

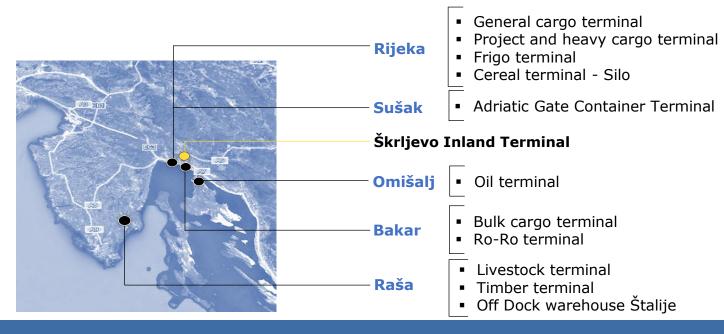
GREEN PORT IS GOING DEEP ENVIRONMENTAL FRIENDLY new Deep Sea container terminal in Port of Rijeka





RIJEKA GREEN PORT Overview

- Established in 1996, PRA is responsible for management, planning and strategic development Port of Rijeka
- Port operations are taken over by various concession holders
- Port of Rijeka is a multi-purpose port system capable of handling various type of cargo at 5 basins



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RIJEKA GREEN PORT Environment Protection Policy

- **Implementation of environmental protection system** including the best available technologies into the development plans of the port area
- Aligning of all port operations and activities with Croatian and international regulations and conventions, as well as requirements of the international standard ISO 14001: 2015
- Systematic monitoring of environmental indicators and providing measures to reduce negative environmental impacts
- Preventive actions to reduce environmental pollution and possible damage in case of contamination
- Agreement on Joint Environmental Protection, which ensures the common and systematic action of all stakeholders of the Rijeka Port System on environmental protection and sustainable development

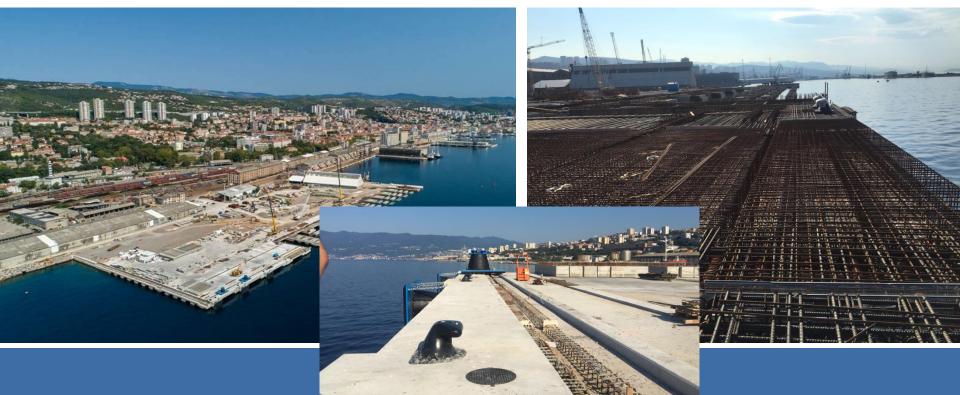


RIJEKA GREEN PORT Environment Protection Management

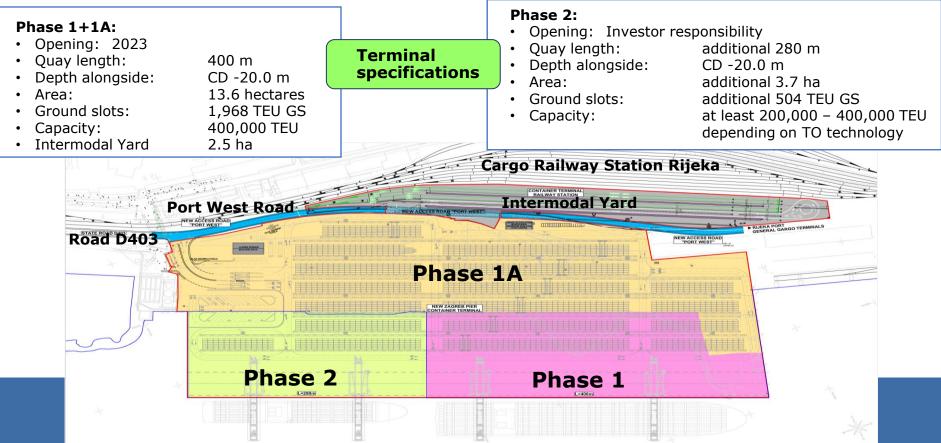
- **PRA manages and plans strategic development** of the entire area of Port of Rijeka **including environmental protection guidelineses** to be implemented by terminal operators
- PRA is a member of ECOPORTS (since 2007)
- **PRA** has **certified systems**:
 - Quality management ISO 9001: 2015
 - Environmental protection ISO 14001: 2015
- Application NIMBUS CONTROL key element of the environmental management system



Current status of project









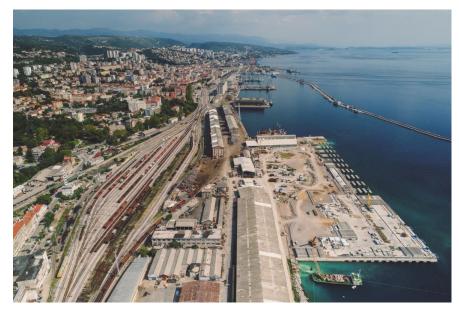
Modal Split Project in Progress

CEF: Upgrade of the Rijeka Port infrastructure - Zagreb DS CT

Value of project: € 31,587 Mio Activities:

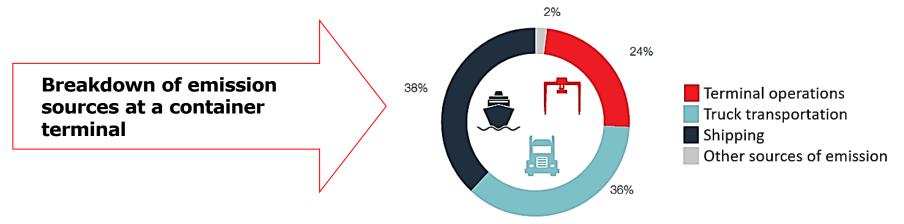
- Reconstruction of cargo section of Rijeka Railway station
- Construction of an Intermodal Yard

Implementation phase Completion date 31/12/2020





Recommendations to reduce terminal impact on the environment



- Zagreb DS CT is located on the edges of the Rijeka city centre
- Strong requirements for design and operation of the terminal to keep at minimum impact on the surrounding area



Recommended Technology





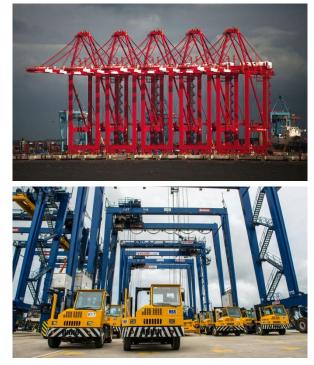
Recommended Technology

• Quayside

- Megamax Cranes capable to handle Ultra Large Container Vessels (ULCV)
- Megamax Cranes with state-of-the-art technology that significantly reduce environmental impact

Yard and Horizontal Transport

- Rubber-Tyred Gantry Cranes eRTG
- Terminal Tractors Hybrid or Electric





GREEN PORT IS GOING DEEP Environmental friendly

- Starting point to the low-carbon economy
 - reduction of 80-95% of greenhouse gas emissions by 2050
- Climate and Energy Framework 2030
 - reduction of greenhouse gas emissions by at least 40%
- Obliges Republic of Croatia and Port of Rijeka, as well to meet the European Union goals

In that direction we will continue to work !



GREEN PORT IS GOING DEEP

Thank you for the attention

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