



## Mediterranean Ports Sustainability & Efficiency in Intermodal Synchronisation

### MED-PORTS



**Priority 3** Promotion of better conditions and modalities for ensuring the mobility of persons, goods and capitals

**Measure 3.2** Improvement of conditions and modalities of circulation of goods and capitals among the territories



Project  
funded by the  
**EUROPEAN UNION**



**REGIONE AUTÒNOMA DE SARDIGNA**  
**REGIONE AUTONOMA DELLA SARDEGNA**

## Project in brief

As gateways for container traffic from Asia to Europe, the ports located in the Mediterranean basin play a crucial role in international trade. However long-time inspection of goods at checkpoint borders cause massive storage of containers in ports which often do not have enough storage capacity. In addition, the lack of real-time information about freight circulation may lead to inefficiencies in logistics and supply chain management.

**MED-PORTS** aims to develop synchronisation models for logistics in ports of the Mediterranean area with a view to fostering the reduction in residence time of goods, the traceability of movements in container terminals and the use of 'radio-frequency identification' technology.

## Beneficiary

Andalusian Institute of Technology (Spain, Andalucía)

## Partnership

1. Exploitation office of the Port of Tripoli (Lebanon)
2. Business Incubation Association in Tripoli (Lebanon)
3. Al-Balqa Applied University (Jordan, Al-Balqa)
4. Port of Seville (Spain, Andalucía)

## Specific objective

To optimize time synchronization of intermodal freight exchanges so as to minimize the permanence of goods in Mediterranean Sea Basin ports and obtain a higher level of service (quality, safety, delivery time) for the different actors of the supply chain

## Expected results

- Set of technical solutions designed to optimize goods movements
- Capacity of port authorities strengthened to enable the development and implementation of improved technical solutions
- Standard procedures to process goods in different ports in Mediterranean region defined
- Increased competitiveness of concerned ports through reduced time for operations

## Main activities

- Production of guidelines for analyzing operations at ports terminal and technical - economical feasibility proposals for efficiency improvement
- Development of the requirements for a port community system defined as an electronic platform that connects the multiple systems operated by the variety of organisations part of a seaport community
- Implementation of pilot technological solutions in order to verify the achieved level of the synchronization of intermodal freight exchanges, measuring especially operational times and times of residence
- Drafting of a guidance on how port community systems can be used to improve the efficiency of logistic operations at port terminals

## Target groups

- Institutions and agencies dealing with containers transport and handling industry
- Terminal operators specialised in supply chain
- Port authorities

## Final beneficiaries

- Business support organisations, entrepreneurial associations, industrial districts
- Enterprises active in supply chain and specifically in maritime logistics
- Container shipping companies and their customers

## Duration

24 months (November 2013 - November 2015)

## Budget

- Total budget: € 802.167
- Programme contribution: € 721.951 (90%)
- Project co-financing: € 80.216 (10%)

## Website

<http://www.medports.net/>

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