



# PORT-HINTERLAND DEVELOPMENT FOR CONTAINERIZED TRAFFIC

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REGIONE  
LAZIO

ECITL 2014

*From good ideas to good products  
and services: ways of exploitation  
and commercialisation of R&D  
results*

November 6th, 2014

# Outline

About FUTUREMED

Products of FUTUREMED

Port-hinterland integration

UIRnet ICT platform and Customs Corridor

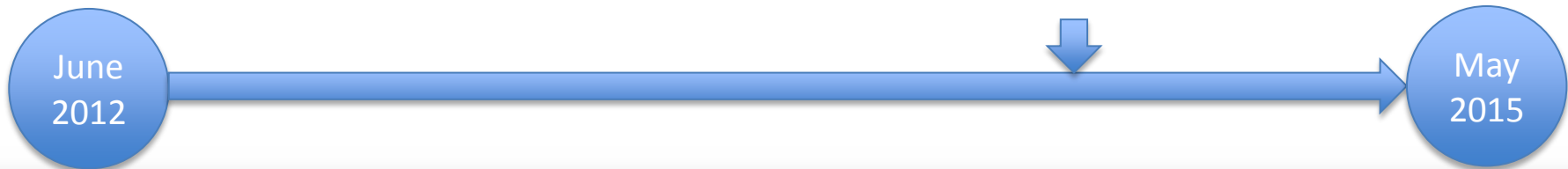
Exploitation strategy

# FUTUREMED

- Is funded within the MED Programme with 5.3 M€ budget

- Stands for...

**F**reight and passengers **s**upporting infomobili**T**y systems for a **s**ustainable imp**R**ov**E**ment of the competitiveness of port-hinterland systems of the **MED** area

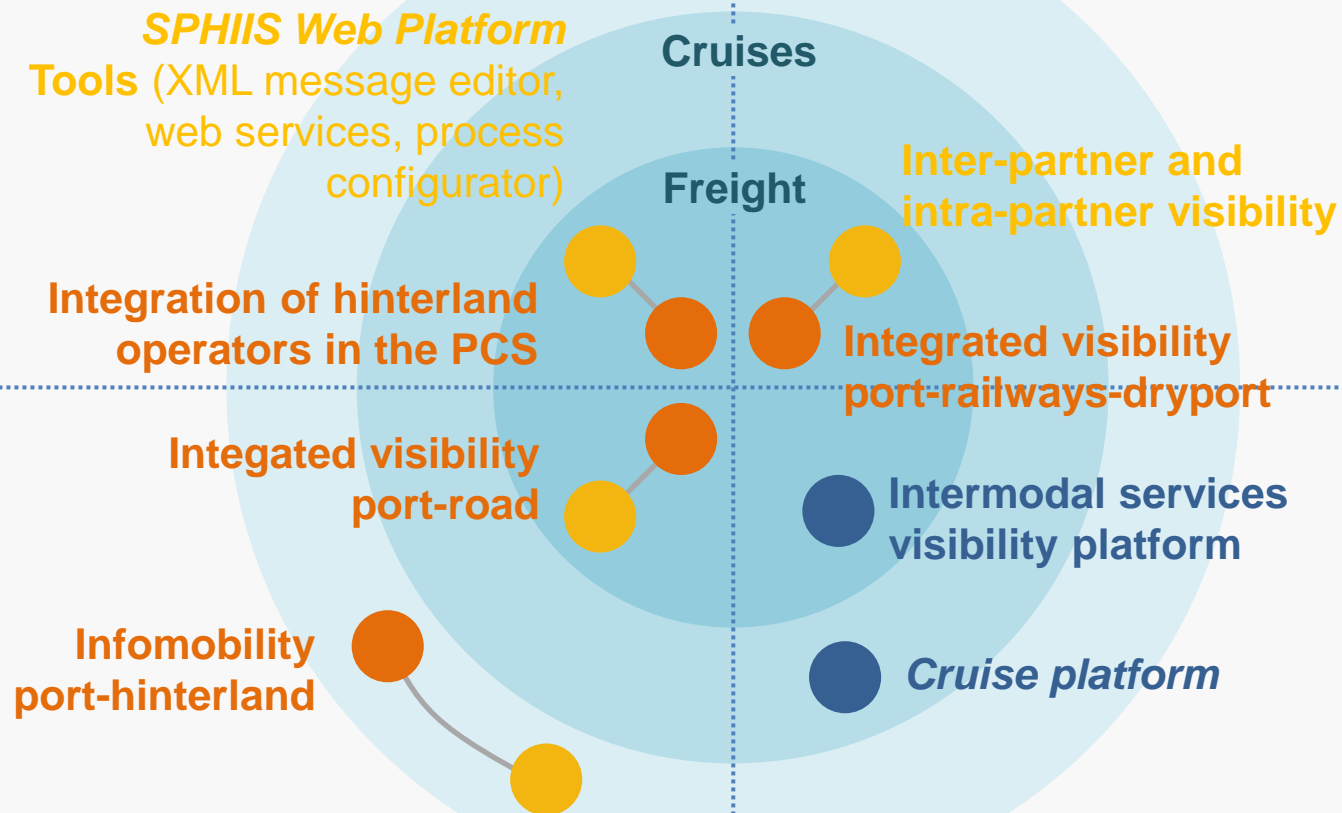




# Products of FUTUREMED

Spain

Greece



- Corridor-related
- Transferable to MED Area
- Specific for MED Area

Italy

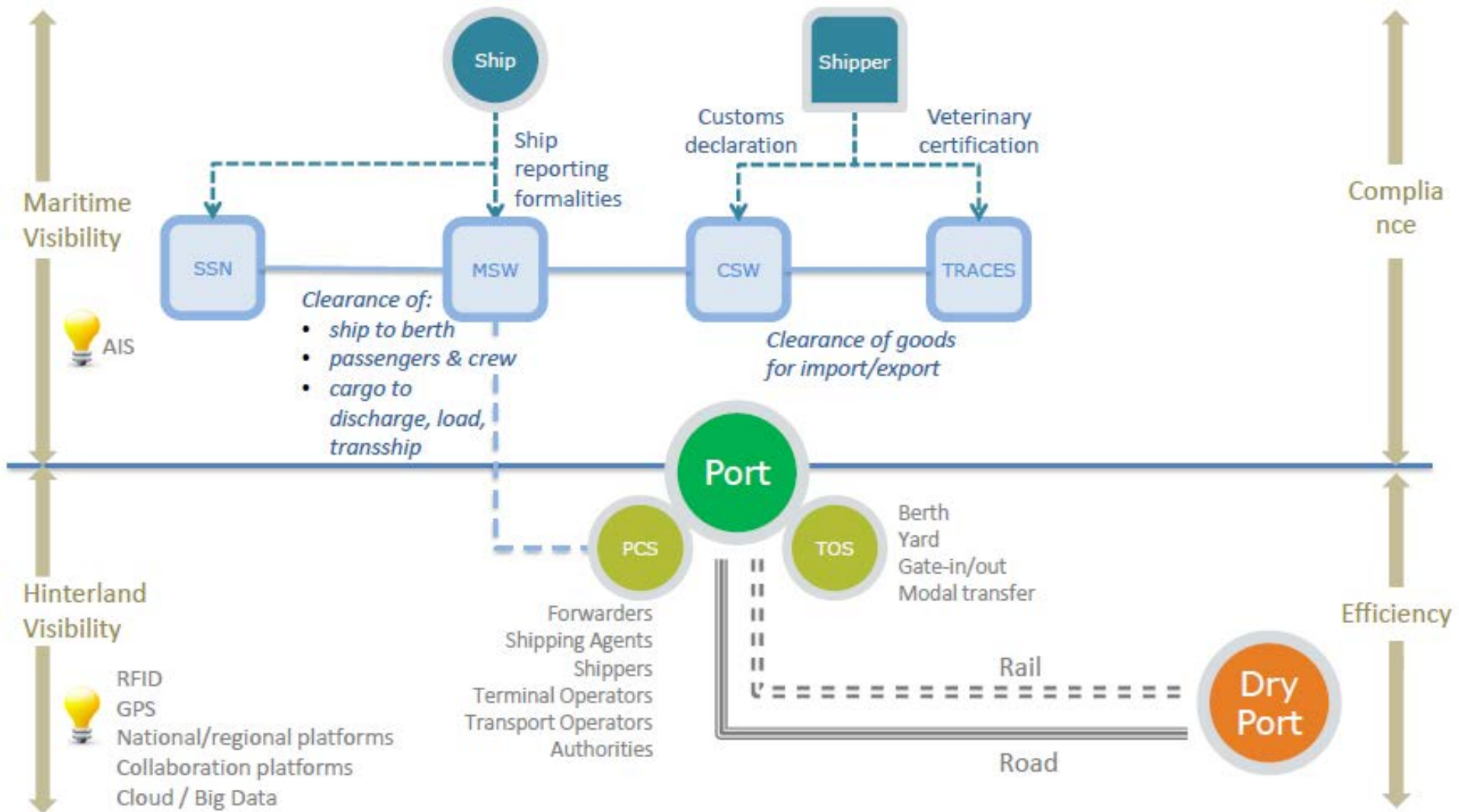
MED Area

# ICT vision of FUTUREMED

- Intermodal chain visibility
  - To be provided through web-platform focused on the provision of intermodal transport services' visibility along the Med port-centric supply chains
- Services
  - transport services availability (maritime-rail) along Med port-centric supply chains (routes, timeplans)
  - intermodal (maritime-rail) planning from a selected location, through a Med port to its hinterland
  - periodical information provision on changes regarding rail port-hinterland services



# Port-hinterland integration



# Business case in Central Italy

- Pilot case of an info-mobility system for freight operators to realize a customs corridor
- Dynamic and realtime integration of information to manage transport flows from and to the port of Civitavecchia (Rome)
- Expected improvement of port accessibility at information level, increase of quality of port services (reduced throughput time)
- Involvement of Regional Administration, Port Authority, Shippers, Logistics operators, ICT service provider



# Territorial context

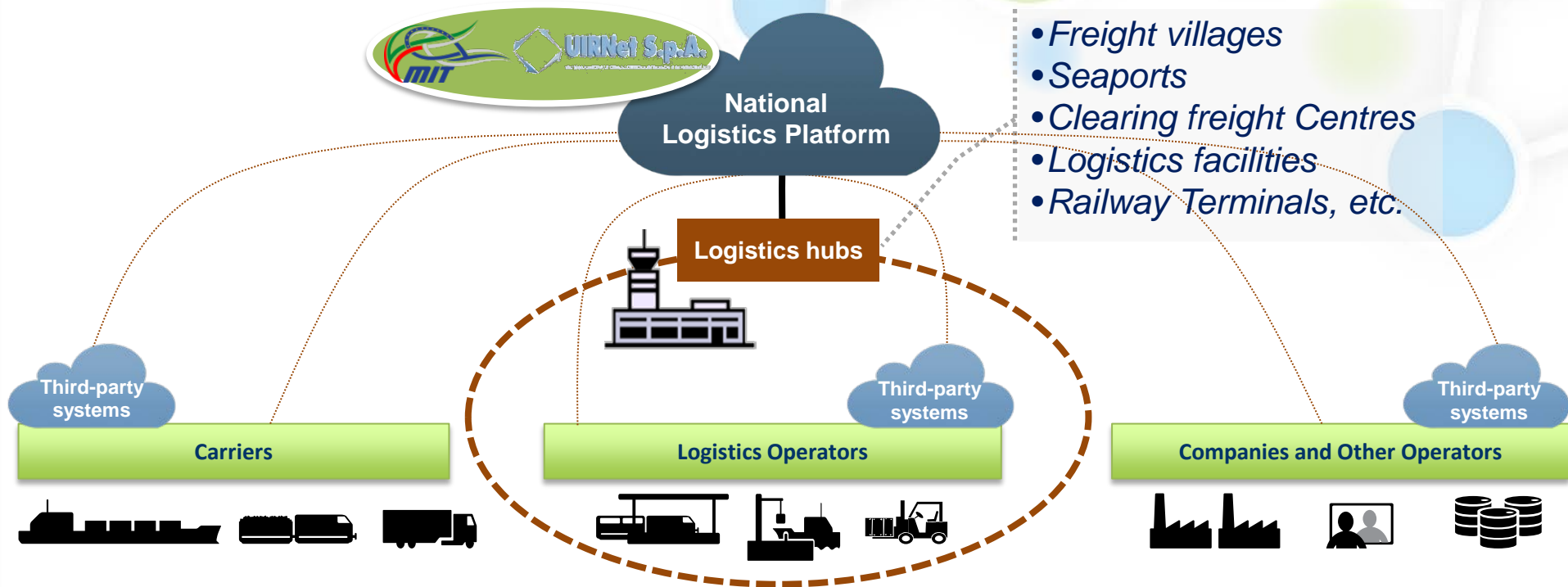


# SWOT analysis

Strengths	Weaknesses
<p>Enlargement of terminal container            Deployment of the UIRnet platform            Operative status of the dryport            Preclearing operative            Logistics and transport facilities available close to the port</p>	<p>Regional logistics sprawl            Fragmented transport demand            Delays to develop logistics facilities close to the port            Poor rail freight services/demand</p>
Opportunities	Threats
<p>Regional plan for transport            Investments of Port Authority            Investments of national railways            Cruises</p>	<p>Delays of investments            Sprawl of resources            Lack of coordination among decision makers            Lobbies</p>

# The UIRnet telematic platform

www.uirnet.it



# Services



**SmarTruck**



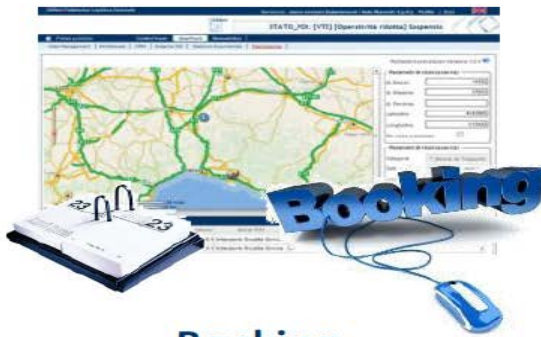
**Dangerous Goods**



**Control Tower**



*National telematics platform for logistics*



**Booking**



**Freight Taxi**



**Gnoscere**



# ICT application: Customs Corridor



MSC from Gioia Tauro

Port of  
Civitavecchia  
Container Terminal



Interporto di Orte

Cargo Manifest  
(Pre-Clearing)

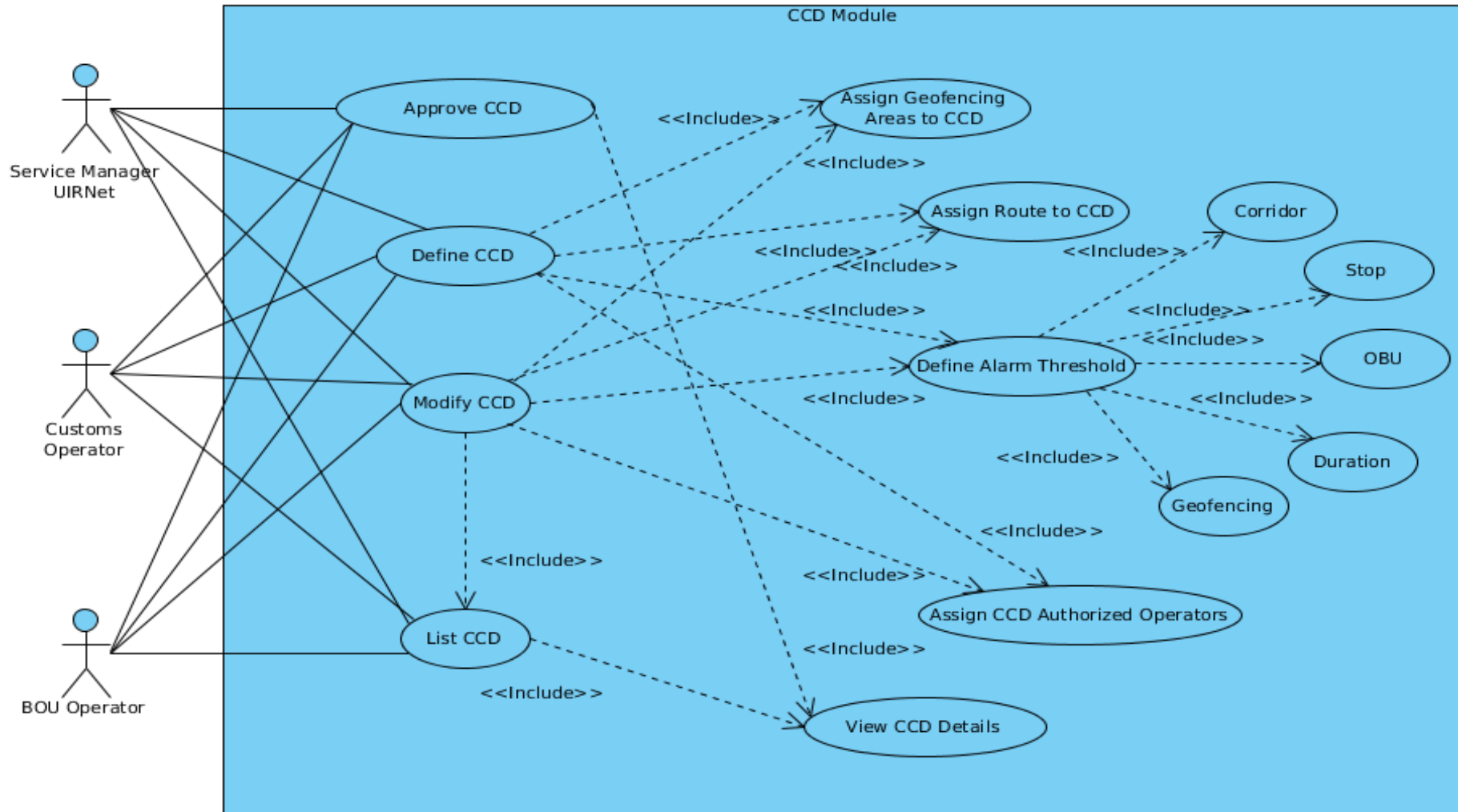
Customs, PMIS



Statistics, Performances,  
Flows (Visibility)



# Customs Corridor – use case





# Customs Corridor - screenshots

Gestione Flotte   Gestione Missioni   Gestione Allarmi   Gestione Terminali   Gestione Aree   Operatore ?

**Dati della missione**

**Nome missione:**       **Descrizione:**

**Stato Corrente:**      **Numero modifiche:**

**Flotta:**       **Veicoli della flotta:**

**Conducente 1:**       **Conducente 2:**

**Data/ora inizio missione:**       **Orario:**

**Data/ora fine missione:**       **Orario:**

*Create and manage monitored transport*

**Punti di missione :: 0 selezionati**

Aggiungi

<input type="checkbox"/>	Public	Interm	Punto	Categori	Id POI	Nome	Indirizzo	Sta
Pagina 1 di 0								

**Unità di carico :: 0 selezionati**

Aggiungi

N. Ordine	POI carico	POI scarico	Quantità/Colli	Peso (kg)	Volume (m
Pagina 1 di 0					

**Calcola percorso :: Non ha percorso associato**

Calcola percorso   Dettagli sul percorso   Visualizza su mappa

**Documentazione missione**

Gestisci documentazione...

Torna a...   Salva   Salva come draft

*GIS support to monitoring*

Portale pubblico   SmarTruck

Alert Management | Middleware | CRM | Sistema GIS | Gestione documentale | Prenotazione

Italia

**Veicolo fermo o avaria**  
24/09/2014 11:55:13

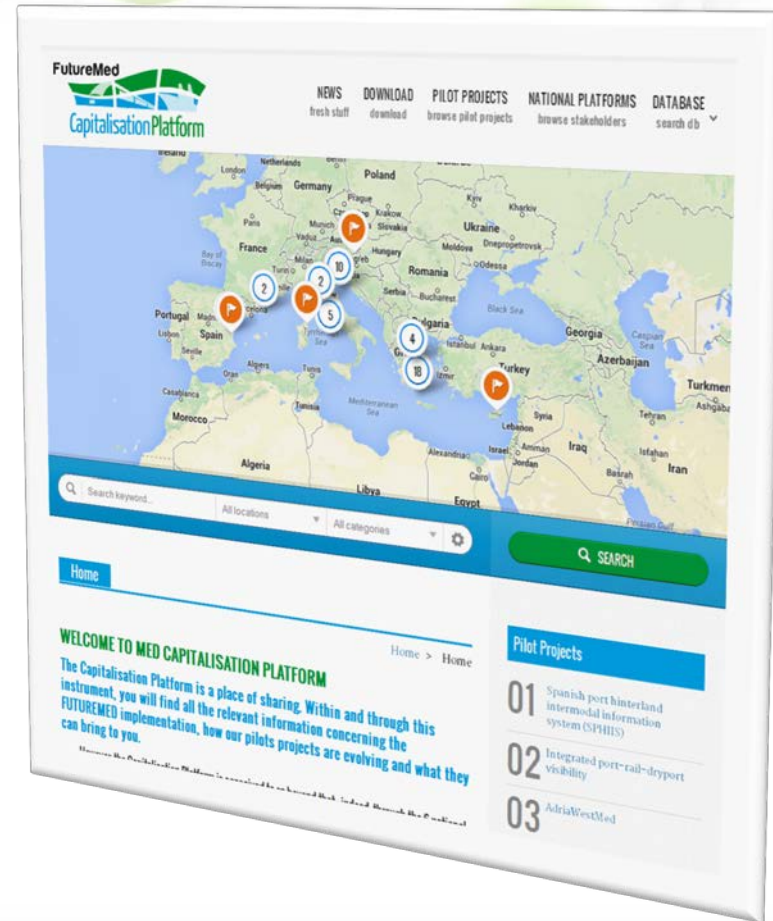
Veicolo fermo o avaria tra Pratola Peligna-Sulmona e Cocullo dal Km. 121.6 al Km. 136.8  
**Autostrada**  
A25 TORANO-PESCARA  
TORANO-PESCARA in direzione autostrada Roma-Teramo

# Business values

- Speed up of container movements through the port, avoiding to prepare the T1 document
- Collection and secured exchange of information in compliance with the Customs procedures.
- Reduction of:
  - Total transit time from container clearance at the the port terminal to final delivery to customer
  - Door-to-door cost of transprot service
  - Number of round-trips of vehicles per container
- UIRnet is operative and has more than 100.000 registered vehicles
- UIRnet is interoperable and has been established as national reference platform

# Exploitation strategy

- *Pilot projects*
- *Public-private cooperation*
- *Stakeholders platforms*
- *Capitalisation platform*
- *Permanent Observatory*



# Drivers

- Public involvement to aggregate, coordinate and stimulate stakeholders according to a win-win logic
- Public-supported service provision to SMEs in freight transport
- Business-oriented ICT applications and services, tailored and interoperable
- Actual decision-makers are essential to be considered in the freight and logistics sector

# In may 2015 final conference in Rome! Stay tuned!

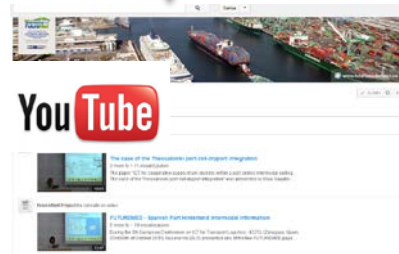
Linked in



Capitalisation  
Platform



www.futuremedproject.eu







**Thanks for your attention!**

**Andrea Campagna**



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