

Cross-cutting IT systems and platforms

Transport planning and execution

Developed by :

ModalNET: Real-Time Digital Twin for Integrated Freight Management





\* \* \* Funded by the European Union This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101096923

**Operational fields** 

Technologies

**Solutions** 

## MODALNET: REAL-TIME DIGITAL TWIN FOR INTEGRATED FREIGHT MANAGEMENT

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SEAMLESS



Solution description

### **Tracking freight**

ModalNET is a digital platform to monitor the logistics chain to provide a macro-level view of the freight flow, the transport modes and connected physical assets.

Additionally, it offers capabilities to perform the booking, create vessel schedules, and provide alternatives route options.



- **Consignor** can make any booking through ModalNet and select the most suitable route and vessel
- Freight-forwarders managing different transport operations from different clients can monitor the realtime status
- Shipping line can offer their services through the platform

#### Main beneficiaries:

- Consignor
- Freight-forwarders
- Shipping lines

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Technology readiness level : 7 Implementation stage : **Pilot** 

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### Would you like to know more? Take contact :



- IT Project manager
- - Sede APV Edificio III, Avda. del Muelle del Turia, s/n
- pgimenez@fundacion.valenciaport.com
- +34 96 393 94 00
- https://www.fundacion.valenciaport.com/





