

2023

해외물류시장 투자설명회

리예카항 인프라 개발 계획 소개 및 해외물류사업 진출 전망

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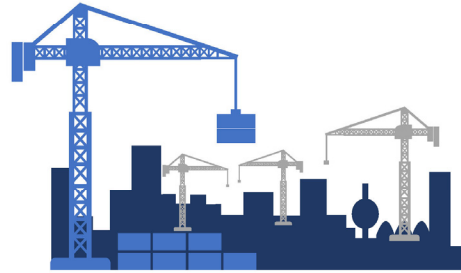






LUČKA UPRAVA RIJEKA
PORT OF RIJEKA AUTHORITY

INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM



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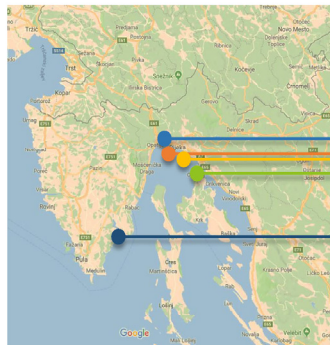
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OVERVIEW

Port of Rijeka Authority & Main Concessionaires

- PRA was founded in 1996 to managing, planning and strategic development port of Rijeka
- Port operations contracted to various concession holders
- The port of Rijeka is a multi-purpose port facility capable of handling various type of cargo at 5 basins



1 Basin Rijeka

2 Basin Sušak

3 Basin Bakar

4 Basin Omišalj

5 Basin Raša

Terminals

- GENERAL CARGO TERMINAL
- PROJECT AND HEAVY CARGO TERMINAL
- FRIGO TERMINAL
- CEREAL TERMINAL – SILO

- ZAGREB DEEP SEA CONTAINER TERMINAL

- CONTAINER TERMINAL

- BULK CARGO TERMINAL
- RO-RO TERMINAL

- OIL TERMINAL

- LIVESTOCK TERMINAL
- GENERAL CARGO & TIMBER TERMINAL
- HINTERLAND WAREHOUSE ŠTALIJE

Concessionaire

LUKA RIJEKA d.d.

Rijeka Gateway d.o.o.

Adriatic Gate Container Terminal

Luka Rijeka d.d.

JANAF

- LUKA RIJEKA d.d.
- EXPORTDRVO ltd.
- ŠERIF EXPORT – IMPORT j.s.c.

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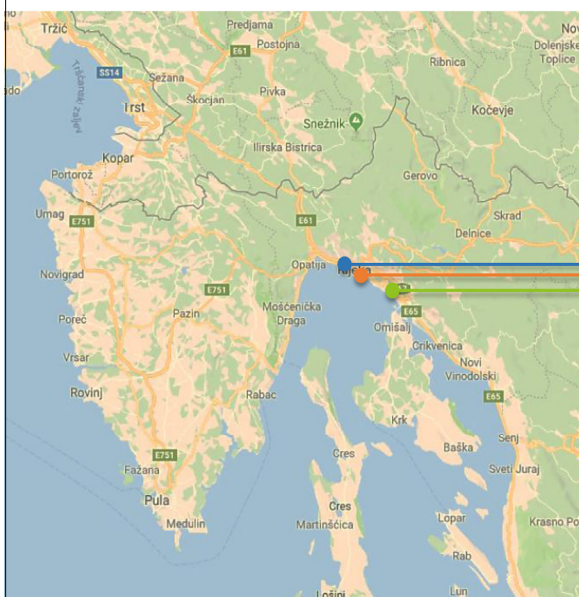
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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

EU MFF 2014 – 2020 : PROJECTS CO-FINANCED BY THE CEF

Total value of the projects € 136 MIO



Rijeka

Sušak

Bakar

Raša

4

2

1

1

- Upgrade of the Rijeka Port infrastructure – Zagreb Deep Sea CT
- Upgrade of the Rijeka Port infrastructure - Rijeka Basin
- Upgrade of the Rijeka Port infrastructure – Port Community System (PCS)
- Studies to upgrade the Rijeka Port infrastructure – Prague Pier Extension (POR2CORE-Prague Pier Extension)

- Port of Rijeka multimodal platform development and interconnection to AGCT
- Upgrade of the Rijeka Port infrastructure – AGCT Dredging (along the 100 m waterfront)

- Upgrade of the Rijeka Port infrastructure – Bakar bulk cargo terminal - Bakar Basin

- Upgrade of the Rijeka Port infrastructure - General cargo terminal Raša Basin



Co-financed by the Connecting Europe Facility of the European Union

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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

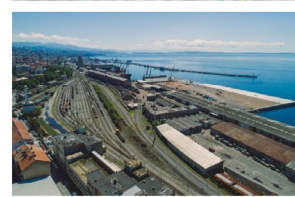
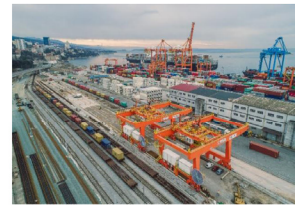
EU MFF 2014 – 2020 : PROJECTS CO-FINANCED BY THE CEF

Total value of the projects € 136 MIO



1 Port of Rijeka multimodal platform development and interconnection to Adriatic Gate container terminal (POR2CORE-AGCT) Status: Project completed 12 2020	€ 35,556 MIO	- Construction of a new Intermodal Yard - Upgrading of the railway station Rijeka – Brajdica - Construction of a new track in the connecting tunnel
2 Upgrade of the Rijeka Port infrastructure - Zagreb Deep Sea Container Terminal (POR2CORE-ZCT) Status: Project completed 09 2022	€ 31,587 MIO	- Reconstruction of cargo section of Rijeka railway station - Adjustment works at the connection to the general cargo terminal - Construction of an Intermodal Yard
3 Upgrade of the Rijeka port infrastructure – Dredging at the AGCT (POR2CORE-AGCT Dredging) Status: Project in Progress	€ 17,389 MIO	- To improve the handling of freight at the terminal and to enable the mooring of larger ships - Enabling the accommodation of bigger container vessels while leveling the sea depth along 428 meters of quay
4 Studies to upgrade the Rijeka Port infrastructure – Prague Pier Extension (POR2CORE-Prague Pier Extension) Status: Project in Progress	€ 3,589 MIO	- To fulfill the environmental prerequisites to start the works - The preparation of the technical documentation for works, and - To complete the procurement prerequisites for starting the works

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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

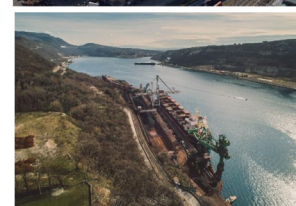
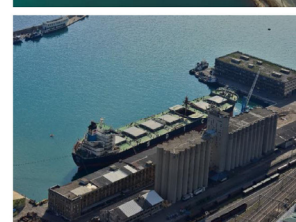
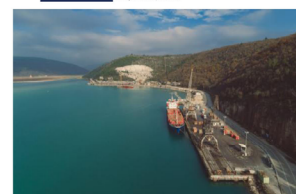
EU MFF 2014 – 2020 : PROJECTS CO-FINANCED BY THE CEF

Total value of the projects € 136 MIO



5 Upgrade of the Rijeka Port infrastructure - General cargo terminal – Raša Basin (POR2CORE-GCT) Status: Project completed 04 2021	€ 6,914 MIO	- Dismantling and removal of the existing equipment - Reconstruction works of the quay - Installation of crane tracks on the reconstructed quay structure - Installation of rail tracks on the reconstructed quay structure - Installation of equipment on the reconstructed quay structure
6 Upgrade of the Rijeka Port infrastructure - Rijeka Basin (POR2CORE-RijekaBasin) Status: Project in Progress	€ 33,664 MIO	- Removal of the existing infrastructure - Reconstruction of installations, drainage and waste water system - Reconstruction of the pavement surface - Reconstruction of railway tracks and crane rails
7 Upgrade of the Rijeka Port infrastructure – Bakar bulk cargo terminal – Bakar Basin (POR2CORE-BCTB) Project completed 12 2021	€ 6,095 MIO	- Removal of the existing infrastructure - Reconstruction of installations, drainage and waste water system - Reconstruction of the pavement surface - Reconstruction of railway tracks
8 Upgrade of the Rijeka Port Infrastructure – Port Community System (POR2CORE-PCS) Status: Project in Progress	€ 1,660 MIO	Design and Implementation of PCS ICT solution

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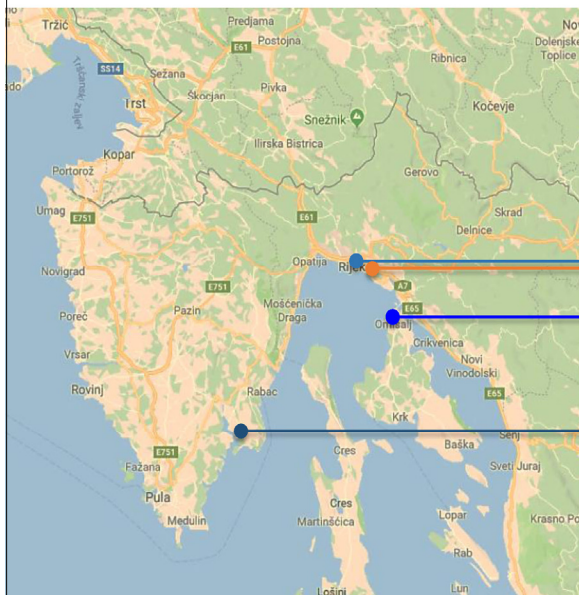




THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

EU MFF 2021 – 2027 : PROJECTS PREPARED FOR NEW CALLS

Total value of the projects € 290 MIO



Rijeka 5

Sušak 3

Krk 1

Raša 1

- Upgrade of the Rijeka Port infrastructure – Rijeka Gateway Container Terminal Fase 2
- Warehouse for grains - Silos Grains Terminal
- Upgrade the Rijeka Port infrastructure – Prague Pier Extension (works)
- Revision of the Master Plan of the Port of Rijeka
- Upgrading of the PCS

- Upgrade of the Rijeka Port infrastructure – AGCT Dredging II (along the 328 m waterfront)
- AGCT - Solar power plant
- AGCT - Electrically powered port equipment

- Port of Rijeka Container Terminal Krk - Study documentation and Conceptual design

- Installation of separator for waste water from livestock terminal – Raša Basin

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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

ZAGREB DEEP SEA CONTAINER TERMINAL

Investment cycle in ZDSCT & related projects (excluding ODF Matulji) value € 455 MIO



ZAGREB DEEP SEA CONTAINER TERMINAL - Phase 1 RGP
Investment : € 112,5 MIO



ZAGREB DEEP SEA CONTAINER TERMINAL - Phase 1A
Rijeka Gateway, Operated by APM Terminals and ENNA
Estimated concessionaire investment : € 100 MIO



ZAGREB DEEP SEA CONTAINER TERMINAL - Phase 1A
Intermodal Yard
CEF Projekt € 31,6 MIO



Zagreb Deep Sea Container Terminal - Phase 2
Rijeka Gateway, Operated by APM Terminals and ENNA
Estimated concessionaire investment : € 136 MIO



PORT WEST INTERNAL ROAD
Investment : € 4,5 MIO
Junction to the DC 403 state road



DC 403 STATE ROAD
Investment : € 70 MIO



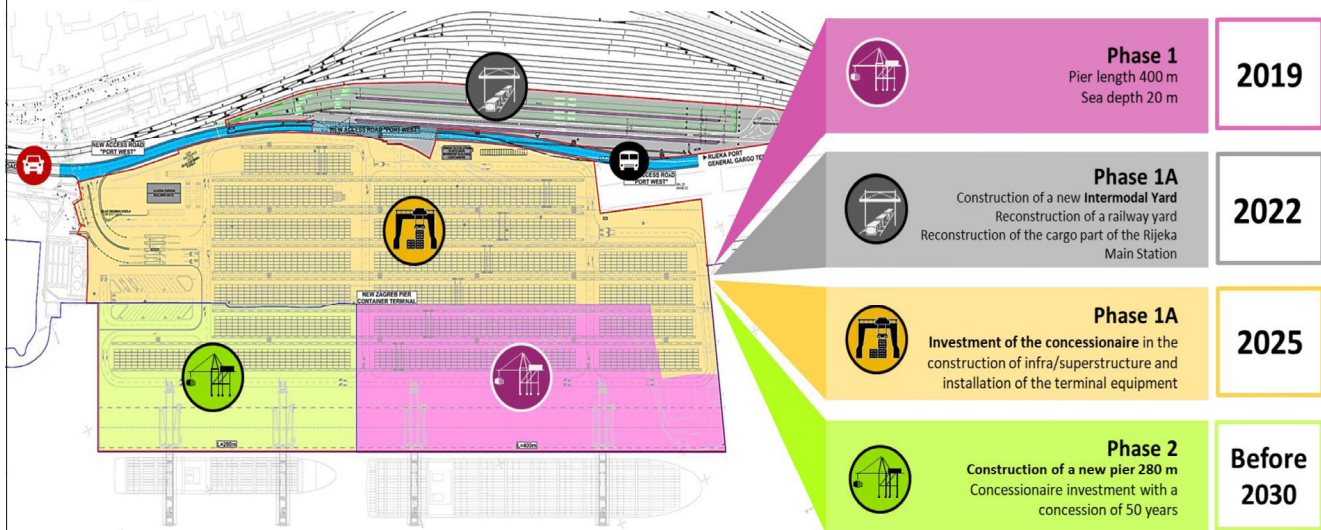
ILC MATULJI – Matulji Inland Port
ODF Matulji: area of 50 ha
Estimated investment : € 100 MIO

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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

ZAGREB DEEP SEA CONTAINER TERMINAL Phase 1 – Phase 1A – Phase 2



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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

ZAGREB DEEP SEA CONTAINER TERMINAL

Phase 1A – Intermodal Yard



- **Project:** POR2CORE ZCT
- **Investors:** Port of Rijeka Authority & HŽI
- **Co-financed by the CEF**
- **Estimated total cost:** € 31,587 MIO
- **Goals:**
 - ✓ Improvement and development of new multimodal platform in the Port of Rijeka
- **Status:** Project completed 09 2022



Co-financed by the Connecting Europe Facility of the European Union

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THE INVESTMENT CYCLE OF THE RIJEKA PORT SYSTEM

ZAGREB DEEP SEA CONTAINER TERMINAL

Phase 1A - **DC 403 state road** & Port west internal road



DC 403

(connecting road to Rijeka bypass)

Investment € 70 MIO

Financing : MMPI, HC,



Project completion 09/2023



PORT WEST ROAD

Port junction road to the DC 403

Investment € 4,5 MIO

Own resources of the PRA

Project completed

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Rijeka Gateway: Operated by APM Terminals and Enna

Concessionaire at Zagreb Deep Sea Container Terminal

Future Rijeka Gateway container terminal

ZDSC

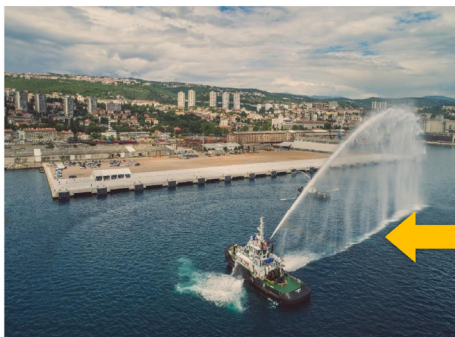
The **Rijeka Gateway Project** component

Investment: € 112,5 MIO

Completion of construction 23.05.2019.

Construction: 400 m of berth

Sea depth: 20,0 m



CONCESSION AGREEMENT SIGNED 5.11.2021.



Rijeka Gateway is a joint venture between APM Terminals (51%) and ENNA (49%, local partner)

APM Terminals is a member of the **A.P. Moller-Maersk Group** (one of the four largest container terminal operators in the world, managing over 75 million TEUs)

ENNA Logic is a member of the Croatian group **Energia Naturalis (ENNA)** (Croatian railway logistic company & first private railway carrier offering modern multimodal solutions in cargo transport)

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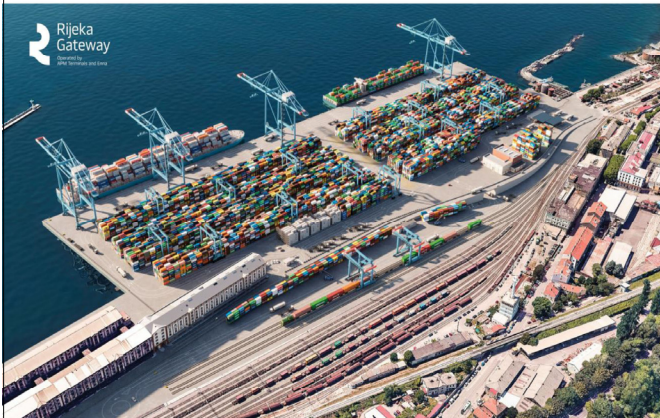
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Rijeka Gateway: Operated by APM Terminals and Enna

Beginning of the construction works 13.09.2023.

Future Rijeka Gateway container terminal



Rijeka Gateway (RGW)

New container terminal in Rijeka, Croatia

Go-live: Q2 2025 (Phase 1)

- The terminal is part of Maersk's strategy to improve logistics in the East and Central European hinterland:
 - ✓ Debottlenecking the region (Trieste, Koper, current/smaller terminal in Rijeka)
 - ✓ Increasing ocean and inland capacity in Adriatic
 - ✓ Improving the average transit time (Asia/CE) by up to 7 days
 - ✓ Lowering the carbon footprint
- Concession duration: 50 years
- Total investments > €380 MIO by 2026
- Total future capacity is 1 million TEU (Phase 1+2)

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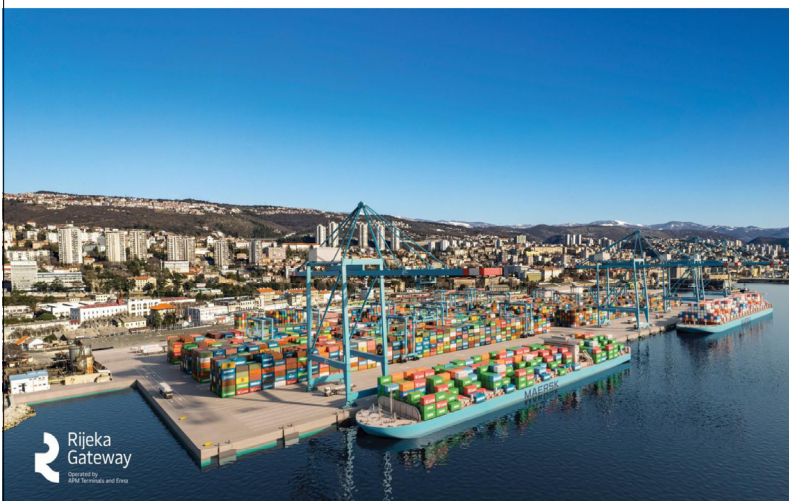
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Rijeka Gateway: Operated by APM Terminals and Enna

Beginning of the construction works 13.09.2023.

Future Rijeka Gateway container terminal



	Phase 1	Phase 1+2
Capacity:	650k TEU	1,055k TEU
Berth:	l=400m, d=20m	l=680m, d=20m
Max. vessel size:	18,000 TEU	24,000 TEU
Total area:	16ha	20ha

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Samsung Project Project Overview & Results



Overview

- Loan Agreement: Republic of Croatia & Republic of Korea (02/2001)
- Loan Agreement: PRA & Export-Import Bank of Korea (02/2001 – 02/2026)
- **Loan Amount USD 34,5 MIO**
- Contract with Samsung Corporation 2001
- Project Implementation 2002 – 2003
- New equipment in the Brajdica Container Terminal (2 container gantry cranes) & new equipment in the Bakar Bulk Cargo Terminal (loading/unloading equipment adjusted to EU standards)

Results

- Modernizations and increase of the Port of Rijeka capacity
- Technological modernization of the container terminal and a bulk cargo terminal
- Increase of container and bulk cargo traffic
- Initiation of investment cycle in the Port of Rijeka

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Samsung Project Project Overview & Results



Brajdica Container Terminal Equipment – 2 new Samsung container gantry cranes

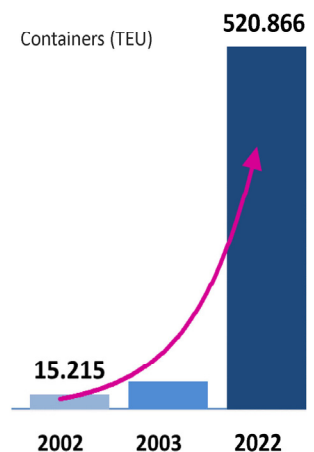


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2023

Key factor for the development of Rijeka container port



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Future opportunities

Cooperation in development of inland port capacity
Bakar Industrial Zone - Kukuljanovo



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Future opportunities

Cooperation in development of inland port capacity
Terminal Škrlevo

Warehouse (short term)

- PRA & BPA & Port of Rijeka j.s.c.
- Škrlevo Terminal (inland warehouse complex)
- Owned by the Port of Rijeka j.s.c.
- ✓ Terminal located 10 km from the Rijeka Basin and 3 km from Bakar Basin (Bulk Cargo Terminal)
- ✓ Total surface area 417.413 m²
- ✓ Open warehouses 125.813 m²
- ✓ Covered warehouses 43.000 m²
- ✓ Free area 227.000 m
- Direct Rail and Road Access



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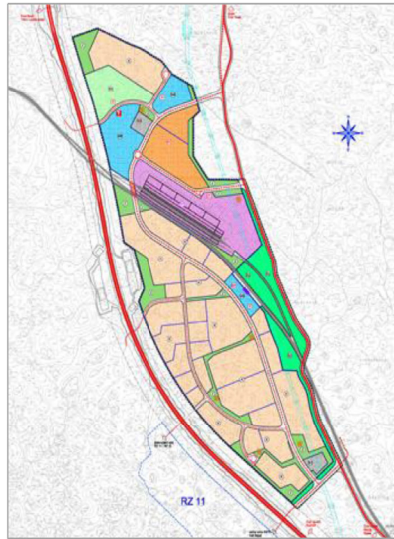


Future opportunities

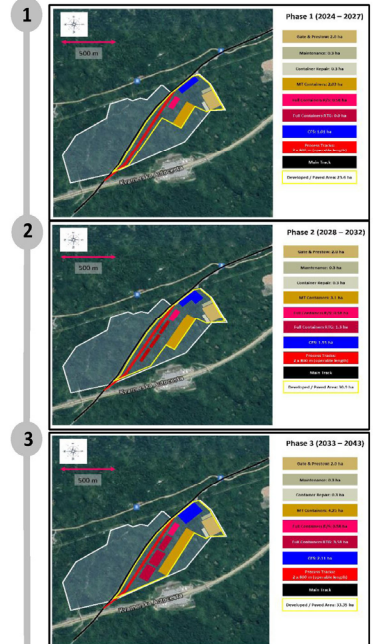
Cooperation in development of inland port capacity Inland Terminal Matulji

Inland Terminal Matulji (medium term)

- Total area 160 ha
- Excellent geostrategic position (railway and road connections)
- Located about 18 km north-west of ZDSCCT
- External container depot of ZDSCCT
- Already dedicated for intermodal activity 50ha
- Estimated investment € 100 MIO
- 3 Phases

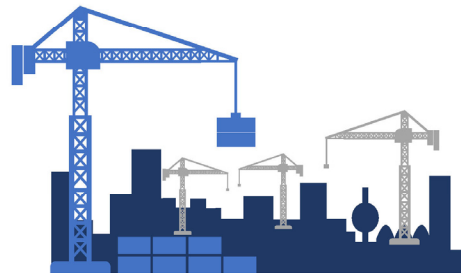


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Thank you
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