



Cross-cutting IT  
systems and  
platforms

Transport planning  
and execution

# 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

Developed by :



Project by :



Operational fields

Technologies

Solutions



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

Cross-cutting IT systems and platforms

Transport planning and execution



## 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.

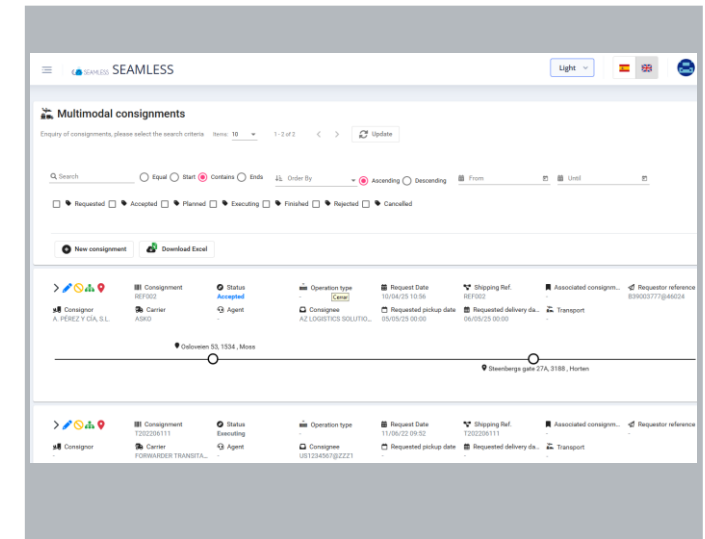


## Benefits

- **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 real-time status
- **Shipping line** can offer their services through the platform

## Main beneficiaries:

- Consignor
- Freight-forwarders
- Shipping lines



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

Operational fields

Technologies

Solutions



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

Cross-cutting IT systems and platforms

Transport planning and execution



Learn more



Project QR code to website



Project QR code to LinkedIn



Would you like to know more?  
Take contact :



Pablo Giménez  
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/>

Operational fields

Technologies

Solutions

