

Athens International Airport



For-Freight EU Project **Port-to-Airport multimodal freight transport**



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For-Freight EU Use Cases



The sea-air cargo project






- ✓ **Sea-air study by University of Piraeus (2004)**

- ✓ **MOU's with PPA (2006), PCT (2010) & PCDC (2017)**
 - ➔ **Further simplification of Customs procedures**
 - ➔ **Establishment of a seamless connection port to airport**
 - ➔ **Standardization of flows**
 - ➔ **Same-day onward air-connection**
 - ➔ **Reduction of cost & time**



The sea air cargo concept

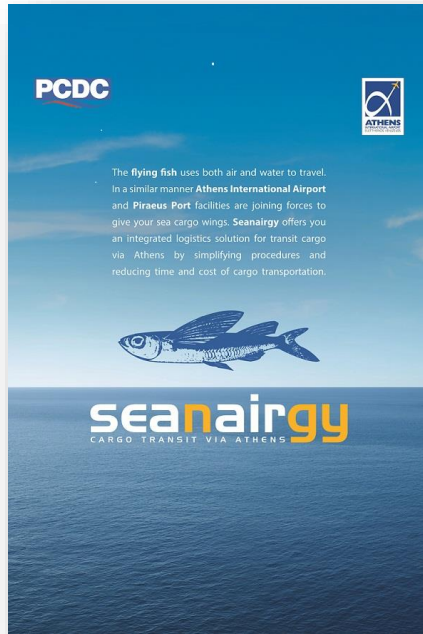




  




The flying fish uses both air and water to travel. In a similar manner Athens International Airport and Piraeus Container Terminal are joining forces to give your sea cargo wings. Seanairgy offers you an integrated service of cargo transit via Athens by simplifying procedures and reducing time and cost of cargo transportation.

seanairgy
CARGO TRANSIT VIA ATHENS





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The joint effort to generate new volumes of multi-modal traffic through specific and simplified procedures

For-Freight EU with SeanAirgy as Greek Pilot



- Greek Use Case (**seanairgy**)
CARGO TRANSIT VIA ATHENS
- Spanish Use Case
- Romania Use Case

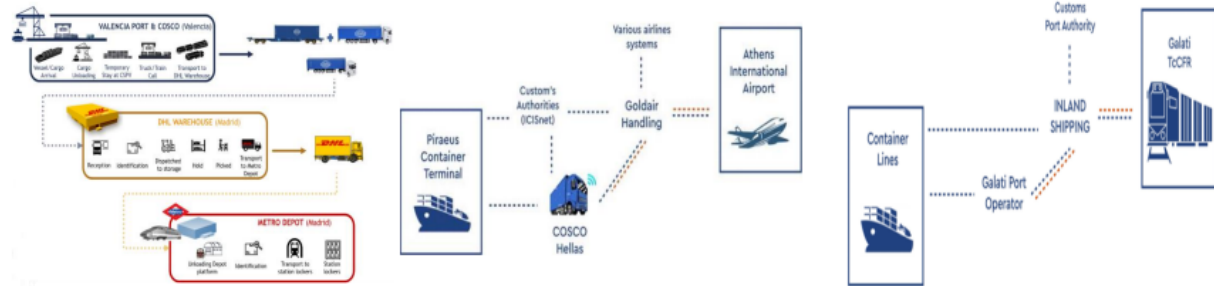
✓ **As part of the broader European For-Freight program, the Sea-Air Cargo Project evolves into a key element of the Greek Pilot.**

- **Start Date: Sept 2022**
- **Duration: 40 months**
- **3 Pilots: Greek, Spanish, Romanian**

FOR FREIGHT Flexible, multi-modal & Robust FREIGHT Transport

The project's UCs are:

- UC1 (Spain):** Blockchain & Digital Twins to support Decision Making Process in multimodal transport combined with a Subway-Based Network for sustainable last-mile distribution.
- UC2 (Greece):** Port-to-Airport multimodal freight transport: End-to-end optimization with DSS and real-time monitoring & control capabilities.
- UC3 (Romania):** Riverport to warehouse hub via railway network - Galati Port.



Spanish Use Case Goals:

1. Improve information flow and visibility
2. Improve truck planning and truck staying at the port and terminal
3. Reduce traffic congestion at the port
4. Faster distributions through the existing nodes
5. Use a more efficient and sustainable transport mode in the last mile distribution – METRO.

Greek Use Case Goals:

1. Prioritization of interoperability, efficiency, and seamless connectivity among different actors
2. Reduce the increased multimodal costs and CO₂ emissions
3. Optimize inventory management systems
4. Introduce innovative features to enhance logistics operations.

Romanian Use Case Goals:

1. Enhance remote monitoring capabilities for logistics operators and users (tracking)
2. Smooth functioning in the port area connecting the whole ecosystem
3. Automation of processes that are now manually executed
4. Reduced GHG emissions based on carbon footprint analysis.






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Let's take a closer look at the For-Freight project

[Video Presentation](#)