

Development of the Bulgarian Ports to European Multimodal Freight Transport Gateway Hubs

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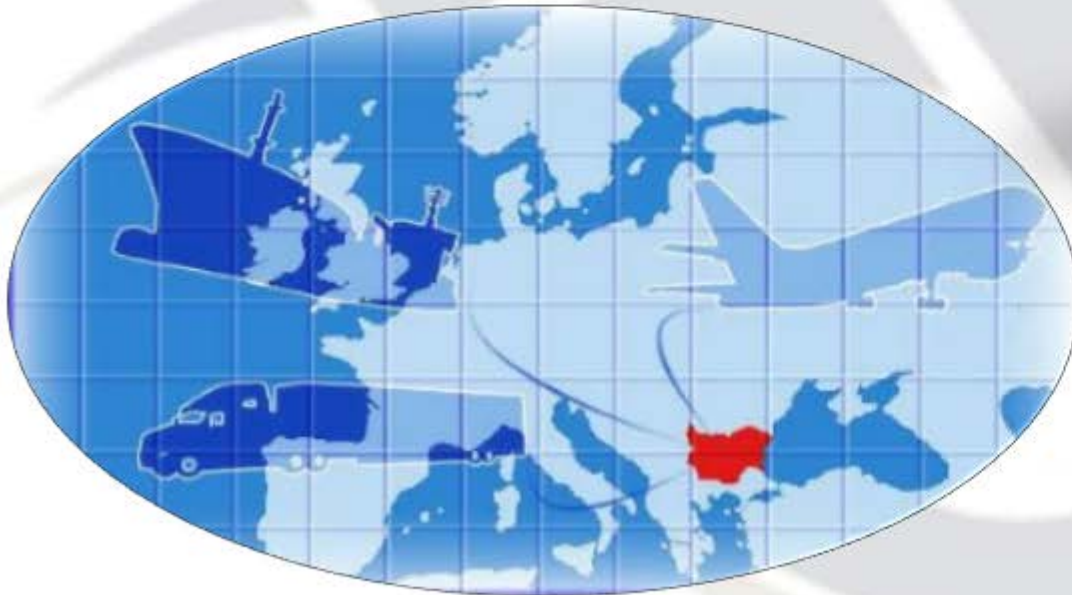
Varna, May 2018

Outlook: Southern Silk Road („One Belt - One Road“ Strategy)



→ In order to participate in global flows of goods, alternative routes have to be developed proactively

**BULGARIA ON
THE WORLD MAP**



**BULGARIA ON THE
EUROPEAN MAP**

The Core European Transport Network Corridors





Bulgarian Ports Infrastructure Co.

- BPI Co. is a statutory company

BPI Co. acts as National Port Authority and our business is not just about managing the port infrastructure

- **4 Branches – Territorial Directorates in:**

- Varna
- Burgas
- Ruse
- Lom

- **3 Specialized Directorates:**

- Vessel Traffic Management - Black Sea
- Vessel Traffic Management - Danube River
- Port Terminals Operation

BPI Co. is a member of:

- European Sea Ports Organisation (ESPO)
- International Association of Ports and Harbours (IAPH)
- International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA)
- Black and Azov's Sea Ports Association (BASPA)
- European Federation of Inland Ports (EFIP)



PORT OF VARNA

- Port Terminal Varna – East



PORT VARNA EAST TERMINAL

43°11'502 N 27°39'736 E



PORT OF VARNA WEST TERMINAL

43°11'502 N 27°39'736 E



- Port Terminal Varna – West





VARNA - BATUMI - ILYICHEVSK - VARN
ILYICHEVSK - BATUMI - ILYICHEVSK
ILYICHEVSK - POTI - ILYICHEVSK
ILYICHEVSK-VARNA-DERINCE-POTI-ILYICHEVSK

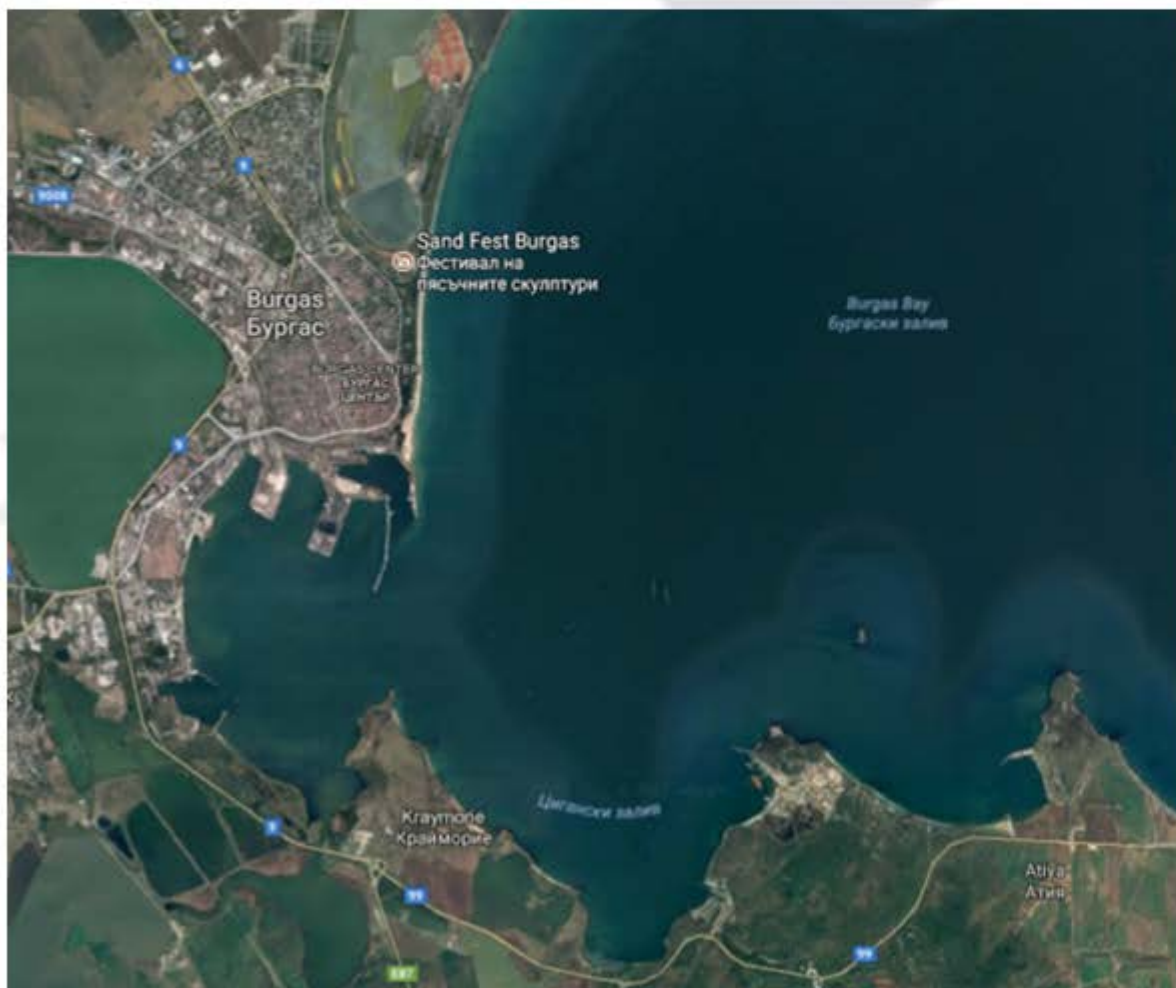


- Port Terminal Petrol
- Port Terminal TPP Ezerovo
- Port Terminal Lesport
- Port Terminal Ferry Complex
- Port Terminal Balchik



PORT OF BURGAS

- Established in 1894
- Operating since 1093



- Terminal East 1, Terminal East 2,
Terminal West;
- Oil Terminal Rosenetz;
- Regional Terminals

Port Terminal Burgas - East 1



Port Terminal Burgas - East 2



Port Terminal Burgas - West



Oil Terminal Rosenetz



Regional Port Terminals

PORT BULGARIA WEST – a hub of integrated seamless intermodal transportation system, specialized in handling of citrus fruits, non-ferrous metals and steel, liquid non-petroleum products, chipboards, plaster products, palletized cargo, bulk cargo.

RO-PAX DRUJBA – voyages on regular basis Burgas – Batumi – Novorossiysk

KRZ PORT BOURGAS - quickly developing private port, that is specialized in handling of metals, metal constructions and grain.

TRANSSTROY - a small regional port specialized in general and liquid cargo handling.

BURGAS SHIPBUILDING SOUTH QUAY – specialized in general, petroleum products and scrap



Public Area

Burgas Passenger Terminal



Magazia 1



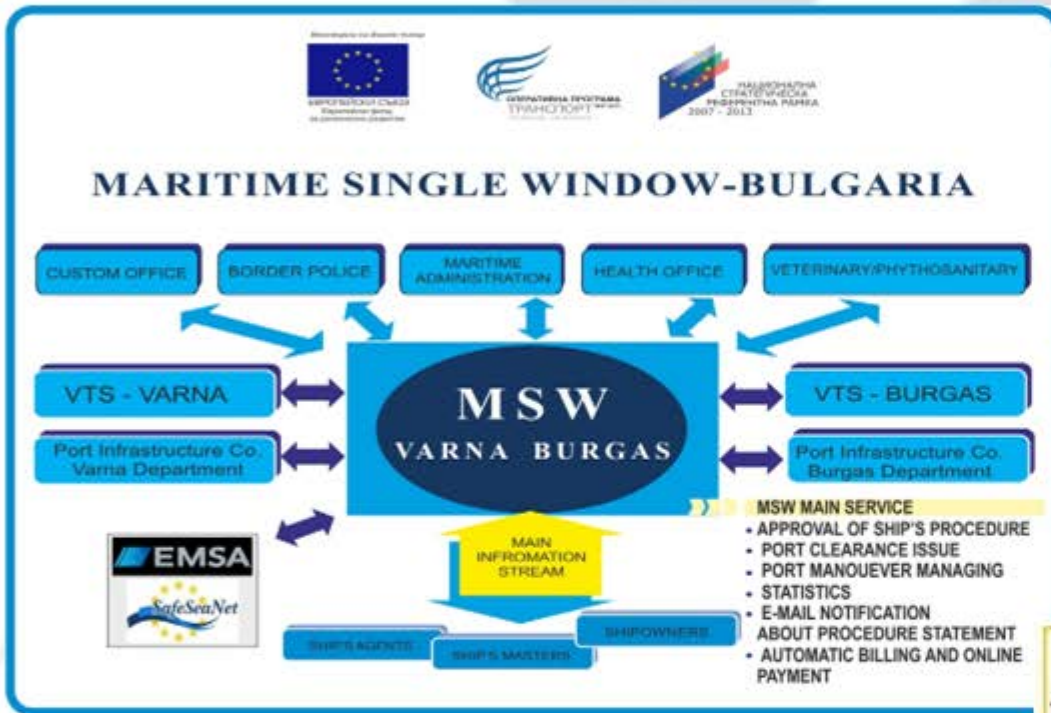
Improvement of Merchant Vessel Traffic Safety and Efficiency



Vessel Traffic Services, Provided by an Integrated Vessel Traffic Management and Information System (VTMIS)

- Vessel traffic monitoring and organization;
- Ship to shore communication and information services;
- Distribution of important safety, meteorological and traffic information;
- Automatic processing of safety, environmental and other data to governmental bodies and European structures.

Improvement of Port Efficiency by Reducing the Time for Ship Formalities

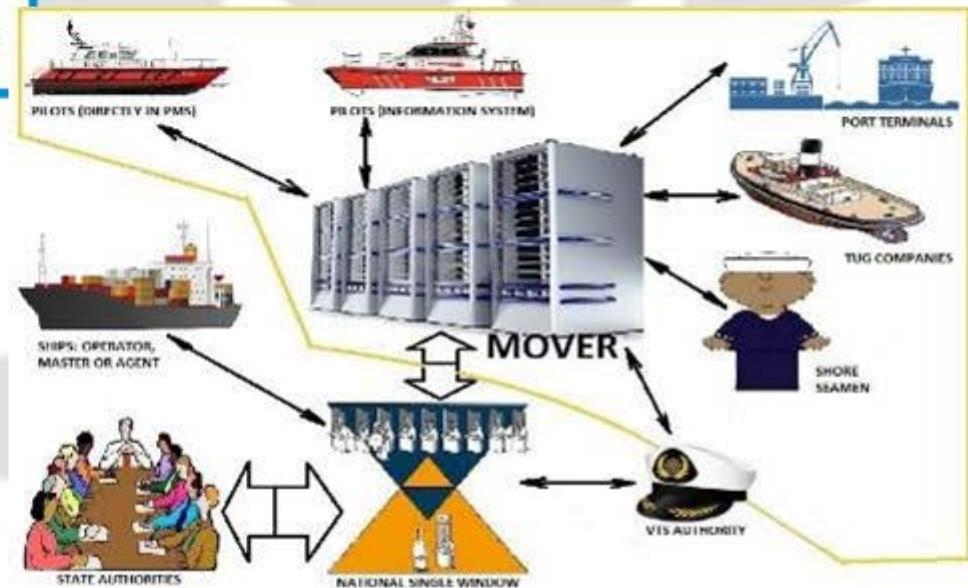


Maritime Single Window (MSW)

- A Requirement of European Directive 2010/65;
- Electronic B2G dialogue and governance;
- Improved cooperation between maritime and customs authorities;
- Facilitation of documentation work in the ports;
- Reduced time for ship's formalities processing.

Port Management System (PMS)

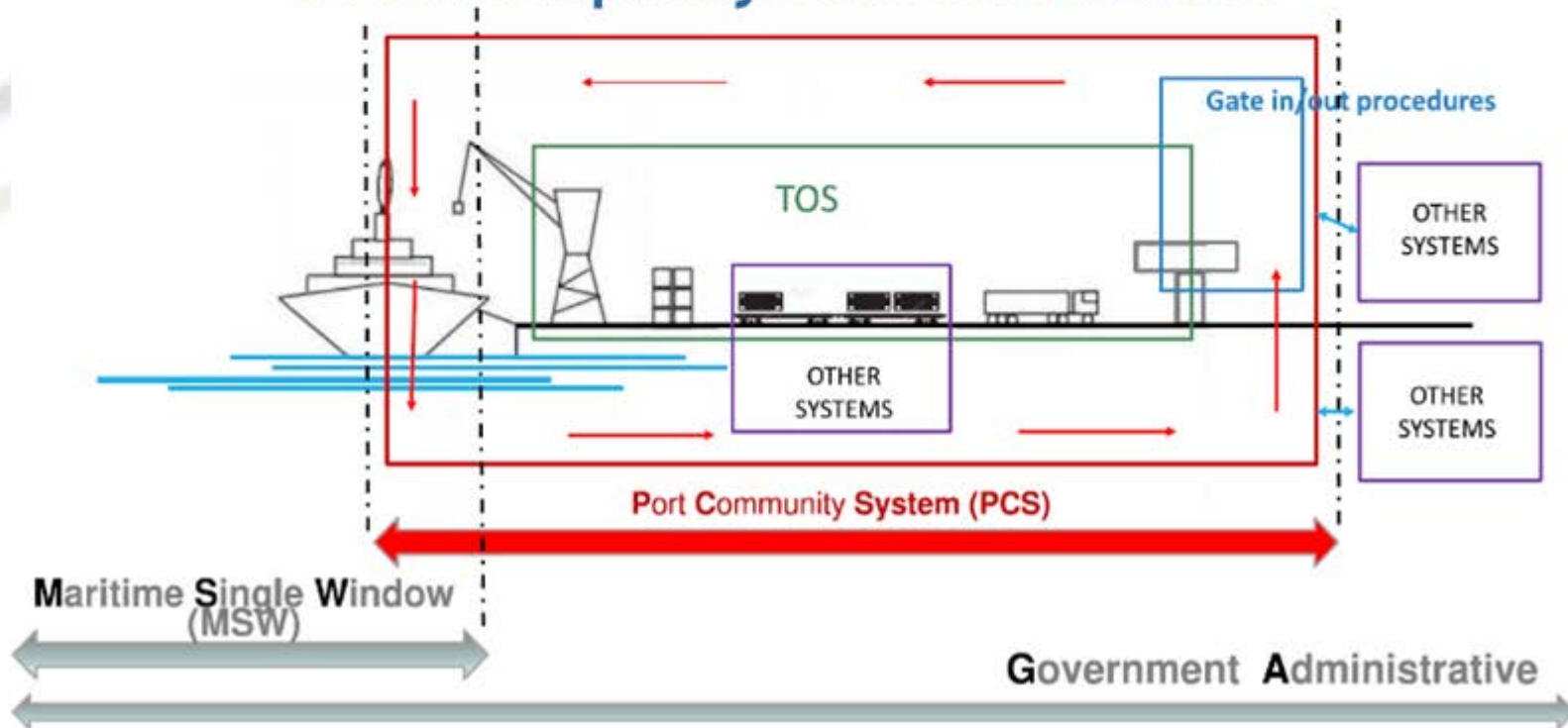
- Improved cooperation among participants in port movements and navigational operations;
- Improved safety of navigation in ports;
- Facilitation of port navigational operations;
- Reduced time of mooring/unmooring activities.



Improvement of Port Efficiency by Introducing B2G and B2B logistic information environment

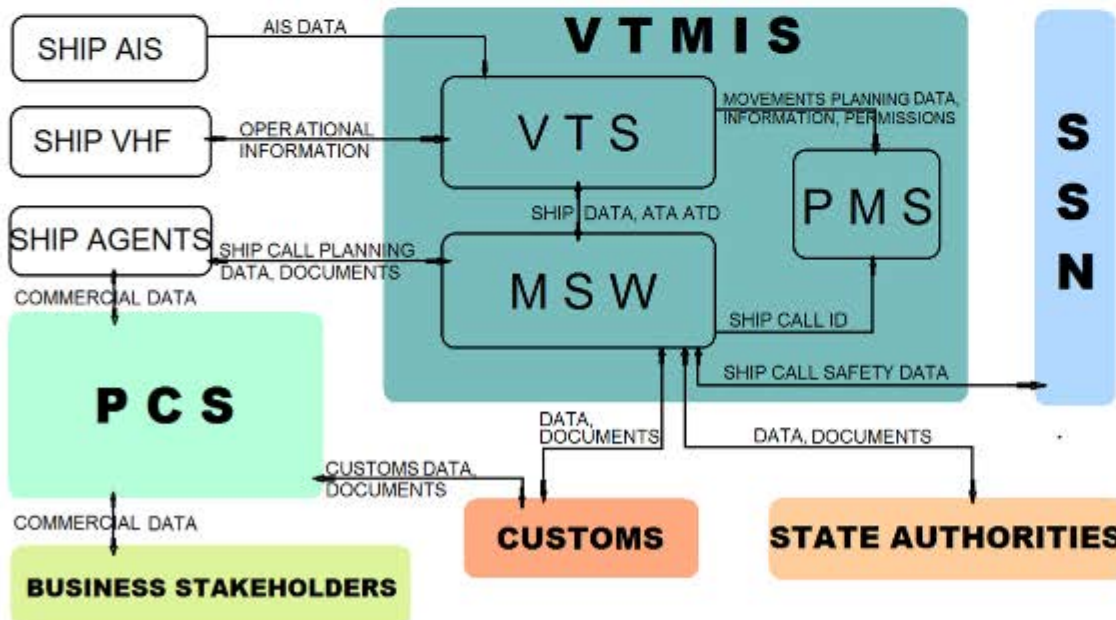
Feasibility study for development of a system for electronic exchange of information in Bulgarian ports Port Community System (PCS)

PCS multiple system connection



Integrated Information Environment in Bulgarian Ports

Build up one of the most up-to-date vessel traffic management and information system – a base for integrated port electronic information environment

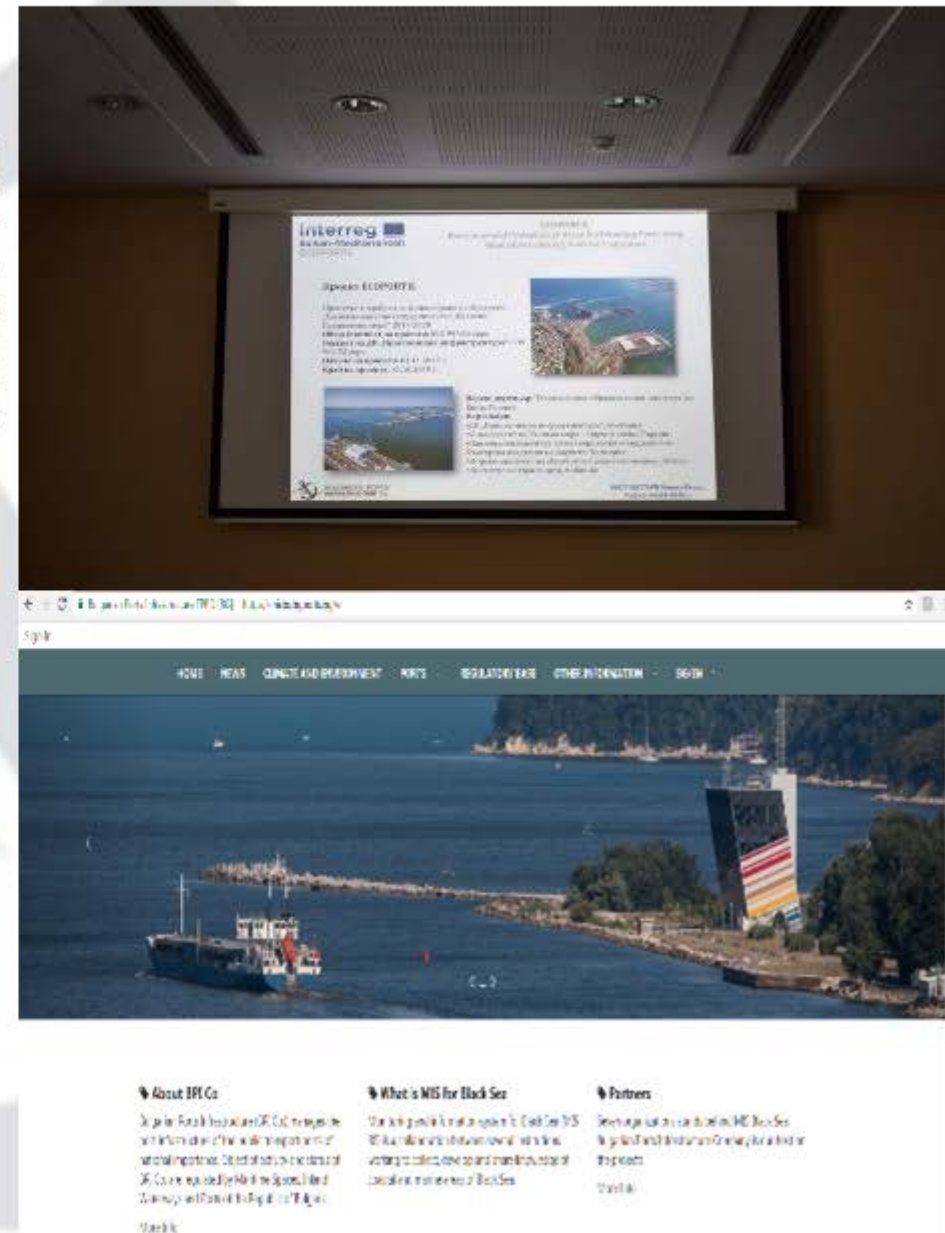


Introduced e-governance in maritime and inland waterway transport – Single Window systems on the sea and river, Port Management System in the sea ports and developing a Port Community System.

Bulgarian Ports Infrastructure Company (BPI CO.) pursues an active policy in the field of environmental protection through the implementation of the integrated Quality Management System ISO 9001 and in particular the Bulgarian Standard Environmental Management System - Requirements with Implementation Guidelines (ISO 14001:2015).

BPI Co. successfully implemented environmental monitoring systems:

- Monitoring and Information Systems for Black Sea (MISBS)
- Project Delivery, Installation and Commissioning of Port Reception Facilities in the Bulgarian Public Transport Ports of National I Importance is under implementation.
- BPI Co. is partner in the project Environmental Protection of Areas Surrounding Ports using Innovative Learning Tools for Legislation -(ECOPORTIL)



EXPECTED EFFECTS, RESULT OF THE SAFETY, ENVIRONMENTAL AND ELECTRONIC GOVERNANCE POLITICS OF BPI Co.

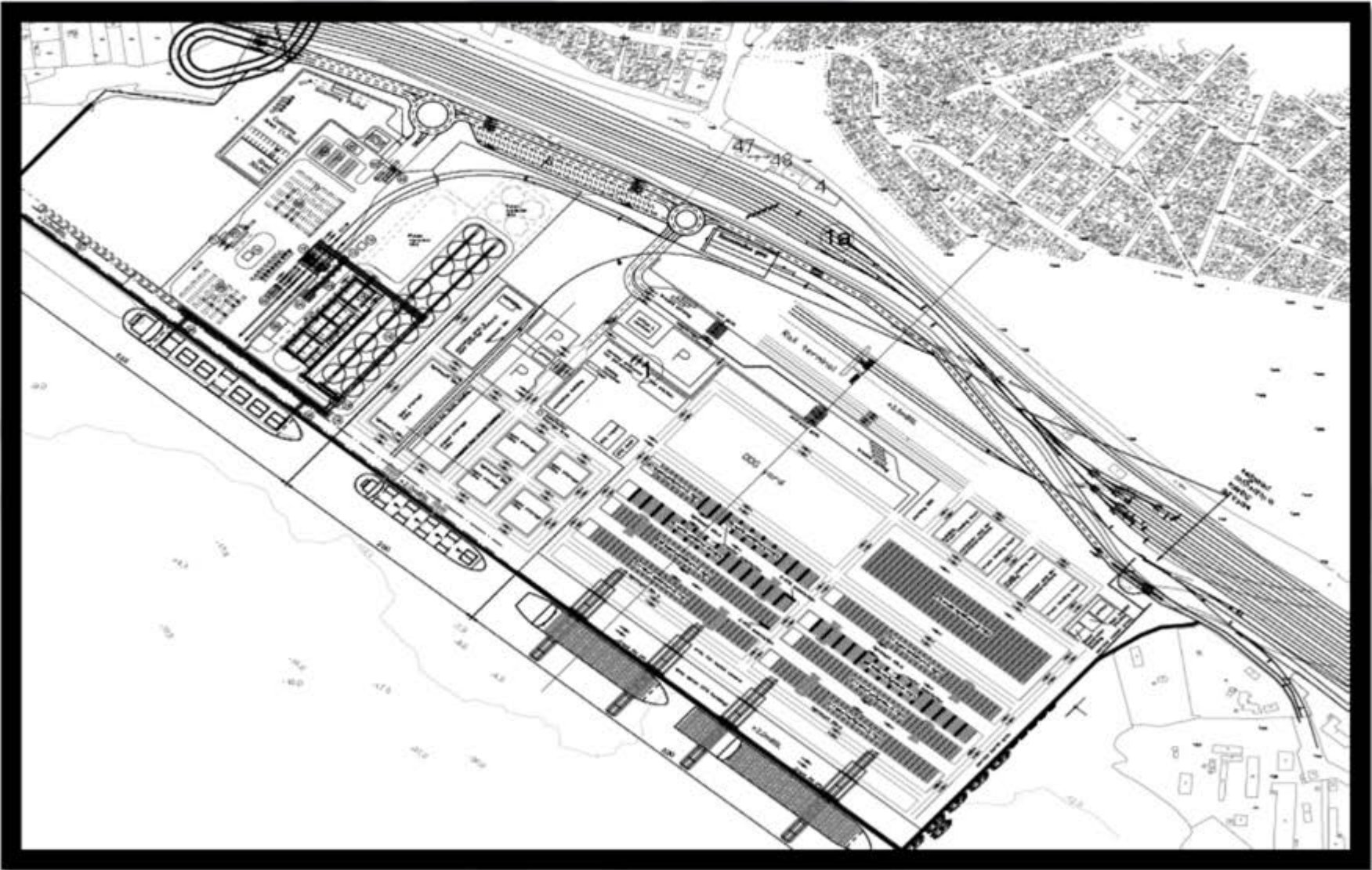
- Improved safety of navigation and improved protection of human life at sea;
- Improved environmental protection;
- Improved b2g dialogue for enhanced law enforcement and improved safety and security of the ports;
- Improved efficiency and improved competitiveness of Bulgarian ports.

Intermodal Terminal Varna

General view of the area for the construction of an intermodal terminal Varna



Layout of Zone 1



YACHT PORT AND PASSENGER TERMINAL - photo of the project area



YACHT PORT AND PASSENGER TERMINAL



Visualization of the plan of the marina and the passenger terminal

THANK YOU FOR YOUR ATTENTION!

