**NAME OF CASE**

**Description:**

Freight4All project aims at tackling the fragmented functioning of transnational multimodal freight transport chains by providing an interoperable and distributed ICT solution. It will facilitate the remote collaboration of the involved parties and joint use of available e-logistics systems, thus strengthening territorial cohesion and providing cost effective and sustainable services. The real life cases and extensive communication program will effectively capitalise results to the wider transport community.

**KeyWords:**

IT-technologies and solutions (for management and administration); Business to business (B2B) solutions, cooperation; Communication between authorities: cooperation, procedures, legal frameworks; Communication between businesses and authorities: coordination, consultation; Data collection and statistics; Working and implementation guidelines

**Benefits:**

- Integration with minimum adaptation requirements
- Interoperability of existing transport ICT solutions
- Accessibility to all users of the transport community
- Confidentiality and security of business transactions
- Publishing of transport related services
- Evaluation of the transport chain performance
- Support to e-document exchange
- Cross-sector applicability
- Multidisciplinary integration

**Success Factors:**

- High stakeholder orientation by involving major intermodal hubs.
- Regional authorities supported the local transport community to obtain access to the major transport networks.
- Mix of decision makers and business actors ensured the involvement of a representative number of relevant users.
- Innovative character.
- Supply chain actors have easy access to information and services.
- Solution founded on a harmonised organisational framework.

**Supported Strategic Targets:**

- Collaborative transport logistics through electronic transactions
- Increased efficiency / productivity of logistics processes
- Competitive logistics and transport system
- Low cost accessibility to e-logistics services
- Increased safety and security
- Highest safety and security
- Increased competitiveness

**Case Logo or Picture:**

[Freight4All Logo]

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The Freight4All Distributed ICT Platform addresses the collaborative management of long transnational transport chains taking advantage of existing e-logistics platforms functioning at various regions across the MED area. The innovative approach introduces a generic layer that facilitates the smooth interaction of available ICT capacities with common and/or complementary services.

The Italy-Spain demonstrator consists on the implementation, testing and validation of the Freight4All end solution in a real life transport chain linking all actors involved in a smoothly interoperable way, adapted to the local conditions, which have been validated both in terms of operability and viability.

The business scenario consists of export flows of containerized cargo from Bologna catchment area to Valencia surrounding area. Most of these flows have overseas ports as final destination, but transhipment in Valencia takes place and part of the cargo is landed and transported in the hinterland to the final customer.

The scenario of this transnational transport chain focuses on a complete transport service including the Planning phase and the Monitoring of the transport.

The tested activities are:

- Planning of a complete D2D multimodal transport chain
- Booking of each single transport service/leg
- Monitoring of the transport

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**Starting Point/Objectives/Motivation:**

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In the current situation (before project), the shipping agent is in charge to organize the whole transport chain from the consignor up to the consignee, based on the requests for a door to door transport received from the shipper/forwarder. Once identified the service providers to be involved, the shipping agent has to:

- To request the MTO in Italy for a transport service from the Bologna area to the La Spezia port.
- Booking for the sea transport service to the shipping line.
- To request the Road Carrier in Spain for the transport service from the Valencia port to the final destination.

Once all the service providers confirm the transport service the planning is concluded and the execution of the transport can start.

Freight 4 ALL platform has the capacity to interface with most existing systems, thereby freeing users from the constraints inherent to frequent changes in communication protocols. Fully flexible and configurable, the Freight 4 ALL platform is simple to deploy and adapt thanks to a dedicated admin interface.

Freight 4 All involves major intermodal hubs, capable to bring real cases and corresponding actors. The mix of decision makers and business actors ensures the involvement of a representative number of relevant users from various regional communities towards long term business affairs.

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Relevant transport modes or supply chain elements:
- Deep sea vessels
- Intermodal hubs: terminals and ports

Main actors involved:
- Shippers
- Logistic service providers