



*Agrifood Supply Chain Management & Logistics in Igoumenitsa Port. Knowledge transfer & Innovation with GREEN-AgriChains project*

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# Agenda

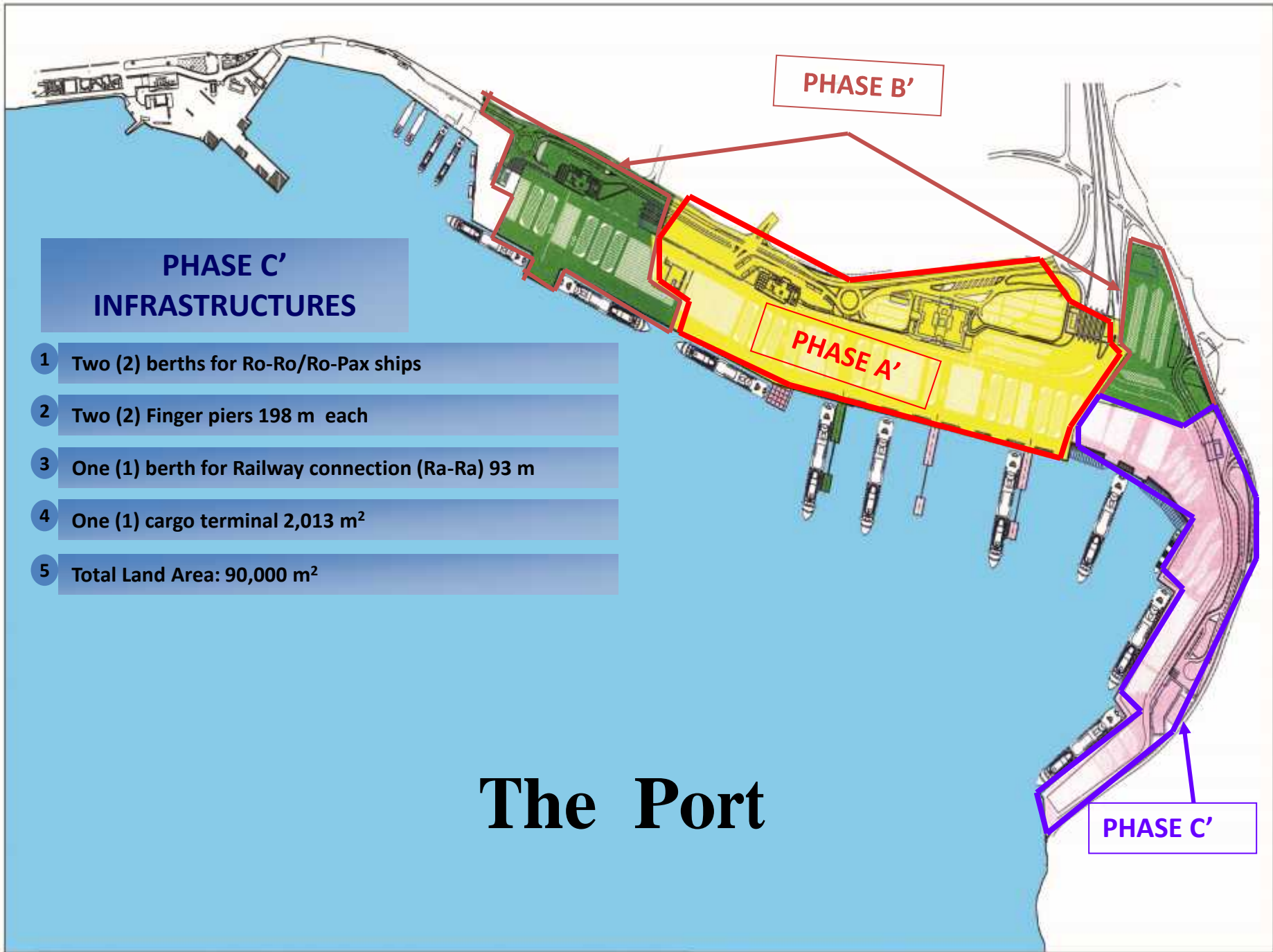


- **Introduction of Igoumenitsa's Port**
- **Green AgriChains and Igoumenitsa**
- **Identification of bottlenecks**
- **Solutions Provided**

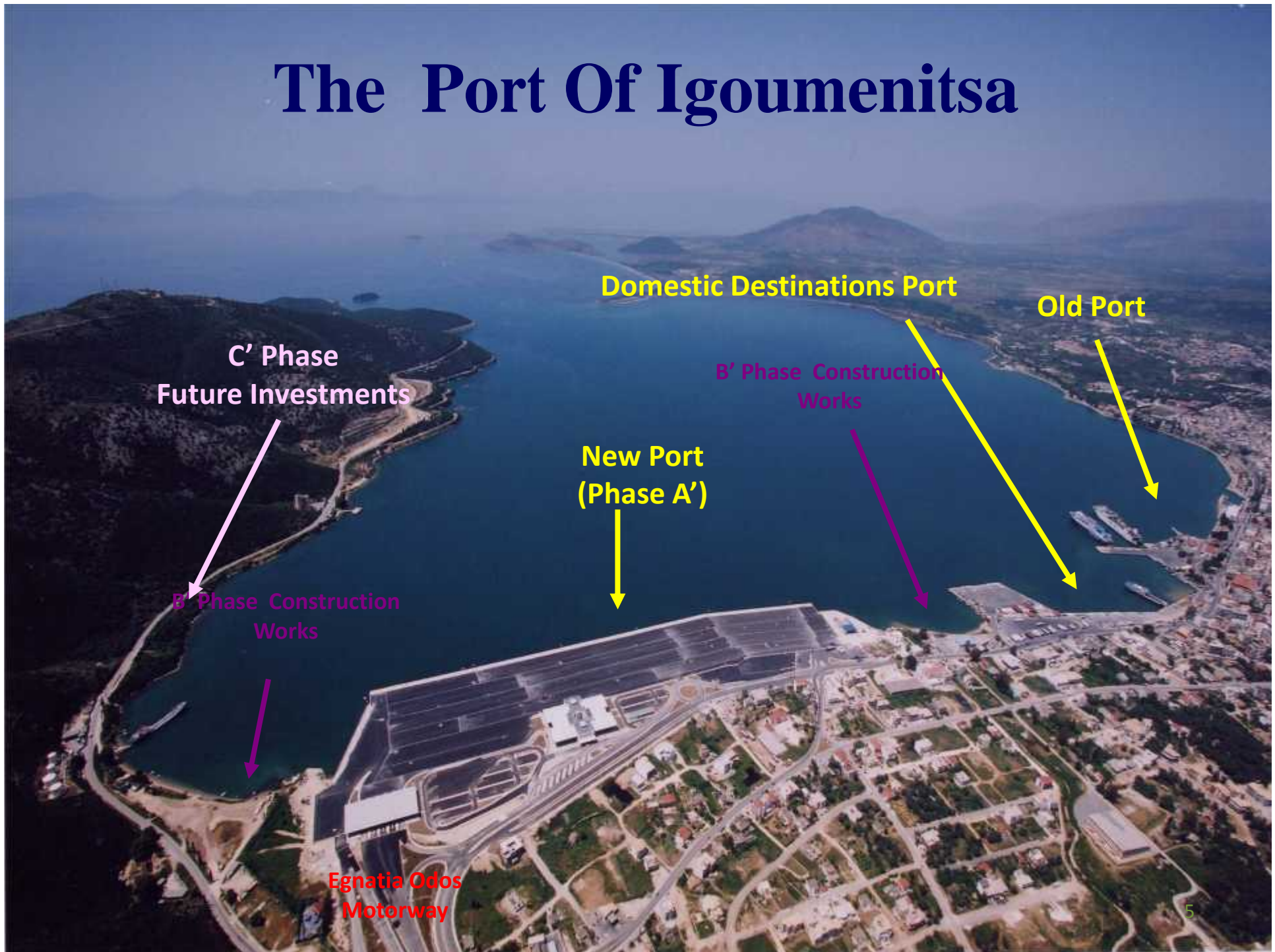
# *The Port of Igoumenitsa*



- It is located at the south part of Adriatic Sea, in the Ionian sea, in close distance from Italian and east Adriatic ports.
- It is considered as the major Gateway of imports/ exports for the North and West regions of Greece.
- Port of strategic importance for the connection of Greece with Central and Northern Europe.
- Serves passenger and freight flows with Ro-Ro and Ro-Pax ships, while recently cruise lines are calling at the port.
- Advanced intermodal transport network available in the wider area of port, especially after the construction of Egnatia Motorway.
- Several maritime links with Italian ports are already well- established and in operation while the introduction of new links with Adriatic ports is the strategic objective of the port.



# The Port Of Igoumenitsa



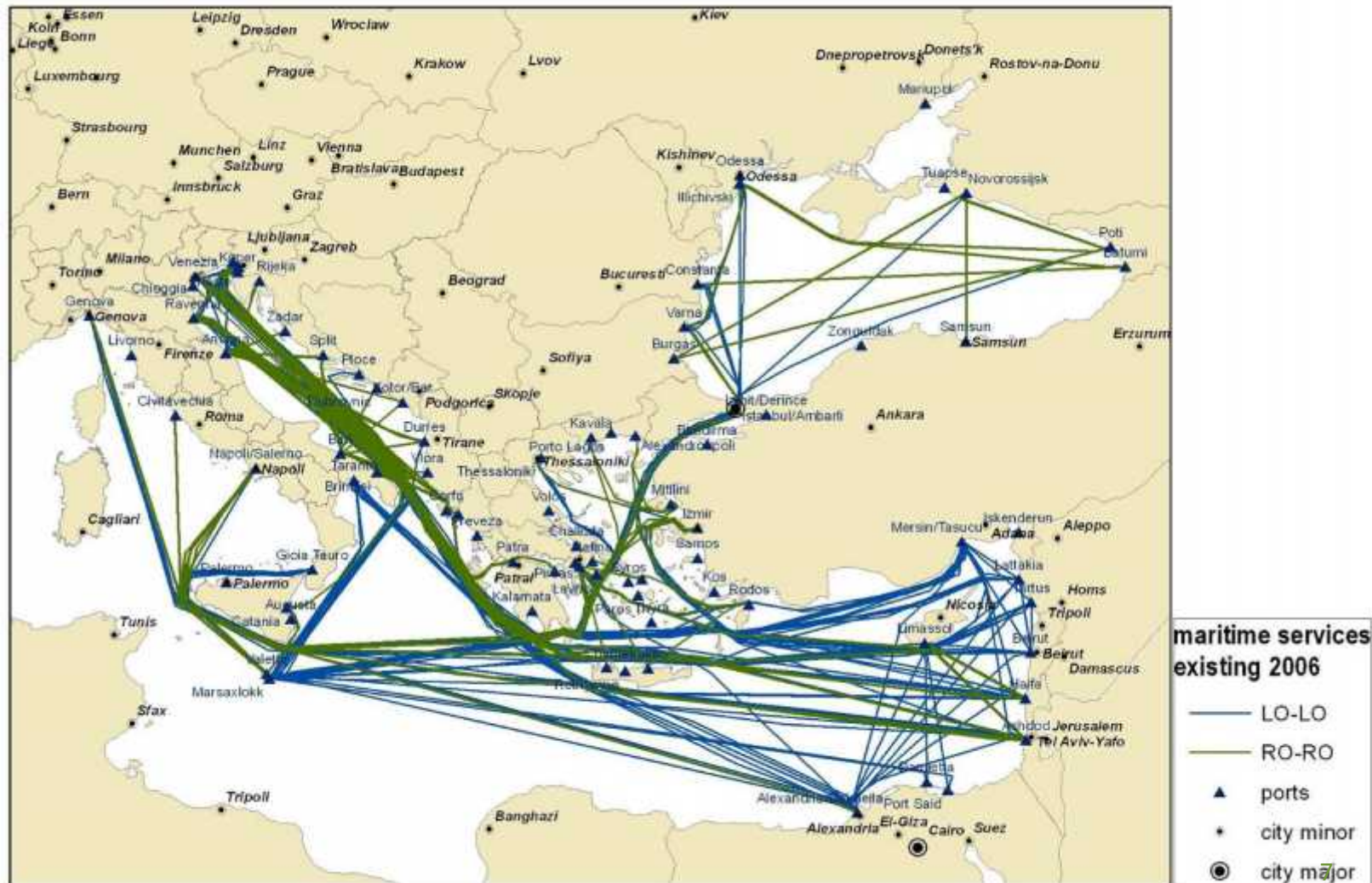
# Motorways of the Sea



## Igoumenitsa's characteristics:

- Daily connections with the North Adriatic Ports
- Serves the Cargo Traffic from the regions of Epirus and Northern Greece to Italy, Slovenia, Croatia and Central Europe
- Serves Cargo Traffic from Turkey and Southern Balkans to Italy and Central Europe

# Existing Maritime Services



# Green AgriChains & Igoumenitsa

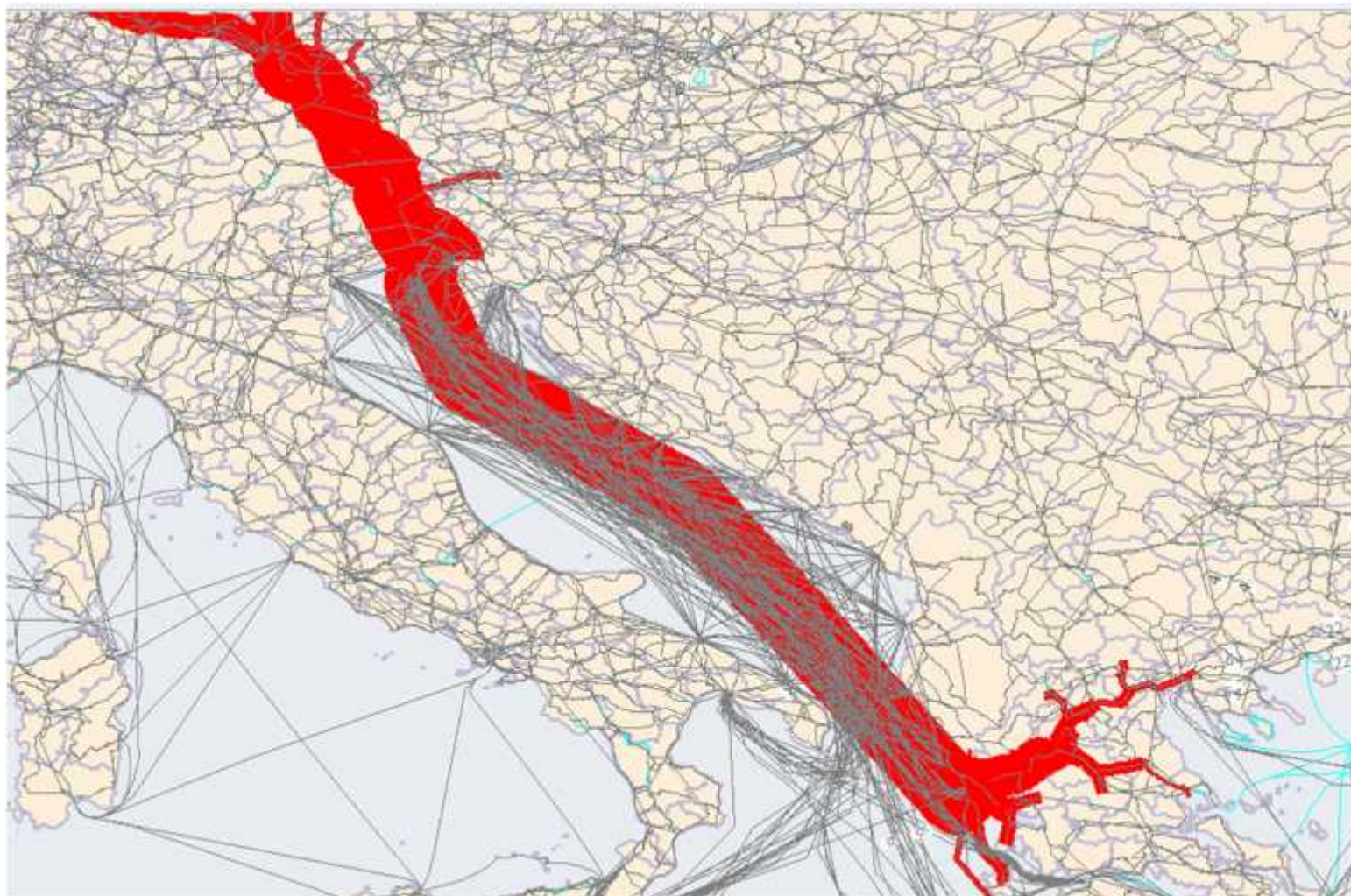


- Agrifood
  - Most of the Northern Greece’s agricultural products are being transferred through our port to the Central Europe’s markets.
- Transportation
  - Identification of bottlenecks in the “Igoumenitsa’s Agrifood Supply Chain”
- Energy consumption Efficiency
  - Propose solutions to Port Authority, Drivers, Shippers,etc.





# Sea Corridor Igoumenitsa - Trieste



## Critical Factors that influence the success of the Motorways of the Sea in Igoumenitsa



- *Price: Ship's fare, in combination with the travel cost's from/to the port (road or rail)*
- *Departures/Arrivals schedule: Regular schedule*
- *Reliability: Keeping arrivals and departures on-time*
- *Time of loading/unloading*
- *Port's efficiency: time of loading, safety of the vehicles within the port's area, access to the main road network, administrative procedures, security procedures –*  
**Bottlenecks that influence the port's efficiency**
- *Ship's facilities: Restaurants, Cabins and facilities to serve the driver's on board.*

# Identification of bottlenecks



- Bottlenecks influences port's effectiveness and profitability
- Identification of the supply chain points where traffic congestion or lack of connections exists (in the Adriatic area).
- Classification of bottlenecks in:
  - Infrastructure: Ports and their connections
  - Administration and operation of ports
  - Other services

# Bottlenecks in Igoumenitsa



## Infrastructures

- No railway connection in the port.

## Administration & Operation

- No fully development Port Community System
- The Arrivals/Departures schedule is not “*strict*”
- Too much time in security clearance procedures

## Other services:

- No real-time data exchange between Greek & Italian ports
- VTS faces constant malfunctions

# Solutions provided

- Development Projects :
  - Railway Connection (Western axis).
    - Connection with the existing network
      - National Railway (OSE) submits final studies to the next CEF Transport call in February 2016
  - Port Community System
    - Most of the modules have been developed. Last modules and data exchange with Italian ports is under development
  - Freight Village
    - Final studies have been completed. The creation of a subsidiary company and the construction of the freight village will be proposed by the PA to the next CEF Transport call in February 2016

# FREIGHT VILLAGE



## **Studies already completed**

**Physical Planning for bipolar Freight Village**

**Feasibility study**

**Master Plan – Phase I & Phase II**

**Transport study**

**Urban Planning Study – Phase I & Phase II**

**Strategic Environmental Impact Analysis (SEIA) – Environmental Impact Analysis (EIA)**

**Business Plan - Investment Plan, Source of funding, Time schedule of implementation**

**Design of Freight Village**

# FREIGHT VILLAGE



**Overview of Industrial Park in proposed area Grika**

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**Thank you!!!**

