



**“ECITL 2014, SUSTAINABLE DEPLOYMENT OF
COOPERATIVE ITS FOR LOGISTICS”**

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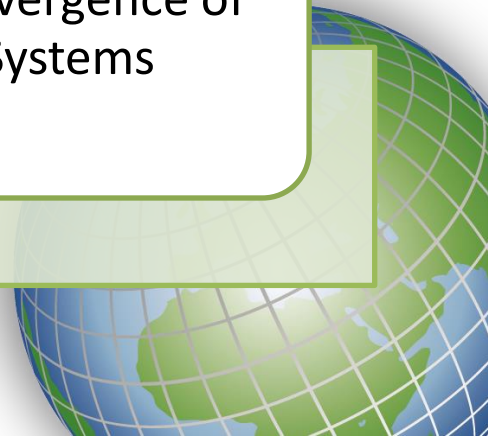


Project general objectives

To deploy, validate and set-up after project life of the piloted cooperative logistics services:

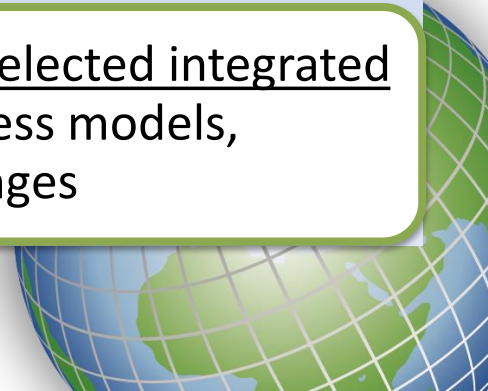
To effectively **increase energy efficiency by reducing fuel consumption** and equivalent CO2 emission and lower pollution for sustainable mobility of goods

To **improve the efficiency of logistics** through the convergence of M2M (and freight Object to Object) and Cooperative Systems (the connected car) technologies



Project objectives 1/2

1. Ensure successful deployment and after-project life of the piloted services, aiming at proving that cooperative logistics services (including intelligent cargo) combined with existing freight relevant services result in a more sustainable and cost effective goods transportation.
2. Create the concrete synergies with existing pilots and projects as well as exploiting former project results (e.g. EURIDICE, iCargo, FREILOT, Compass4D) especially those who are using standardised communications.
3. Enhance the use of more sustainable transportation by enabling better interfaces (using E-freight) between different transport modes in a more optimised way, ensuring control over the transport flow over the total transport chain in a manageable manner.
4. Create from pilot site experiences deployment models for selected integrated M2M and cooperative ITS services including guidelines, business models, manuals, training material as well as potential regulation changes



Project objectives 2/2

5. Establish and follow an effective strategy for harmonised testing, installation, monitoring, assessment and deployment of the integrated M2M and cooperative systems across all pilot sites.

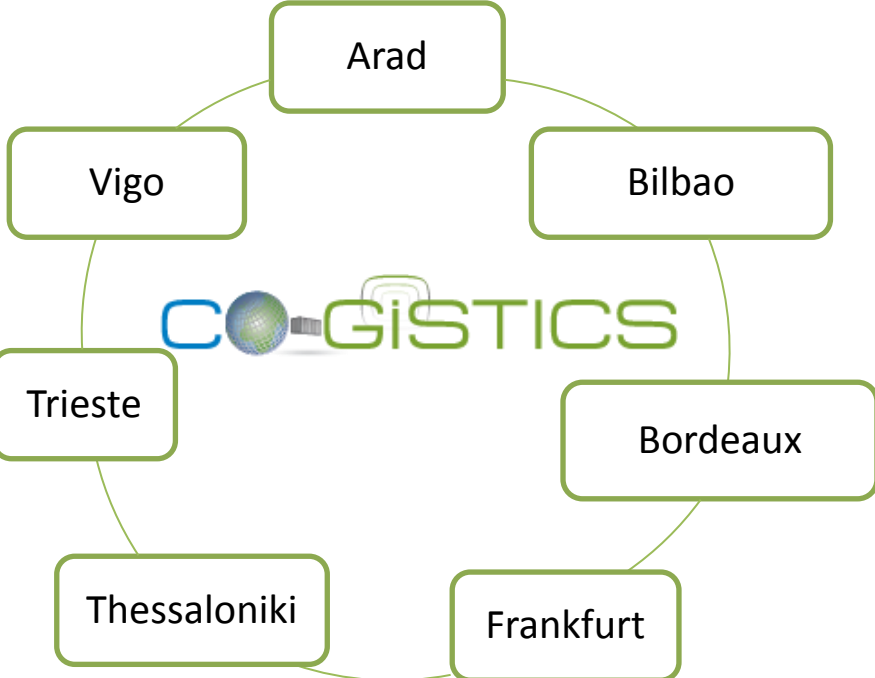
6. Collect critical mass of data during twelve months of operations of all services on each pilot site followed by a second phase during and after which the services are fully operable

7. Collaborate with relevant standardisation bodies in order to contribute to the interoperability of the deployed services (e.g. ETSI WG ITS on M2M)

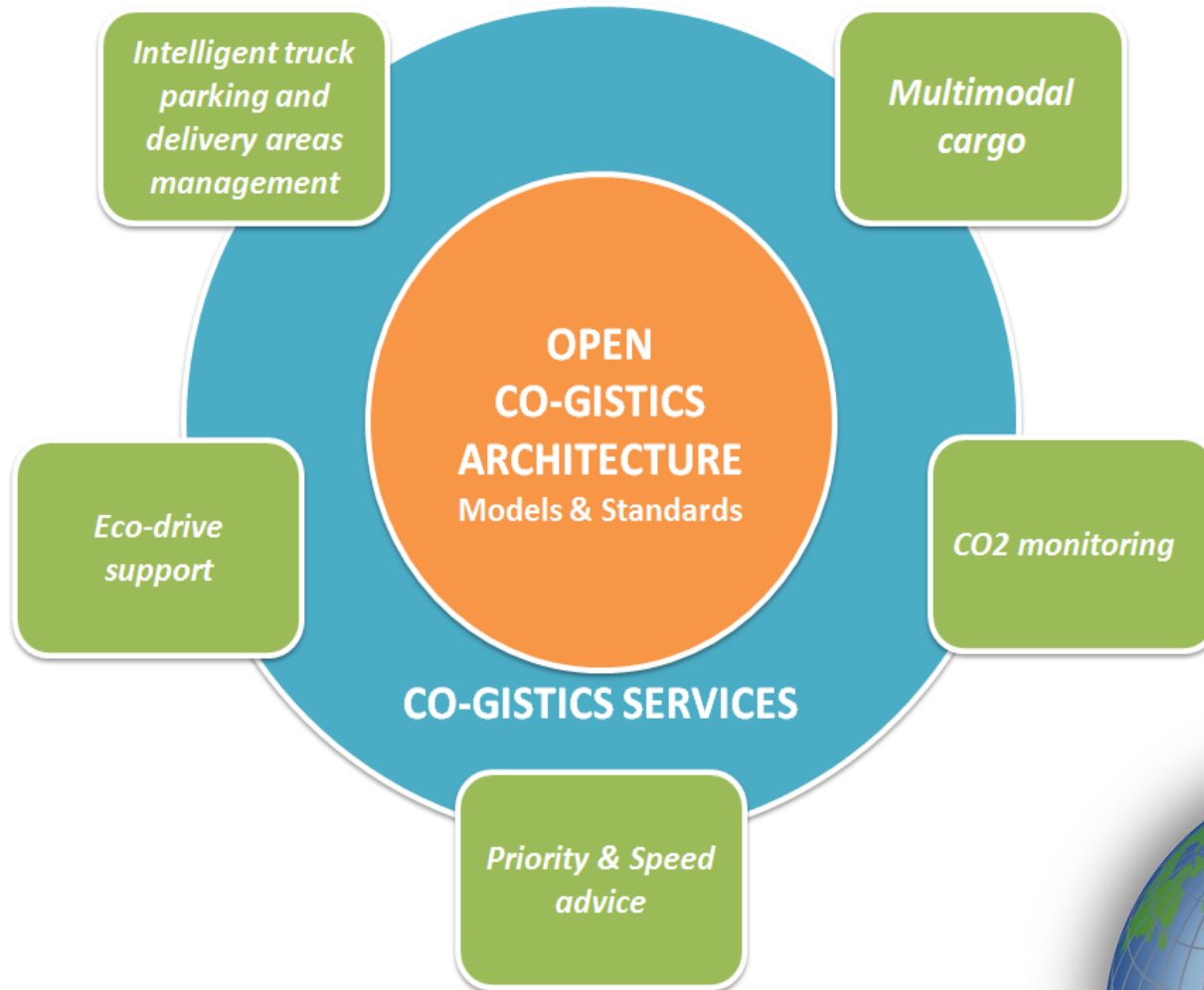
8. Disseminate and communicate activities and results to a large audience and concretely plan the exploitation of the results after the end of the project



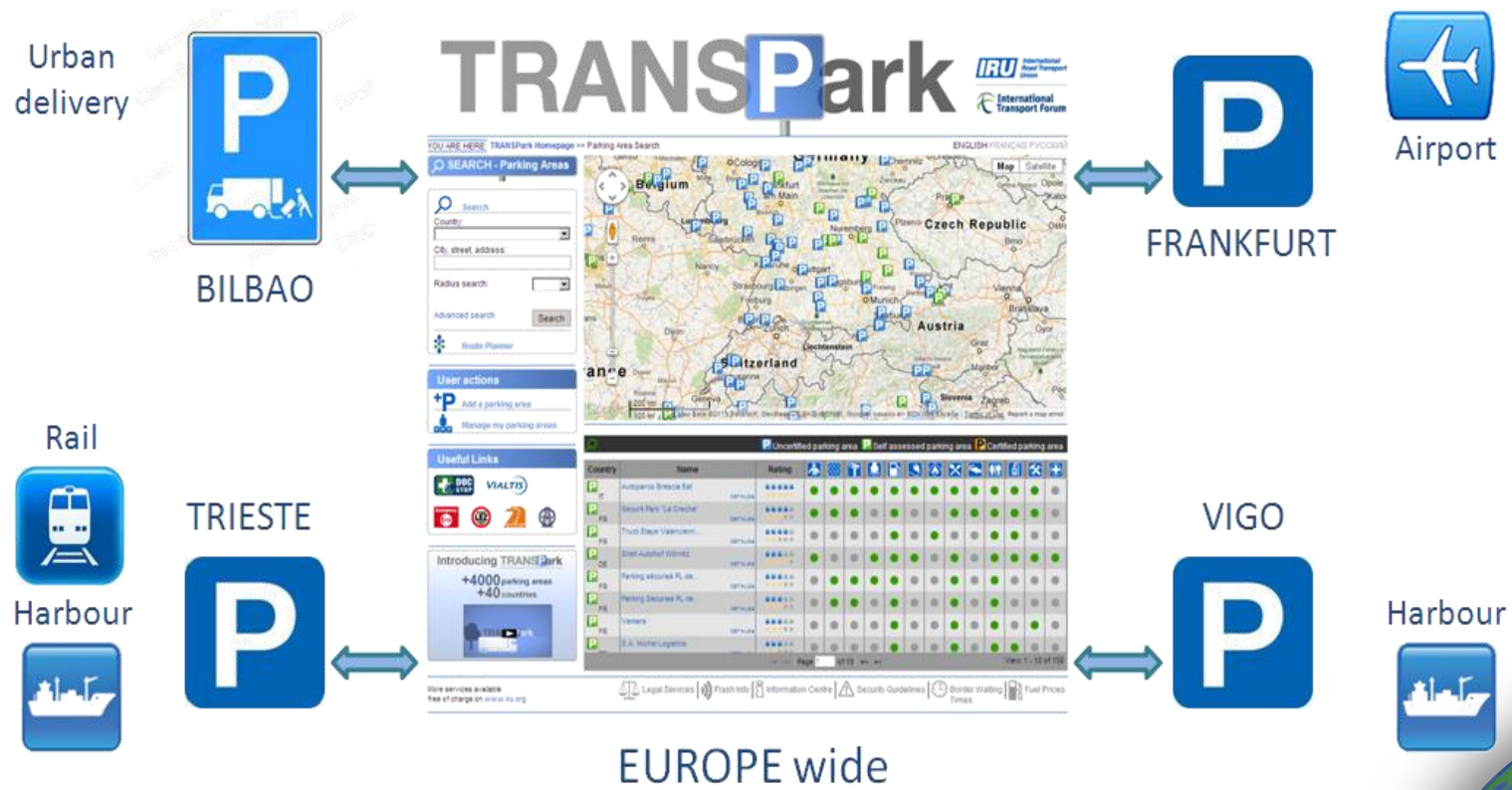
Pilot sites



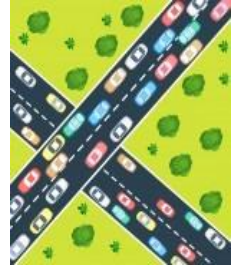
CO-GISTICS Services



Intelligent truck parking and delivery areas management (ITP/DAM)



Multimodal cargo

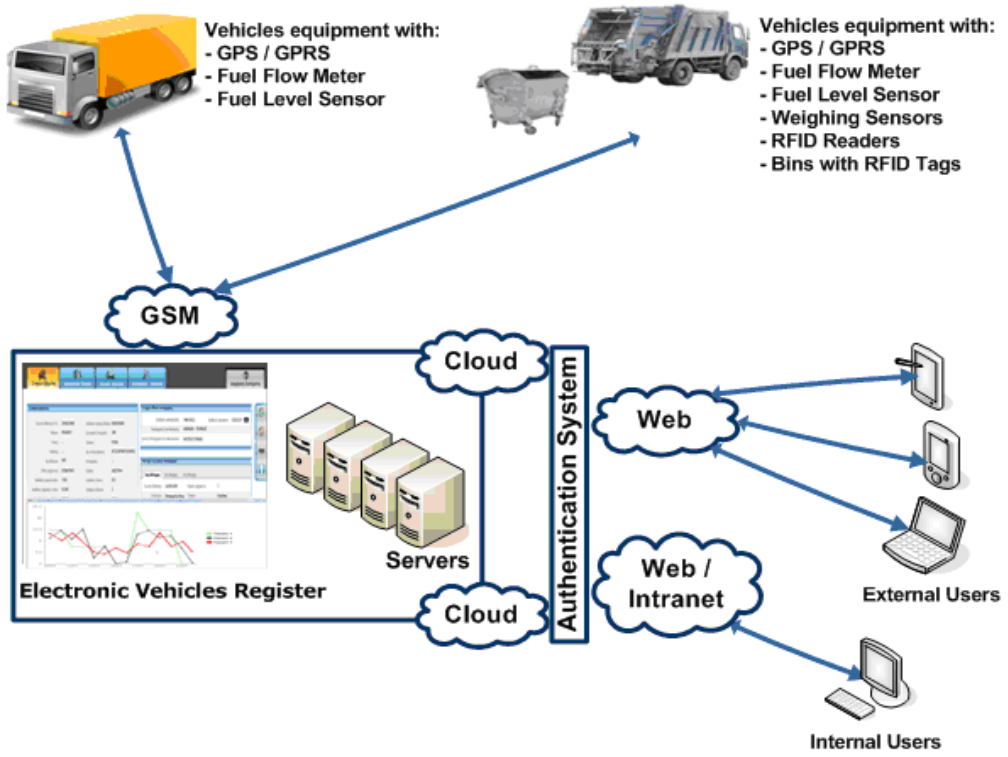


Priority and speed advice

- A general intersection approach advice to the freight transport
- Priority for selected transport vehicles



CO2 estimation and monitoring



HOME CALCULATION TARGET GROUP FIRST STEPS BUSINESS SOLUTIONS CONTACT

CALCULATION PARAMETERS

Weight: 100 Tons
Define handling: - change

Transport Chain Truck
Origin: Hamburg
Class: 24.40 t, EURO-V
LF: 60.0%
ETF: 20.0%
Destination: Trieste change

Transport Chain Train
Origin: Hamburg
Weight: 1000t
Class: electrified
LF: 60.0%
ETF: 50.0%
Destination: Trieste change

ACCOUNTING PROFIT

STANDARD GRAPH TABLE DISTANCES

CSV DOWNLOAD PDF DOWNLOAD

Show well to tank / tank to wheel

Energy unit: Megajoule Kilowatthours Diesel equivalents

Train Truck

Primary energy consumption
Energy resource consumption [Megajoule]

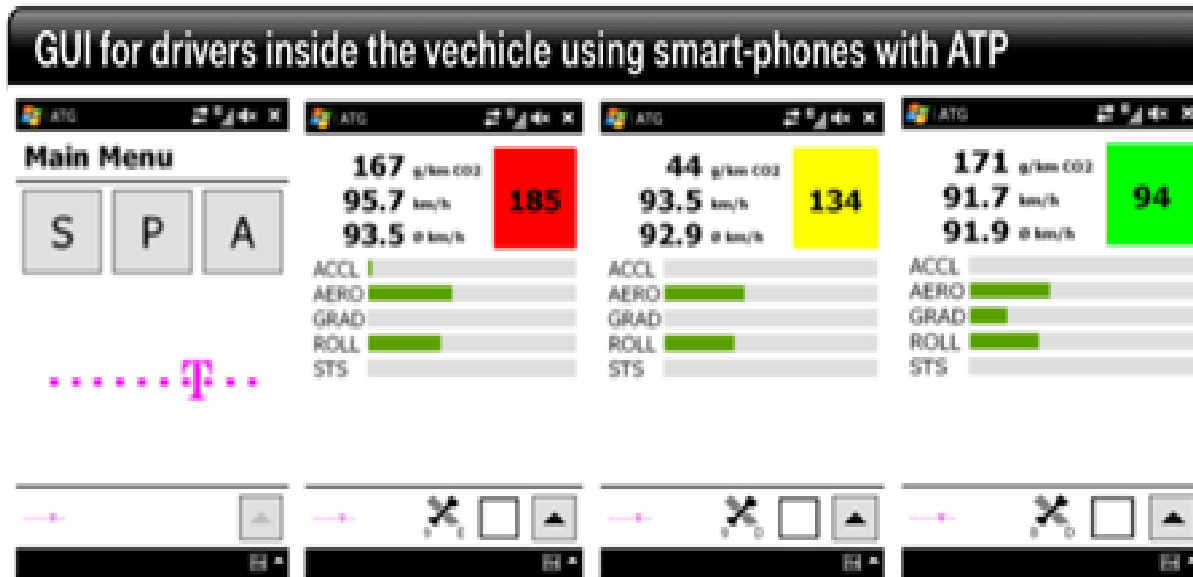
	TC Truck	TC Train
Truck	124.730	0
Train	0	40.684
Sum:	124.730	40.684

Carbon dioxide
Greenhouse Gas, climate changes [Tonnes]

	TC Truck	TC Train
Truck	7.88	0
Train	0	1.90
Sum:	7.88	1.90



Eco-drive support



CO-GISTICS services per pilot

Pilot site Services	Arad	Bilbao	Bordeaux	Frankfurt	Thessaloniki	Trieste	Vigo
ITP/DAM	X	X		X		X	X
Priority & Speed advice	X (speed advice)		X		X	X (speed advice)	X
Eco-drive support	X			X	X	X	X
CO2 foot-print estimation and monitoring	X	X	X	X	X	X	X
Multimodal cargo			X			X	



CO-GISTICS units per pilot site

Arad

- 20 drivers
- 20 trucks

Bilbao

- 20 drivers
- 20 trucks

Bordeaux

- 150 drivers
- 150 trucks
- 4 ships/day

Frankfurt

- Up to 50 drivers
- Up to 50 trucks

Thessaloniki

- 15 drivers
- 10 trucks

* Proof of Delivery

Trieste

- 50 drivers
- 50 trucks
- 3 trains/day
- 2 ships/day

Vigo

- 15 drivers
- 15 trucks



Project in a nutshell

NAME	Cooperative logistics for sustainable mobility of goods
ACRONYM	CO-GISTICS
PROGRAM	Competitiveness and Innovation
START DATE	1 st January 2014
END DATE	31 st December 2016
CONSORTIUM	34 partners
TYOLOGY	CIP Pilot B
SITES	7 pilot sites
BUDGET	9,996,000€
FUNDING	4,998,000 €
PROJECT OFFICER	Wolfgang Hoefs – DG CONNECT



Project Consortium



ERTICO Coordinator
PARTNERSHIP ACTIVITIES

Public authorities



Freight forwarders



Terminal operators



Mobility associations



Fundación Cluster de Empresas de Automoción de Galicia



clúster de movilidad y logística
mugikortasun eta logistika klusterra



HOUSE OF LOGISTICS AND MOBILITY

Service providers



Integrated Information System
for Mobility



Fleet operators



WEST EUROTRANS
Your Business Transporter



Research institute



Visit us @ CO-GISTICS booth



22nd
ITS World Congress
Bordeaux, France
5 to 9 October
2015

www.itsworldcongress.com

CO-GISTICS at the ECITL 2015

From 5 to 7 October 2015, the European CIP project CO-GISTICS is proud to co-organise the ECITL 2015 in Bordeaux, France, in conjunction with the next 22nd ITS World Congress.

During both events, the project will show its results in the exhibition area with a stand providing information on the project and a first demonstration of its work. A demo truck in the demonstration area will offer a live demonstration of cooperative ITS applications for logistics.

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www.ecitl.eu





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for a memorable success**





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