- EU border inspection point: possibility of fiscal clearance and fiscal warehousing
- ISPS code compliant



PORT COMMUNITY

- full support of the customs/control authorities
- effective IT support connecting the entire port community



REFERENCES

trusted by important global corporations



LOCATION

evident benefits of using shorter transport route (shorter transit times, lower transport costs, improved stock management, less CO2 emissions,...)

HOW CAN THE PORT OF KOPER MEET KOREAN BUSINESS NEEDS?



INVESTMENTS INTO INFRASTRUCTURE

- constant investments into infrastructure and handling equipment in order to manage core Korean traffic flows efficiently and safely (Container Terminal, Car and RO-RO Terminal, General Cargo Terminal, Project Cargo)
- constant investments into infrastructure which improves and accelerates internal and external logistics (new gates, Truck Terminals)

OTHER INVESTMENTS

- constant investments in the skilled and reliable HR
- constant investments in the simplification of all Port procedures

ACTIVE ROLE

- active role in simplification of all Port Community procedures
- active role in improvement of hinterland logistics infrastructure (2nd railroad track, hinterland terminals)



감사합니다
THANK YOU FOR YOUR ATTENTION!

