



MIT Metrocargo Intermodal Transport

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Final plan for use and dissemination of knowledge

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About the Document

This document is Project Deliverable D8.6.

This deliverable presents the result of the 24 months of work.

The document has been produced by the collaboration of the work package WP8, the participants to the work package have all duly contributed to the activity of the work package and to the production of this document and endorse this report as the conclusion of the work package.

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GENERALITIES

Introduction

Today railroad shipment of containers is limited to point-to-point trains, without the possibility of loading and unloading at intermediate stops. The reason is that wagons are loaded and unloaded vertically with gantry cranes or similar equipment, which obviously cannot operate under the overhead electric feeding line. Trains need to be shunted to marshalling yards and back to the regular railway tracks using a diesel locos, which is costly and time consuming, therefore only point to point trains are operated, excluding transfer and collection of load units along the territory they cross

Since 2004 the Metrocargo initiative is under development, aimed at enhancing intermodal shipment based on an innovative horizontal loading technology capable of working under the catenary.

The EC-funded FP7 "research for the benefit of SMEs" project 222199 VIT- Vision for Innovative Transport, completed in 2009, developed single components, mainly related to computer vision, that were successfully incorporated in a prototypal Metrocargo unit that was constructed with own funding, installed in the port area of Vado Ligure and extensively tested by an independent qualified organization.

An extensive dissemination action will be pursued along two main lines:

- setting up demonstration tools.
- organization of events, including events centred on the Vado Ligure prototype, a road show in at least four EU countries and exhibiting at major trade fairs.

The dissemination plan is part of Work Package 8 of the Dissemination activities and market studies.

The objective of this document is to set out in a detailed and verifiable manner, the terms of use and dissemination of knowledge arising from the Metrocargo technologies. The document provides a detailed overview of all dissemination activities planned during the first nine months of the project and gives out indications of plans for dissemination during the 24 months of the project.

Structure of the document

The document includes the following parts:

- The report on the main dissemination activities in the 24 months

Identification of opportunities and target groups

Specific opportunities and tasks to be performed to support the dissemination activities were accurately planned at the beginning of the project. Target groups have been defined for obtaining contacts and opportunities for collaboration and for dissemination.

The target groups identified for MIT project were:

- large shippers
- freight forwarders
- factory transportation and logistics planners
- logistic chain operators and freight integrators
- ports
- railways
- public administrations.

Objectives

The dissemination activities had the objective to promote results and visibility of the project and of the Consortium and to demonstrate the opportunities of Metrocargo through different kinds of commercial promotion.

The activities included in this deliverable were pursued along two main lines:

- setting up demonstration tools
- organizing events in EU countries:
 - o events centred on the Vado Ligure prototype
 - o exhibiting at major trade fairs, in Europe and in China
 - o road shows, speeches and workshops

The activities to set up demonstration tools included:

- preparing promotional material
- setting up a video clip
- setting up a Wikipedia entry
- setting up MIT website
- updating Metrocargo technology web-site

The activities in order to organize events, contacts and exhibiting at major trade fairs included:

- attending and exhibiting at trade fairs
- public relations and presentations in seminars, etc
- identifying possible customers to visit directly.

Methodology

This dissemination plan outlines the external public communication and presentation strategy for the MIT project. The dissemination approach for MIT is accomplished through activities encompassed by a dedicated work package. The approach to dissemination is designed to fulfil the following action items, which are considered crucial for further exploitation of the MIT project results. (See the following table).

Plan	Strategic plan for effectively disseminating and exploiting the project Results	
Û		
Design	Design of comprehensive branding for the MIT project (including logo) and targeted	
Û	activities and actions to ensure a wide visibility and identification of the project for marketing-driven dissemination	
Create	te Creation of promotional materials for content-driven dissemination	
Û		
Distribute	Use of the web to distribute project-information and materials (i.e. Distribute flyers	
Û	and newsletters)	
Represent	Attending and exhibiting at trade fairs, public relations and presentations	

1. MARKETING AND P.R.

The basic goal of bringing Metrocargo to the attention of the market was pursued through various marketing actions, such as participation to international exhibitions and the focused presentation of Metrocargo system in conferences, conventions, meetings and other internationally relevant speaking opportunities of the transport and logistics industry.

1.1. Conferences, exhibitions and other speaking opportunities: Dialogue brings value to the project

The partners actively scouted the speaking opportunities and relevant contexts where to present the MIT – Metrocargo project.

Among the several conferences and seminars attended by the managers of the MIT partner companies are:

Presentation to Association Retail Group	7 September, 2011	Milan – Italy
Presentation at Inland Port of Novara event	20 September, 2011	Novara – Italy
Speech at Salzburger Verkehrstage Workshop	3 October, 2011	Salzburg - Austria
Slimport Conference	8 October, 2012	Genoa - Italy
Presentation to RFF & LGV/Groupe Thematique Fret/Logistique	8 November, 2011	Nice - France
Presentation to Rotterdam Port Authority and ECT Rotterdam	12 March, 2012	Rotterdam - Netherlands
Presentation at Inland Port of Novara	20 March, 2012	Novara – Italy
Bocconi University Roadshow	28 March, 2012	Vado Ligure (Savona) - Italy
Presentation to Siemens Italy	18 July, 2012	Vado Ligure (Savona) - Italy
Conference on Intermodality at International Boat Show 2012	12 October, 2012	Genoa - Italy
Conference on Genova – Rotterdam Corridor	23 October, 2012	Genoa - Italy
Conference "A big pulling from trains"	27 October, 2012	Mondovì - Italy
Port and Shipping Tech Forum	29 November, 2012	Genoa - Italy
Intermodality and logistics Conference	11 January, 2013	Turin - Italy
Logistics and promotion of Euromediterranean traffics Conference	12 April, 2013	Udine - Italy
Presentation of Book 23 of FLC – Freight Leaders Council Association	13 June, 2013	Rome – Italy
"Intermodality and logistics: North- Western Italy as platform between Italy and Europe" Conference	20 June, 2013	Genoa - Italy

An even more incisive presence has been organized to the following exhibitions, which have seen the participation of MIT - Metrocargo as exhibited project.

In particular, MIT – Metrocargo Partners exhibited the project at the following fairs:

Multimodal 2012	1-3 May, 2012	Birmingham – UK
Transport Logistic China 2012	5-7 June, 2012	Shanghai – China
Innotrans 2012	18-21 September, 2012	Berlin – Germany
UITP 60	26-30 May, 2013	Genève – Switzerland
Eurasiarail	7-9 March, 2013	Istanbul – Turkey
Transport Logistic Munich 2013	4-7 June, 2013	Munich – Germany

Following are some pictures of the exhibitions where the MIT – Metrocargo system has been presented:



MIT – Metrocargo booth presented at Multimodal 2012 (Birmingham, 1-3 May, 2012)



MIT – Metrocargo gadgets at Multimodal 2012 (Birmingham, 1-3 May, 2012)



MIT – Metrocargo booth presented at Transport Logistic China 2012 (Shanghai, 5-7 June, 2012)



The presentation during the «World Premiere» tour at MIT – Metrocargo booth at InnoTrans 2012 (Berlin, 18-21 September, 2012). In Berlin, indeed, the system was selected among the 21 «World Premiere» on which daily guided tours with interested groups of people from different foreign Countries have focused.



7th-9th March 2013 - MIT project presented at Fair Eurasiarail 2013 in Istanbul – Turkey



MIT – Metrocargo booth presented at Transport Logistic 2013 (Munich, 4-7 June, 2013)

Some pictures of the events and workshop where the MIT - Metrocargo system has been presented:



MIT – Metrocargo project presented at the Salzburger Verkehrstage (Salzburg, 3 October 2011)



I.LOG's CEO Guido Porta speaking at the presentation of Book 23 of FLC – Freight Leaders Council Association (Rome – 13 June, 2013)



I.LOG's Business Development Manager Fabio Tarantino speaking at the presentation of Book 23 of FLC – Freight Leaders Council Association (Rome – 13 June, 2013)



I.LOG's CEO Guido Porta speaking at "Intermodality and logistics: North-Western Italy as platform between Italy and Europe" Conference (Genoa – 20 June, 2013)

1.2. Institutes and Universities: Growing an "intermodal culture"

The partners focused on education and on the opportunity to approach Institutes and Universities to bring Metrocargo to the attention of students and researchers:

- On 28 March, 2012 the project was presented in Vado Ligure to an interested delegation of Researchers and PhD Students of the Bocconi University;
- At InnoTrans 2012 contacts with the Research Group Transport Logistics at the Technical University of Applied Sciences Wildau has been taken. In particular, this led to the publication of the first "Intermodal Wikipedia" where Metrocargo was inserted and described (see also Deliverable 8.7 specific on Wikipedia activities).

Link to Intermodal Flavia project: http://www.flavia-online.de/infopool.html
Link to Intermodal Wikipedia: http://www.th-wildau.de/flavia/dokuwiki/doku.php
Link to Intermodal Wikipedia: http://www.th-wildau.de/flavia/dokuwiki/doku.php/im trains:metrocargo

 On 12 April, 2013 the project was presented to interested students of Universities of Udine and Trieste;

- On 17 April, 2013 the project was presented to interested students of University of Genoa within' the "Careers Day";
- Transport Logistics 2013 has been also important for the participation of involved MIT Partners at "Future talents and careers" initiative, which has brought different students and talents to Metrocargo booth for interviews.



Bocconi University Roadshow (Vado Ligure – 28 March, 2012)

 A degree thesis was at Faculty of Transport and Logistics Engineering, University of Genova. The thesis concerned the feasibility analysis about the utilization of Metrocargo technology in Pordenone, in the north-east of Italy. I.LOG staff were assistant supervisors of the thesis: it obtained the maximum score.

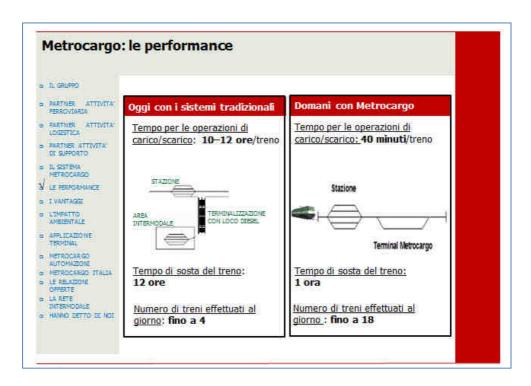


1.3. Institutional Relations: Pressing on politics' decisions

At an institutional level, a huge effort was made to meet and strengthen the relationship with key interlocutors among Governments (For example, in Italy: Ministero dello Sviluppo Economico, Ministero dell'Ambiente, Ministero delle Infrastrutture e dei Trasporti, etc.), Regional Organizations and Representatives (For example: Regione Liguria, Regione Friuli Venezia Giulia, etc.), Members of the European Parliament, Port Authorities and Associations (For example: European Intermodal Association, FLC – Freight Leaders Council, FerCargo and the German Allianz Pro Schiene).

Last but not least, Metrocargo has been recently shortlisted at European Rail Congress, a two day industry Summit and annual Rail Awards ceremony, for "Best European Integration" award competing with other European key players of the market (For example: Lithuanian Railways, VBB, etc.).

The European Rail Congress is about bringing together the euro rail network to celebrate its achievements in providing efficient, high quality and safe connectivity across Europe; reducing Europe's emission of greenhouse gases; boosting jobs and economic growth; and facilitating European competitiveness. It also provides the chance for leading European players to debate and discuss the key challenges and opportunities for the European rail market.



A screenshot of the presentation made to the Minister of Environment Mr. Corrado Clini on February 15, 2013

1.4. Presentations, Newsletters and other P.R. actions: Keeping communicating with target groups

As previously explained in Deliverable D8.5, external communication activities have been not only addressed to media, but also to different target groups of industry, institutes and universities and, in general, to all stakeholders.

These activities had the aim of promoting the MIT – Metrocargo project in its single phase, emphasizing the advantages linked to the use of the technology, the main goals reached by the project and its future developments.

In particular, external communication activities have included:

- The presentation of the project in internationally relevant conferences, conventions, meetings and other speaking opportunities;
- The creation and content curation of a website dedicated to the initiative www.mitproject.eu;
- The update and content curation of the aspects related to the project on brand website www.metrocargo.it and partners respective websites: www.ilog.it; www.imavis.it, etc.;
- The creation of profiles related to MIT Metrocargo project on targeted social networks (LinkedIn and YouTube) to improve the awareness of the system and stimulate public opinion on intermodal transport and on the enhancement of sustainable ways of transport;
- The spreading of news, collected in the format of digital newsletters, to stakeholders to inform them about recent events and activities, conferences, presentations, attended exhibitions, meetings, and reporting what the press have said/written about the project and the Metrocargo technology in the last months;
- The creation of a page on Wikipedia where to collect all relevant information on MIT project and the Metrocargo technology.

Presentations

Exhibitions and events let MIT Partners meet different companies and institutions and present the project to a large number of operators.

Objective n° 6 of the project (in-depth presentations to not less than 10 targets in 4 EU member states) was completely satisfied as described thereafter.

In-depth presentations have been indeed made in the following Countries:

- Germany
- Italy
- Switzerland
- Austria
- UK
- Turkey
- France
- The Netherlands
- China

Overall, thanks to international exhibitions more than 300 meetings have been arranged with interested target companies and professionals.

Among the 300 contacts started in these occasions, about 50 were considered very important.

Before each fair the following activities have been addressed to commercial contacts:

- Creation of a mailing list of containing partners, clients, suppliers and prospects;
- Creation and release of different "Save the date" and dedicated banners announcing MIT Metrocargo participation;



Recall, organisation and scheduling of one-to-one meetings, follow-up;

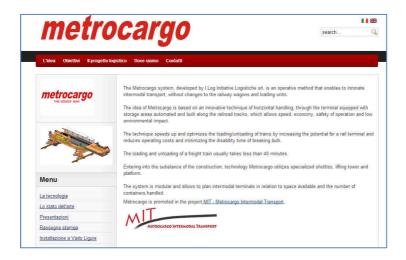
 News entry on the website of the project <u>www.mitproject.eu</u>, on the website of the Metrocargo brand <u>www.metrocargo.it</u>, and on the websites of the Consortium partners (<u>www.ilog.it</u>; <u>www.imavis.com</u>; etc.).



I.LOG's website www.ilog.it



Imavis' website www.imavis.it



Metrocargo's website www.metrocargo.it

After each fair the following activities have been addressed to commercial contacts:

- Managing of follow up sending via e-mail additional information, pictures, data, etc.;
- Periodical release of newsletters in order to keep each interested contact updated on the initiatives related to the project and to the development of the Metrocargo technology.

Newsletters

During the MIT – Metrocargo project, in particular, 5 different newsletters have been created and spread to the whole commercial mailing list, including partners, suppliers, prospects, institutional representatives and, generally, all Metrocargo stakeholders.













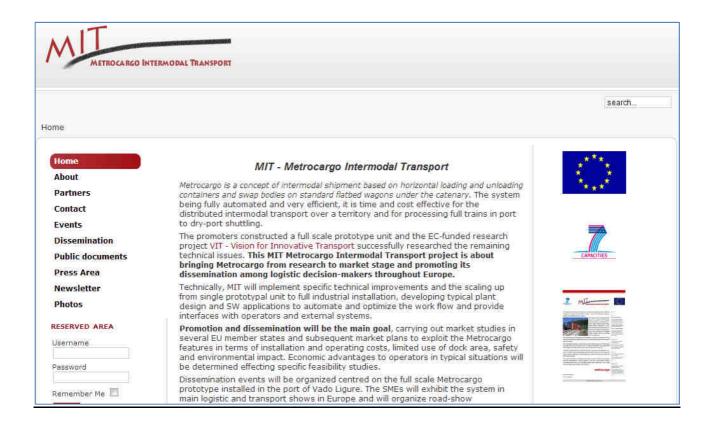
The newsletters have also been uploaded on the website of the project, www.mitproject.eu, which has been set up with the purpose of providing constant access to news, updates and events related to the development of the MIT platform, and which has been updated regularly during project duration.

Other communication activities: web dissemination and use of social networks

The **MIT project website** has acted as a platform where to establish an efficient and effective dissemination and communication tool. Its main purpose was to spread the project results and non-confidential information to the widest possible audience (including the industrial and academic community).

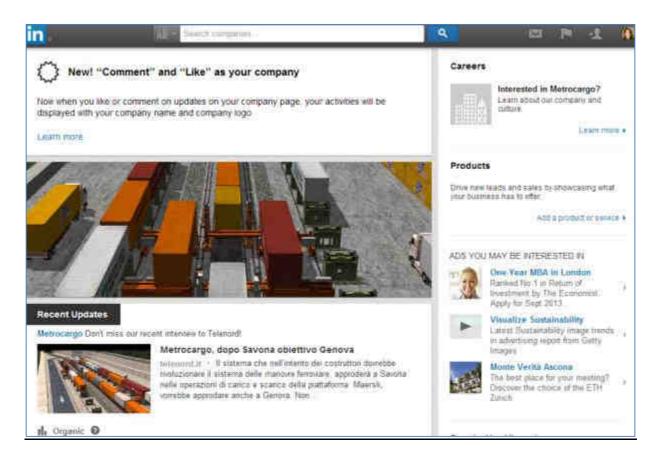
The website has a clear structure with two types of webpage navigation depending on the type of user, i.e. visitor (public) or Consortium member (members area). The potentials for navigation, document uploading and website alterations differ for each type of user.

The aim of the website was, on one hand, to inform the general public about the MIT project and, on the other hand, to represent a communication tool where partners could exchange information on the project.

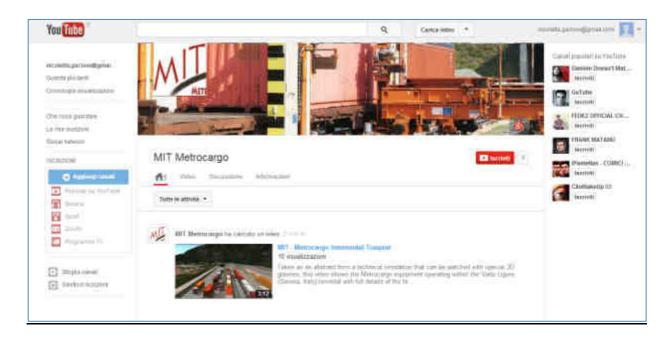


Social networks have proven an important channel through which to disseminate MIT – Metrocargo key messages.

A dedicated **LinkedIn page** and a **YouTube channel** have been created for the project, to use their huge potential to make the system known by unexpected targets and contributing to inform the public opinion on the opportunities of intermodal transport and rail cargo development.



Metrocargo's LinkedIn profile http://www.linkedin.com/company/2943880?trk=tyah



MIT's YouTube channel http://www.youtube.com/channel/UCssHlaWVp2AZRQFY60eZNMQ

1.5. On going negotiations: One step ahead towards first Metrocargo installation

On a more advanced level than the contacts listed in "Presentations" paragraph, there are on going commercial negotiations.

The negotiations are with companies which have shown over the months a concrete interest in installing the technology or creating new terminals exploiting the Metrocargo solution for container handling.

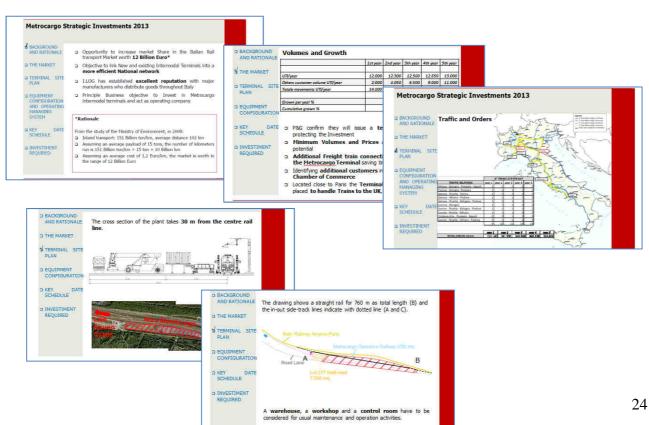
In particular, there are ongoing negotiations with more than the 4 accounts expected within month 24, as objective nr. 7 claimed.

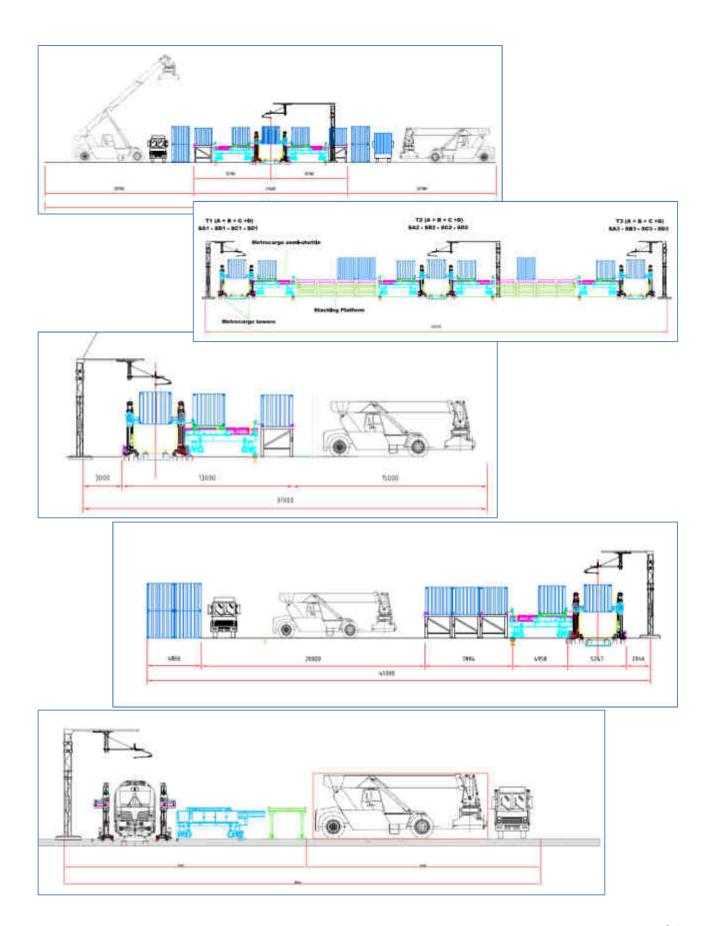
Among the most relevant contacts started are:

- General Electrics (UK)
- Novara Interport (Italy)
- Novi San Bovo (Italy)
- Pordenone Interport (Italy)
- Port of Castellon De La Plana (Spain)
- Port of Hamburg (Germany)
- Port of Trieste (Italy)
- Procter and Gamble, RFF and French Chamber of Commerce (France)
- Rivalta Interport (Italy)
- Saudi Royal Family (Saudi Arabia)

The following screenshots shows examples of terminal layout design, business plans and feasibility studies have been set up during the 24 months and are now in progress.

Different types of layout were presented to different accounts since Metrocargo technology allows the modularity of the sizing.





1.6. Dissemination tools

An essential stage for MIT Dissemination Plan was the production of promotional tools.

Examples of dissemination material produced are:

MIT Logo

MIT project logo was created following the model of the VIT project since MIT is the logic and operational prosecution of VIT.



MIT brochures and booklets

In order to disseminate the project, a project brochure and a booklet have been created.

The brochure describes the Consortium partners and provides their contact details as well as the general and technical objectives of the project, while the booklet describes and explains the Metrocargo concept.

To maximise the effect on international audiences, both were made in different languages to be used nationally to attract local audiences.

In particular, the brochure was set up in six languages to facilitate the dissemination of the MIT project in the Countries where the technology has been presented during the 24 months of activity.

The languages of the brochure were: English, Chinese, Dutch, German, Italian and Turkish.

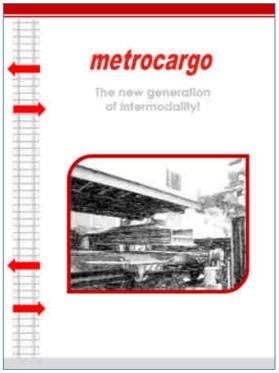




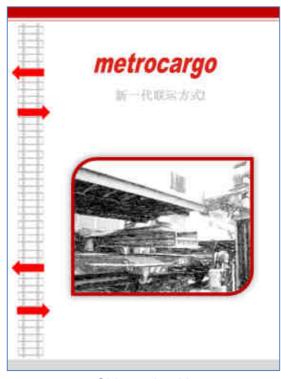
English brochure

Chinese brochure

At a first stage, the booklet was set up in five languages to allow the dissemination of MIT project in the Countries where it has been presented during the 24 months of activity. The languages of the brochure are: English, Chinese, Dutch, German and Italian.



English booklet



Chinese booklet



Dutch booklet

In July 2012 a new release of the booklet was set up, in order to improve graphic aspects and underline in a more efficient way the key features of the Metrocargo system.

This second release of the booklet, distributed at InnoTrans also available in Turkish and Italian language, was substituted by a latest version, used in June, 2013 at Transport Logistic (Germany).



German booklet



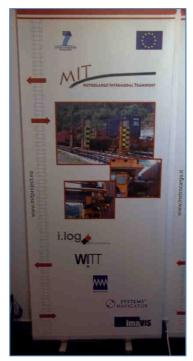
Italian booklet



Turkish booklet

Roll up of MIT project

The make more effective the participation to fairs, the Consortium prepared a roll ups presenting the MIT project, with logos of the EU, of the Seventh Framework Programme and project partners.



Roll up of Metrocargo technology

Three roll-ups have been prepared illustrating the technology and the strong points of the Metrocargo technology and applications.



Especially for Transport Logistic two new roll ups have been set up with the following graphics, emphasizing MIT project in coordination with the new image of the printed materials:



Moreover, according to the new advertising campaign, two new panels displaying the new communication graphics (decomposable into two parts to fit any booth or stand design) have been created:



· USB flash drives

MIT project and Metrocargo USB flash drives, 2 Gbytes, preloaded with relevant presentations and press materials have been prepared to hand them out to fair visitors, commercial contacts and journalists.



Key-rings

Metrocargo key-rings have been prepared to hand them out with the USB drives.

Metrocargo pens and pencils

Special Metrocargo pens and pencils, reporting the MIT project website have been created as gadgets for exhibitions.

• MIT - Metrocargo shoppers

Special MIT – Metrocargo shoppers, reporting MIT logo and project website have been created as gadgets for exhibitions.



Podium Case

A podium case was purchased to bring the material fairs and to use like a table in the fairs (a very practical solution).



Promotional video

A promotional video containing both images of the physical prototype and of a virtual simulation of a Metrocargo terminal has been prepared for exhibition.



In the second part of the project, a new 3D promotional video in English language was produced.

The video, which was taken as an abstract from a technical simulation made by a specialized company and can be watched with special 3D glasses, shows the Metrocargo equipment operating within the Vado Ligure (Savona, Italy) terminal with full details of the technology, close ups on the elements of the modules and a specific focus on the real configuration of the location and the surrounding landscape.



A screenshot of the 3D video

The basic aim of the video, which has a duration of about 4 minutes, is to explain how the technology operates in a completely automated way, with low environmental impact and high security.



The introductive fly to the location



A close up on the shuttle

The work, which made its first appearance during the world's leading exhibitions in the transport and logistics industry InnoTrans (18th-21st September 2012), was largely appreciated by the public attending the fair.



Visitors watched the new 3D video with special 3D glasses at InnoTrans 2012.

2. SUMMARY

The project activities planned in the interim plan (Deliverable 8.3) were all performed. The project activities and results were disseminated among a wide base of interested parties.

All the partners have been actively promoting the project in fairs and exhibitions: such events gave the opportunity to the stakeholders to be become aware of the Metrocargo technology and promote its use and possible development post-project.

The described actions have been taken to achieve this goal during the 24 months of the MIT – Metrocargo project and will also continue until its end.

The project can be rated as a success in relation to the participation to conferences, press releases, websites dissemination, negotiations and accounting which have maximized the project's publicity and reputation for future exploitation.

The managed activities, in particular, have generated tangible results and strongly contributed to creating a growing network of interested contacts and actors.

This has represented an essential step to Metrocargo market stage, which must necessarily go through one-to-one negotiations (the most relevant on going ones are highlighted in Deliverable D8.6) continuing in the next months.

At the same time, improving awareness and reputation of the project and of the Metrocargo system remains one of the key goals of the future strategy. In particular, we will continue the following activities:

- Focusing on markets such as Europe and BRICS (India, China, Russia and Latin America);
- Increasing PR and Media Relations activities;
- Setting the next phases of an international ADV campaign;
- Meeting with major logistics companies, ports and interport operators;
- Focusing on business-to-business meetings and commercial opportunities.

According to the main characteristics of the technology, dissemination activities had no geographic limits (not only Europe was taken as a target but also India and China) and, in addition, the wide dissemination of the results during the 24 months will guarantee a solid basis for visibility and awareness of the system in the next months.