

FInest – Future Internet enabled optimisation of transport and logistics networks



D10.2 Dissemination and Standardization Plan

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Abstract

Work package WP10 covers all activities that are necessary for achieving the impact that is planned for the FInest project. The aim is to present and promote the uptake of the project results by various stakeholders (internal and external to the project) and interest groups. To this end, WP10 will present the project and work results to the broader public and research communities (dissemination), prepare for the usage and industrial uptake of the project results by the consortium partners as well as by other interested parties (exploitation), and prepare for a substantial and long-term impact by promoting the project results for standardization.

To achieve maximal impact of the project, the specific objectives for <u>dissemination</u> and standardisation are:

- Setup and maintain a public website of the project
- Define and continuously update the dissemination plan for the project, prepare dissemination material, and identify targets for the publication of scientific results
- Organize and participate in industrial as well as in scientific events to present the project
- Identify standardization opportunities and promoting the project results to international and business-relevant standardization bodies

This deliverable reports on the progress achieved for what concerns the above objectives, specifically presenting a plan for dissemination and standardization, which will be continuously updated throughout the project's lifetime.



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Table of Contents

At	ostract		2
Do	ocument His	story	3
Ta	ble of Cont	ents	4
Lis	st of Tables.		6
Lis	st of Figures	;	6
Ac	cronyms		7
1.	Introduc	tion	8
2.	Dissemin	nation Strategy	9
	2.1. Maj	or Target Audiences for Dissemination	9
	2.2. Maj	or Sectors for Dissemination	9
	2.3. Mes	ssages and Approaches	10
	2.4. FI P	PP Dissemination Work Group	10
3.	Dissemin	nation Means and Channels	11
	3.1. Cor	porate Identity	11
	1.3.1.	Graphic Design	11
	3.2. Con	nmunication Tools and Channels	12
	2.3.1.	Web Site	12
	2.3.2.	Events, Conferences and Trade Shows	12
	2.3.3.	Publications	12
	2.3.4.	Press Releases and Media	13
	2.3.5.	FI-PPP	13
	2.3.6.	Thematic Networks and Associations	13
4.	Initial Dis	ssemination Plan (Month 6)	17



	4.1.	Web Site	18
	4.2.	Events, Conferences and Trade Shows	18
	4.3.	Publications	19
	4.4.	FI PPP	21
	4.5.	Collaborations with Other Projects	21
	4.6.	Thematic Networks and Associations	22
5.	. Stan	dardization Plan	22
	5.1.	Standardization Bodies	22
	5.2.	Standardization Activities	23
6	. Diss	emination Results	25
	6.1.	Web Site	25
	Figure	2 - FInest Web Site	25
	6.2.	Events and Conferences	26
	6.3.	Publications	26
	6.4.	Press Releases and Media	27
	6.5.	FI-PPP	27
	6.6.	Collaborations with Other Projects	27
	6.7.	Thematic Networks and Associations	27
	6.8.	Other	27
7.	. Con	clusions	28
8	. Арр	endices	2 9
	8.1.	Newsletter	29
	8.2.	Press Release in Türkiye Newspaper	30
	8.3.	Press Release in BT Haber	31
	8.4.	Pop-up Poster in ICTurkey Event	32
	8.5.	List of concrete dissemination Forums (as of Month 6)	34



List of Tables

Table 2: European T&L initiatives
Table 3 - Finest Dissemination Activities
Table 4 - Categorised Events and Conferences
Table 5 List of potential journals relevant for scientific dissemination
Table 6: List of relevant standardisation bodies and channels23
Table 7 - Present Potential Dissemination EventsError! Bookmark not defined.
List of Figures
Figure 1 - Future Internet enabled Collaboration & Integration Platform for Transport & Logistics
Figure 2 - Flnest Web Site25



Acronyms

Acronym	Explanation
DWG	Dissemination Work Group
ERRAC	The European Rail Research Advisory Council
ERTRAC	The European Road Transport Research Advisory Council
ICT	Information and Communications Technologies
ISI	The Integral Satcom Initiative
FI	Future Internet
NEM	Networked Electronic Media
NESSI	Networked European Software and Services Initiative
PPP	Public Private Partnership
SME	Small and Medium sized Enterprise
V1.0	First draft
WP	Work Package



1. Introduction

The purpose of this document is to provide the dissemination and standardization plan which will be used to present and propagate FInest project and the project results to the broader public in general, the relevant scientific communities, and to other external parties that are potential adapters of the project results. The whole potential stakeholders to be addressed in dissemination activities can be seen in Figure 1 which are connected to the Collaboration and Integration Platform.

This document will cover FInest dissemination strategy and the means and channels for dissemination. It will present FInest dissemination and standardization plan and list the future events which are the potential candidates for the project dissemination activities. It will summarize the first 6 months dissemination results and make conclusions of the activities.

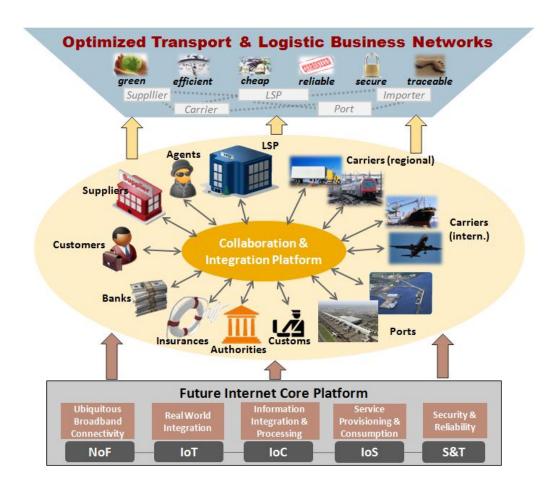


Figure 1 - Future Internet enabled Collaboration & Integration Platform for Transport & Logistics



2. Dissemination Strategy

The project dissemination approach strives to achieve effective communication of the FInest results to relevant stakeholders, including end users, scientific communities, public and industrial adopters and vendors. We acknowledge the importance of adequate dissemination of results and its influence on the momentum the project will attempt to build. Thus all partners will contribute to the dissemination of the project results. Specifically, the specifics of FInest as an FI PPP Use Case Project will ensure that two key sectors are addressed:

- a) the Transport and Logistics sector; and
- b) the ICT sector.

The FInest outcomes and results will be communicated for external awareness creation and knowledge building within the targeted user, industry, public and scientific communities of the European Union and beyond. This communication will demonstrate the benefits of FInest outcomes to potential users. In order for the dissemination to be effective, an integrated approach will be followed, combining early identification of relevant stakeholders (including the transport and logistics stakeholders identified in the project), strategic planning, and guidelines on one hand with an effective communication platform (making use of novel Internet capabilities), the timely publication of results, and the participation of FInest partners in key events, on the other hand.

During the course of the project, WP10 (Dissemination) will continuously identify additional relevant publication opportunities and actively encourage the project members to publish the project results in those forums.

2.1. Major Target Audiences for Dissemination

Major target audiences for dissemination:

- (1) The general public and end users
- (2) **Research communities and FI PPP community**, especially on Future Internet technologies and research on domain-specific ICT support for international transport and logistics
- (3) Industry and SMEs, including early adopters, vendors and decision makers
- (4) Public bodies/Policy Makers

2.2. Major Sectors for Dissemination

Major sectors for dissemination:

- (a) The *transport and logistics sector*, which is interested in the FInest results from the application side ("application pull");
- (b) *ICT industry*, which is interested in the Flnest results from the technology provider side ("technology push");



2.3. Messages and Approaches

It is necessary to define the most suitable messages and communication approaches most appropriate for the different target audiences which are listed above. This will include both FInest project messages as well as the FI PPP programme level messages. The over-arching message at the FI PPP programme level has been identified through the slogan: "The Future. Now." "Future Logistics" is the slogan of FInest project and it is embedded into the project logo. This slogan will be used in all project communication channels (website, banner, newsletter, etc.).

The messages for the target audiences are as follows:

- For the *general public and end users*, the main message is that FInest PPP will provide a convenient and easy access to a Supply Chain Management platform which allows interacting with all parties related avoiding dedicated set up of complex ICT integration among the parties. The Finest PPP will increase the transparency and efficiency of logistics and transportation operation and it will contribute to sustainability by reducing emissions caused by global transport. Cost reduction due to higher efficiency and lead time optimization due to high level of transparency all over the SCM process will benefit the global supply chain business. The programme level *message* will be the developing solutions to the key social challenges as well as to design future scenarios for sustainable development.
- For the *Research communities and FI PPP community*, Dissemination conveys the message that the FInest as well as FI PPP is industry-led and coherent with EU ICT policy (e.g. the Digital Agenda) on the one hand, while open to the engagement of all of Europe's ICT innovation ecosystems including SMEs and individual researchers on the other. For researchers, the use cases and scenarios thus can serve as relevant and realistic case studies and thus have the potential to create significant interest in the project results. The main message within the FI PPP community is to improve the spirit of cooperation and collaboration working towards common goals.
- For *Industry and SMEs*, Finest PPP is a tool for quick and easy business partner integration. Time would not be a major constraint to make business networks operational. Overall process transparency allows complex monitoring and reducing the impact of process deviations. This is the key to reduce costs and improving the service quality.
- For *Public bodies/Policy Makers*, the main message is of the strategic importance of the FI PPP, in order to engage them in an active governance of the new dynamics emerging from the development and introduction of FI PPP products and services.

2.4. FI PPP Dissemination Work Group

The purpose of the FI PPP Dissemination Work Group (DWG) is to focus on overall Program level dissemination coordination. This means that CONCORD Future Internet PPP Programme Facilitation and Support Action and all FI PPP use case projects will jointly create and coordinate a dissemination regime and PR strategy for various audiences. The Dissemination work group helps to CONCORD to maintain a shared vision and unified front for the Programme as a whole. It is to strengthen the diffusion of ideas and results, produced by FInest and other use case projects dissemination activities to cover a wide range of dissemination channels. There may be some overlap between the Programme level and Project level



dissemination events and publications. However, these two streams of communications have different focus and audiences.

3. Dissemination Means and Channels

The FInest Dissemination means and channels which will be used for *spreading of the project* results include:

- Project web site (http://www.finest-ppp.eu/),
- The Flnest Corporate identity, consisting of the logo and its uses, and templates for a coordinated graphics image.
- Material to create awareness at relevant events such as posters, flyers, brochures, banners, leaflets and others.
- Media outreach to inform the general public and niche communities;
- Publications at highly visible conferences and in journals, ranging from forums that address practitioners to forums that are targeted towards the research community. The list of candidate conferences and journals for scientific and industrial dissemination of the FInest results can be seen in Section 3.2;
- The main Communication Channels used to convey information, from the FI PPP Portal to press releases.

3.1. Corporate Identity

1.3.1. Graphic Design

Finest corporate identity is based on its following logo:



The FInest logo slogan has been changed from "Future of Logistics" to "Future Logistics" and it will be used in all documents after 6 month deliverables prepared.

The FI PPP corporate identity which will be used in all FI PPP projects and in FInest dissemination materials is shown below:





The FInest logo is used to prepare templates for the project. These FInest templates are listed below:

- presentation (ppt)
- deliverable (doc)
- use-case
- questionnaire
- meeting minutes
- teleconference minutes

3.2. Communication Tools and Channels

Communication Channels for the FInest PPP are defined in relation to the target audiences and communication messages discussed in the previous section of this document.

2.3.1. Web Site

FInest project website will be the single point of entry for access to all relevant information of the project, including general information about the project, the public project results such as architectures, use case scenarios, downloadable prototypes, etc. The website also have a private section that contains internal documentation, reports, calendars, etc. and is only accessible to members of the FInest project consortium and – in accordance to the PPP-wide agreements – members of other FI PPP projects.

Further details about the website are described in deliverable D10.1 Public project website.

2.3.2. Events, Conferences and Trade Shows

FInest members will publish their results in different forums. Those include research forums (such as conferences and workshops), industry events and trade shows, as well as more general dissemination events (e.g., related to the FI PPP activities).

Further, the target forums addressed span the following areas, representative of Flnest's members and ambitions.

A list of major, potential events and conferences for dissemination is to be found in Section 4.2.

2.3.3. Publications

In addition to the above events that serve as prime forums publishing the research and development results of FInest, dedicated dissemination material will be developed which is going to be used by all project partners as a dissemination tool, and could be used for magazines and the like.

In addition to participating in research conferences, publishing in international journals is considered and important activity for disseminating Flnest results. Potential journals which have been identified is presented in



Future Internet-Open Access Journal
IEE Proceedings - Intelligent Transport Systems
IEEE Transactions on Intelligent Transportation Systems
International Journal of Agile Systems and Management
International Journal of Applied Logistics (IJAL)
International Journal of Distribution and Logistics Management
International Journal of Information and Communication Technology
International Journal of Logistics
International Journal of Logistics and Supply Chain Management (IJLSCM)
International Journal of Logistics Economics and Globalisation
International Journal of Logistics Management
International Journal of Logistics Research and Applications
International Journal of Physical Distribution & Logistics Management
International Journal of Shipping and Transport Logistics (IJSTL)
International Journal of Transport Management
International Journal on Information & Communication Technologies
Journal of Advanced Transportation
Journal of Business Logistics
Journal of Enterprise Information Management
Journal of Information Systems and Communication
Journal of Supply Chain Management
Logistics Journal
Logistics Research
Maritime Economics & Logistics
Transport
Transportation Journal
Transportation Research Part A: Policy and Practice
Transportation Science
World Transport Policy & Practice

Table 5. Of course, due to the short duration of Finest of 2 years, such submissions and publications in journals are expected to appear more towards the end of the project.



2.3.4. Press Releases and Media

Finest partners will strive to disseminate Finest in press or TV channels during upcoming events and project meetings, then a newsletter or a targeted info material will be prepared to disseminate the actual progress and intermediate results.

2.3.5. FI-PPP

There will be events and conferences in which programme-level dissemination will be done with FI PPP Community in addition to project level dissemination.

These will apply mainly to international events and conferences. National, regional and local events and conferences can also be categorised this way and presence will be evaluated according to the relevance of the event.

2.3.6. Thematic Networks and Associations

Networks can be considered one of the most relevant dissemination channels for the FInest project. The following tables show the potential targeted thematic networks and associations:

Initiative	Description	Members
Future Internet Assembly (FIA)	FIA constitutes the collaboration between projects to strengthen European activities on the Future Internet, in order to ensure Europe maintains its competitiveness in the global marketplace. FIA brings together around 150 research projects (as part of FP7 Challenge 1).	SAP, UDE, IBM
EFIA (constituting the potential merge of EFII & FIRA)	EFIA is planned to be established as a platform that provides a single point of entry for all stakeholders in the European Future Internet sector. This includes industry, SMEs, academia, EC representatives, National Research authorities. It is envisioned to join the forces of EFII (the EU Future Internet Initiative) and FIRA (The Future Internet Alliance) to create EFIA, thereby creating an organization that captures the vision, potential, and ability to perform of both initiatives.	SAP, UDE, IBM, Arcelik



NESSI (The Networked European Software and Services Initiative)	The Networked European Software and Services Initiative is the European Technology Platform dedicated to Software and Services. It unites 434 member organizations split equally between industry and academia, and includes 30% of SMEs. 6 NESSI Strategic Research projects are currently in operation, involving over 120 organizations and 4 additional projects are joining in 2010. NESSI also operates a concerted research coordination strategy whose goal is to enable each project to position itself with respect to other projects within a coherent approach to services architectures. To further contribute to the coherence of European research and avoid fragmentation of efforts, NESSI has also set up the network of National and Regional Initiatives.	SAP, UDE, IBM, Arcelik
EIT ICT Labs	The European Institute of Innovation and Technology (EIT) is a new EU instrument for promoting innovation in Europe that has established 5 innovation centers in Berlin, Eindhoven, Helsinki, Paris and Stockholm. The aim is to turn Europe into the global leader in ICT Innovation and improve quality of life through service based applications for the citizens of Europe and beyond by building joint European innovation clusters among the ICT industry and academic research. The thematic areas have a high overlap with those of the FI PPP	SAP

Table 1: European FI Initiatives

Additionally, the following Support Actions are related to FInest:

- SOFI (SA on Services)
- IoT-i (SA on Real World Internet)
- FIRESTATION (SA for Experimental Facilities / FIRE)
- EFFECTS+ (SA for Security and Trust)
- MANA (supports research in the area of Management and Service-aware Networking Architectures and aims to create a core platform as the basis for the Future Internet)

European Transport and Logistics initiatives in which partner organizations take part are listed in the below table.

Initiative	Description	Members
Logistics Cluster NRW	The Logistics Cluster NRW is an initiative of the German federal state of North-Rhine Westphalia involving a great diversity of partners from the logistics business. By driving an intense collaboration and information exchange between the various companies and research facilities, the initiative aims to make the state NRW Europe's most successful area in logistics services. The Logistics Cluster NRW therefore supports the formation of a logistics community, drives political, technological and economic strategies and aims to enhance the logistic business' image of the federal state.	UDE, SAP



LogistikRuhr	This logistics initiative of the German federal state of North-Rhine Westphalia aims to develop the collaboration between the logistics research and business parties by identifying pressing challenges in the logistics business, transforming them into research questions and finally conducting a fast implementation of the results. By applying this strategy, the initiative wants to preserve the local firm's competitiveness and thus ensure business growth and job safety. It focuses on topics such as logistics-as-a-service, urban logistics and sustainability.	UDE
BVL (German Logistics Association)	The BVL associates more than 10,000 members from every logistics-related sector in Germany. It is a neutral platform for managers to link up and exchange with others in the field of logistics and across borders of companies and organizations. The German Logistics Association stands for efforts in forward-looking concepts and gives impulses to the German and international logistics-sector. BVL is a platform for exchanging ideas and experiences among executive managers and offers diverse services around the logistics-sector.	UDE
VDI – Working Group SCM (Association of German Engineers)	The working group discusses current trends in Supply Chain Management and related sectors. By involving students from various logistic-related disciplines, the group tackles the challenges evolving from the high interaction of different companies and especially focuses on the support by IT systems.	UDE
ASIM (Work Group Simulation)	ASIM is a working group especially for simulation and modeling. It aims are to enhance the connection between theoretical approaches and practical implementations as well as to advance existing concepts. ASIM consists of different sections that concentrate on specific parts of the diverse fields of simulation and modeling.	UDE
VDMA (German Engineering Federation)	The trade association for materials handling and logistics systems of the VDMA subsumes about 200 companies and hence is Europe's biggest association in this business area. It offers several services to their member companies, including information exchange, business marketing and market analysis in the field of intralogistics. Additionally, they hold international contacts by contributing to the European Federation of Materials.	UDE
ARUS – Logistics (Advanced Research on Urban Systems)	The University of Duisburg-Essen decided to concentrate on the field "Urban Systems" as one of several focuses. ARUS, founded in 2010, is the related doctoral program that follows the aim to explore the changes in urban areas from a specific view as well as with an interdisciplinary background and offers doctoral students diverse possibilities for national and international research.	UDE



WGTL (German Scientific Society for Logistics Engineering) Initiativkreis Ruhr (Interest group of the metropolitan	The German association WGTL aims to drive technological innovation in the logistics sector by conducting a cooperative research and development for supporting the logistic companies in meeting their customer's requirements. The association is a cooperation of various German professors, each holding a professorship for logistic-related research areas and hence represents a multidisciplinary and academic initiative supporting innovation in the logistics area. The Initiativkreis Ruhr is an association of about 60 leading companies in the German metropolitan area called "Ruhrgebiet". The initiative aims on the concentration of economical know-how to create forward-looking strategies and business concepts to strengthen the region around the river Ruhr.	UDE
Ruhr area) BME (German Association Materials Management, Purchasing and Logistics)	The BME associates about 7,500 members from single persons to SMCs and top German enterprises related to the topics of materials management, procurement and logistics. BME aims to offer a network for these participants to communicate and exchange their experiences. This involves diverse services e.g. meetings and conferences to connect its members.	UDE
SUPPORT	The SUPPORT project aims to tackle the challenges of an efficient and safe handling on ports, considering both potential threats on passenger life and economic damage due to unlawful attacks on port facilities. The current challenges existing due to the complexity of operational modalities of sea and hinterland traffic and the lack of efficient organizational and technological interfaces are faced by engaging representative stakeholders to guide the development of next generation solutions for upgraded preventive and remedial security capabilities in European ports. SUPPORT will deliver public formal specifications and open standards based tools that will aid security upgrade in EU ports and will be complementary to and usable by other EU projects and initiatives in this area.	MARINTEK
IATA	An international trade body, created over 60 years ago by a group of airlines. Today, IATA represents some 230 airlines comprising 93% of scheduled international air traffic. The organization also represents, leads and serves the airline industry in general.	AF-KLM
FIATA	A non-governmental organisation, represents today an industry covering approximately 40,000 forwarding and logistics firms, also known as the "Architects of Transport", employing around 8 - 10 million people in 150 countries.	AF-KLM
AEA	the Association of European Airlines - brings together 36 major airlines, and has been the trusted voice of the European airline industry for over 50 years.	AF-KLM

Table 2: European T&L initiatives



European Technology Platforms (ETPs), Industry Federations and Associations, National technology Platforms (NTPs) and Industry Research Association are also considered as dissemination channels.

4. Initial Dissemination Plan (Month 6)

The dissemination plan will be a guide continuously updated with the activities to carry on as the project results are produced.

In order to achieve the desired results in both collaboration and publicity, FInest has to carry out a series of actions to ensure that all of the above will be performed effectively and in a way that the project's reputation and effort will not be risked at any point.

In the following table we present an initial high-level description of the planned activities that follow the above mentioned steps and approach. Of course, all of these initial guidelines and rules are subject to continuous revisions and refinements.

The initial, general plan for the FInest dissemination activities is presented in the following table for the duration of the project.

Activity	M0 to M6	M6 to M12	M12 to M18	M18 to M24
Dissemination and Standardization Plan	Initial Plan	Interim report and revised plan for dissemination and standardization		Final report and phase 2 plan for dissemination and standardization
Publication of Papers and Journals	2			
Conferences, Events and Trade Shows	2. FI-Summit in Luxembourg, ICTurkey 2011, NEM Summit 2011,	FI-Week in Poznan,	BVL-Science Section- Springer 2012	
Workshops	FIA Week in Budapest	Service Wave 2011 in Poznan	,	
Website	Continuously updated			

Table 3 - Finest Dissemination Activities



4.1. Web Site

Finest project website can be reached at http://www.finest-ppp.eu/. Present home page can be seen in Error! Reference source not found.

4.2. Events, Conferences and Trade Shows

The below table shows the major dissemination forums organized along the type of events and the relevant areas of the FInest project.

Target Audience	Research Forums	Industry Events	General Dissemination Events	Results that are planned to be contributed
Future Internet & Service- oriented Computing	SeviceWave, ICSOC, ICWS, ACM Trans. Web, JSS	CeBIT	FIA SSAIE Collaboration	 Integration of IoS, IoT, IoC and NoF for T&L Domain-specific collaboration and contracting approaches (WP5 & WP8)
Software Engineering	CAISE, RE, JSS			 Application and adaptation of SE techniques for specific domains Requirements collection for domain and platform (WP1)
Internet of Things	EuroSSC, EMSOFT			 Dynamic event management for complex logistics processes exploiting IoT (WP6)
Transport and Logistics	ECITL	ITS World Congress, SCL Europe, BVL-DLK		 T&L: create awareness what ICT can bring to the domain Transport planning and re-planning (WP7)

Table 4 - Categorised Events and Conferences

Based on this initial list of key events, FInest maintains a list about forthcoming and past events, conferences and trade shows considered as potential ground for FInest dissemination activities. This list is continuously updated and relevant events that match with the dissemination strategy outlined above are selected bi-weekly by the FInest project management board. That list as of Month 6 can be found in Appendix Error! Reference source not found.



4.3. Publications

In addition to the research forums identified above, FInest members strive to publish mature results in journals.

The below table includes a first identification of potential journals as relevant targets for FInest results.

Journal

Software engineering

Journal of Systems and Software

http://www.elsevier.com/wps/find/journaldescription.cws home/505732/description

Journal of Automated Software Engineering

http://www.springerlink.com/content/100242/

Service-based computing

Journal of Systems and Software

http://www.elsevier.com/wps/find/journaldescription.cws_home/505732/description

ACM Transactions on the Web

http://tweb.acm.org/

Advances in Information and Communication Technologies

Transport, Logistics and Enterprise Information Management

International Journal of Logistics Management

http://www.emeraldinsight.com/products/journals/journals.htm?id=ijlm

Journal of Business Logistics

http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%292158-1592

International Journal of Physical Distribution & Logistics Management

http://www.emeraldinsight.com/products/journals/journals.htm?id=ijpdlm

Journal of Enterprise Information Management

http://www.emeraldinsight.com/products/journals/journals.htm?id=jeim

Transportation

http://www.springer.com/economics/regional+science/journal/11116

Transportation Research Part C: Emerging Technologies

http://www.elsevier.com/wps/find/journaldescription.cws home/130/description#description

Transportation Research Part E: Logistics and Transportation Review

http://www.elsevier.com/wps/find/journaldescription.cws_home/600244/description#description



Journal of Intelligent Transportation Systems http://www.tandf.co.uk/journals/titles/15472450.asp Air Cargo Report Air Cargo World Future Internet-Open Access Journal **IEE Proceedings - Intelligent Transport Systems** IEEE Transactions on Intelligent Transportation Systems International Journal of Agile Systems and Management International Journal of Applied Logistics (IJAL) International Journal of Distribution and Logistics Management International Journal of Information and Communication Technology International Journal of Logistics International Journal of Logistics and Supply Chain Management (IJLSCM) International Journal of Logistics Economics and Globalisation International Journal of Logistics Management International Journal of Logistics Research and Applications International Journal of Physical Distribution & Logistics Management International Journal of Shipping and Transport Logistics (IJSTL) International Journal of Transport Management International Journal on Information & Communication Technologies **Journal of Advanced Transportation** Journal of Business Logistics Journal of Enterprise Information Management Journal of Information Systems and Communication Journal of Supply Chain Management **Logistics Journal Logistics Research** Maritime Economics & Logistics Transport **Transportation Journal** Transportation Research Part A: Policy and Practice **Transportation Science** World Transport Policy & Practice



Table 5 List of potential journals relevant for scientific dissemination

4.4. FI PPP

There will be events and conferences in which programme-level dissemination will be done with FI PPP Community in addition to project level dissemination. These events will be listed by CONCORD project in their web site.

4.5. Collaborations with Other Projects

FInest team identified several projects which are related to various aspects of FInest, and plans to pursue potential collaboration with them, or leverage results of those of which that are completed.

- 1. FreightWise: A project within EU FP 6 that aimed at bringing together transport management, traffic and infrastructure management, and administrative authorities, in order to develop transport solution and integrated transport chains. There are several items pursued by FreightWise which are mutual to FInest (e.g., creation of transportation plans based on search of available services, monitoring transport execution, definitions of a common framework in the transport sector, as well as terms and role descriptions). As a starting point, FInest team will learn from the experience as published in deliverables of Freightwise. Freightwise ended as a project, but FInest team will strive to learn from the experience and results of that project.
- 2. e-freight: a project within EU FP 7 whose aims are: (i) Open freight transport e-market places to enable transport users to identify and use transport services most suitable for their needs (ii) provide transport chain management to allow establishing and monitoring end-to-end transport chains, (iii) simplification and harmonisation of regulatory requirements across modes and EU States, (iv) Definition of a e-Freight platform, where use of the Single Window concept is central, (v) work with standardisation bodies such as GS1, UBL and unCEFACT.

Finest team will strive to collaborate with e-Freight; for example, Finest could potentially connect to the e-market place developed by e-Freight. Furthermore, each project should strive to learn from the other project's experience.

- 3. InstantMobility: A FI-PPP project dealing mostly with the optimization of transport within urban areas. Contact was established with InstantMobility early on, and possible collaboration was discussed. One possibility that will be explored is that InstantMobility solution can help FInest users in planning "the last mile" the part of freight that deals with bringing the shipment from city entrance or nearby warehouse to an address within the city. FInest team will strive to realize this collaboration.
- 4. SmartAgriFood: A FI-PPP project dealing with several aspects of the agricultural food chain. Contact between FInest and SmartAgriFood was established early on, and possible collaboration was discussed. In particular, one of the options that was raised is the employment of FInest solution for supporting the Agri-food logistic management that SmartAgriFood is planning to implement.
- 5. EURODICE: An FP7 project in the Transport area whose major goal is to build an information services platform centred on the individual cargo item and on its interaction with the surrounding environment and the user. The primary goal of the EURIDICE architecture is to implement the Intelligent Cargo Network, formed by identified cargo objects, cargo-centric



information services and defining intelligent cargo agents to assist the exchange of cargo related information.

6. Several projects are not related to the T&L domain but their R&D results can potentially be leveraged towards the architecture of FInest; the following projects are currently being considered by the FInest team: 4CaaSt, ACSI, RESERVOIR, SERVFACE, SLA@SOI, SAO4ALL, THESEUS / TEXO.

4.6. Thematic Networks and Associations

The potential targeted thematic networks and associations for FI and T&L initiatives are listed in Table 1 and Table 2 respectively.

5. Standardization Plan

Standardization is an important means for achieving openness of the project results, enabling wide adaption of the results in industry, ensuring a long-term impact, and justifying the public funding of the project.

To ensure the standardization of project results, the FInest partners are committed to the identification of current and emerging relevant standards and the alignment of project results with such standards, as well as the identification of opportunities for establishing new standards and contributing to existing standardization activities.

5.1. Standardization Bodies

The relevant standardization bodies can be seen in Table 6.

Standardization Body	Description	Member
FIATA	International Federation of Freight Forwarders Association. FIATA, a non-governmental organization, represents today an industry covering approximately 40,000 forwarding and logistics firms, also known as the "Architects of Transport", employing around 8 - 10 million people in 150 countries. (wwww.fiata.com)	AF-KLM
GS1	GS1 is an international not-for-profit association with Member Organizations in over 100 countries.GS1 is dedicated to the design and implementation of global standards and solutions to improve the efficiency and visibility of supply and demand chains globally and across sectors. The GS1 system of standards is the most widely used supply chain standards system in the world. (http://www.gs1.org/)	
IATA	International Air Transport Association. IATA's mission is to represent, lead and serve the airline industry (www.iata.org)	AF-KLM



IMO FAL	The International Maritime Organization's Facilitation committee deals with IMO's work in eliminating unnecessary formalities and "red tape" in international shipping. (http://www.imo.org/)	
ISO	The International Organization of Standardization is the world's largest developer and publisher of international standards. (http://www.iso.org/)	
OASIS (Universal Business Language (UBL))	A not-for-profit consortium that drives the development, convergence and adoption of open standards for the global information society. (http://www.oasis-open.org/home/index.php)	
OMG	An international, open membership, not-for-profit computer industry consortium. It develops enterprise integration standards for technologies, and a range of industries. (http://omg.org/)	
Open Group	The Open Group is a vendor-neutral and technology-neutral consortium, following a definition of open standards and global interoperability. (http://www.opengroup.org/)	
W3C	W3C is an international consortium, which primarily pursues the creation of Web standards and guidelines. (http://www.w3.org/)	
WCO	The World Customs Organization. The WCO's mission is to enhance the efficiency and effectiveness of Customs administrations by harmonizing and simplifying Customs procedures. (http://www.wcoomd.org)	

Table 6: List of relevant standardisation bodies and channels

5.2. Standardization Activities

Throughout the project, the project partners will strive to identify standards relevant to the project activities and opportunities for using project results to contribute to standardization efforts. The main approaches to achieve standardization of results are:

- Through monitoring of standardization bodies (see Table 6) and identification of relevant standards and standardization activities, FInest will ensure that the research results produced by the project will be aligned with existing and emerging standards from the relevant communities, for example services, telecommunications, and semantics.
- Through contributing to relevant on-going standardization efforts, the project consortium will feedback into the standardization process providing experiences, lessons learned, and research results.
- Through taking initiative for the establishment of new standardization efforts within relevant standardization bodies, the project will promote standardization of new technologies not covered by current standards or standardization efforts.
- Through the participation in, monitoring of, and contributions to joint FI-PPP standardization activities, FInest will contribute to the alignment of standardization efforts of the different projects of the program.

Within the planning stage of the project, the consortium members have put in place a series of mechanisms, contacts, and channels in order to realize our standardization goals. Many of the



project partners are fully involved in on-going standardization efforts. Additionally, there is an on-going harmonization of different standards related to service specifications (OASIS, OMG, W3C, etc.) — which all have standards related to service-oriented computing, as well as to the processes of doing collaboration. For the maritime segment the initiatives e-Navigation and e-Maritime are concepts that will identify the interaction processes as well as information contents to be used between the different stakeholders. An agreement has already been made between these organizations of continuing harmonization of relevant standards. This motivates the cross standardization approach taken by the project to ensure that the different standards produced by these bodies all benefit from the project results.

One of the main goals for the project is to identify bottlenecks in the transport and logistics industry today, and identify the potential for more integration, more efficiency and more environmental friendly transport in the future by use of solutions that are made available by the Future Internet. Standardization of processes, interactions, software architecture, information objects, and ways of publishing information on the Internet will be one of the major drivers for success in the future. This includes the potential for better supply chain management, replanning in case of deviations, better information exchange between different technologies, and improved reception and integration of status information from different sources.

As the project is focused on applying Future Internet technologies in the transport and logistics domain, the FInest standardization efforts will be in both the information and communication technology domain and the transport and logistics domain.



6. Dissemination Results

This is the report of dissemination results achieved by Month 6 of the project.

6.1. Web Site

Available since month 1 of the project. Continuously updated. See deliverable D10.1 for details. A snapshot from home page can be seen in Figure 2.



Figure 2 - FInest Web Site



6.2. Events and Conferences

- Local meetings:
 - FInest Kickoff Essen
 - o 2nd Project Meeting in Istanbul: Press releases about FInest project in Turkish.
- FI PPP Programme Launch in Brussels
- Finest presentation at 2nd Future Internet Summit (June 6 2011, 11:00-15:00, Luxembourg)
 - The 2nd European Summit on the Future Internet provided a forum for the
 presentation and discussion of the issues, trends and actions confronting the future of
 the Internet.
 - The summit was the focal point for the exchange and sharing of lessons learnt and for the presentation and discussion of some of the developments that have taken place in the domain of smart cities.
 - Particular emphasis was given to presenting the first set of successful projects from the Future Internet PPP call. Finest has been represented by its Technical Coordinator, Dr. Andreas Metzger from Paluno (Ruhr Institute for Software Technology at the University of Duisburg-Essen, Germany
- NESSI Members Day Valencia
 - There was no possibility to make FInest presentations due event program. FInest
 newsletter is distributed and WP Leader has given information about FInest during his
 networking activities with other participants.
- FI-PPP Programme and Cluster meetings: FInest members of FI PPP Workgroups have participated in steering, architecture board and dissemination work group meetings during FI Week in Budapest
- ICTurkey Event: A pop-up poster is prepared to show in the exhibition area of ICTurkey Event in Istanbul. Draft poster can be seen in Appendix 8.4

6.3. Publications

- T. D. Meijler, M. Stollberg, M. Winkler, K. Erler, "Coordinating Variable Collaboration Processes in Logistics" in Proc. of the 13th International Conference on Modern Information Technology in the Innovation Processes of Industrial Enterprises (MITIP 2011), Trondheim, Norway, 22 June 24 June 2011.
- Metzger, A.; Cassales Marquezan, C. Future Internet Apps: The next wave of adaptive serviceoriented systems? In Proc. ServiceWave 2011, Poznan, Poland, October 26-28, Springer LNCS, 2011.



• Franklin, R. Metzger, A., Stollberg, M., Engel, Y., Fjørtoft, K., Fleischhauer, R., Marquezan, C., Ramstad, L.S. "Future Internet technology for the future of transport and logistics" (ServiceWave FI PPP Track)

6.4. Press Releases and Media

- The First FInest newsletter which is prepared and distributed in Budapest and later in Luxembourg can be seen in Appendix 8.1
- FInest News Release (in German)
 - A news item on FInest's ambitions and contribution to sustainable transport and logistics has been released.
- The text (in German) can be accessed here: http://www.uni-due.de/de/presse/meldung.php?id=2881
- Finest News Releases (in Turkish)
 - FInest solutions presented to Turkish newspaper Türkiye and the most popular ICT magazine BT Haber which can be seen in Appendix 8.2 and 8.3 respectively.

6.5. FI-PPP

- Joint programme look and feel?
- Finest project info including web site link is included in FI-PPP portal.
- Contributing the FInest general presentation
- Co-organizing the FI PPP session at ServiceWave 2011

6.6. Collaborations with Other Projects

The initial assessment has been done with identifying the potential projects which are listed in Section 4.5 and the specific results on this subject are due in deliverable D10.4 Interim report and revised plan for dissemination and standardization.

6.7. Thematic Networks and Associations

FInest newsletter is distributed in NESSI Members Day Valencia.

6.8. Other

Draft FInest Brochure has been prepared and after approval it will be put on web site and printed copies will be distributed in events including FI Week in Poznan.



7. Conclusions

To achieve maximal impact of the project FInest has initiated and planned dedicated activities for dissemination and standardisation which consider all relevant target groups and types of forums. This deliverable reported on FInests's dissemination plan, which is continuously updated throughout the project.

In addition the dissemination results of the first six months of the project have been presented. They show FInest's ambition and power to spread the word about the project in forums ranging from industry-targeted events to research conferences.



Appendices 8.

8.1. Newsletter



NEWSLETTER #1



Future Internet PPP Use Case Project

Transport and logistics is concerned with the planning and execution of the world-wide shipment of goods and people. This constitutes the backbone of the European economy where transport and logistics service providers operate as global businesses.



Future Internet technologies can facilitate radical improvements in business efficiency this industry leading to positive socio-economic and ecological impact.

The ultimate aim of the Flnest project is to develop a Future Internet enabled ICT platform for better supporting and optimizing the collaboration and integration within international transport and logistics business networks.

FInest Kick-off

On April 11-12, 2011 the Finest project members had come together in Essen, Germany to kick off



the project. Finest will run for a duration of two years and brings together 11 partners from 7 countries. Finest partners include logistics and service providers, physical transport providers, public authorities, customers, ICT companies and research institutes. The Kick-off meeting has been hosted by Paluno, the Ruhr Institute for Software Technology at the University of Duisburg-Essen.

FI PPP Launch



Vice-President of the European Commission, Neelie Kroes, has launched the Future Internet PPP in Brussels on May 3, 2011. At this ceremony, Flnest together with other Future Internet PPP activities has been presented to the public and the press, the Brussels policy making community and interested stakeholders. The event featured a symbolic







UPCOMING EVENTS

FIA Budapest Session "Beyond Adaptive Services" (May 18, 2011, 16:30 - 18:30)

Future Internet applications will draw on the convergence of Services, Things, Contents and Networks. The FIA session on "Beyond Adaptive Services" will elaborate on the need for adaptation capabilities by introducing and scrutinizing representative, cross-cutting application scenarios from various application domains. including transport and logistics. The session is co-organized with S-Cube, the EU FP7 Network of Excellence on "Software Services and Systems".

Finest presentation at 2nd **Future Internet Summit** (June 6 2011, 11:00-15:00, Luxembourg)

The 2nd European Summit on the Future Internet will provide a forum for the presentation and discussion of the issues, trends and actions confronting Particular emphasis will be given to presenting the first set of successful projects from the Future Internet PPP call. Finest will be represented by Prof. Dr. Klaus Pohl from Paluno, the Ruhr Institute for Software Technology at the University of Duisburg-Essen, Germany.





8.2. Press Release in Türkiye Newspaper



KoçSistem ve Arçelik, Avrupa lojistik sektörüne yön verecek

■ Avrupa'nın gelecekte rekabetçiliğini artırmayı hedefleyen Future İnternet Public Private Partnership (FI PPP) girişimi kapsamında lojistik sektörüne yönelik yürütülen "FInest" projesinde Türkiye'den KoçSistem ve Arçelik de yer aldı. Avrupa'nın yaşlanan nüfus ve rekabet sorununu aşmak için interneti daha iyi kullanmak üzere 600 milyon euroluk FI PPP bütçesi oluşturulduğuna dikkat çeken Koç Bilgi Grubu Genel Müdürü Mehmet Nalbantoğlu, KoçSistem ve Arçelik'in bu fon kapsamında yer alan ve AB'nin geleceğine yön verecek 8 projeden biri olan Flnest'te iş ortağı olduğunu ifade ederek, "Proje, bir ürünün kaynağından varacağı noktaya kadar en ekonomik nasıl ulaştırılacağı konusuna odaklanıyor. Bu proje ile Türkiye lojistik sektörü dünyayla entegre hale gelecek" dedi. Flnest Proje Koordinatörü J. Rod Franklin de projenin, tedarik zinciri yönetimini kolaylaştırmayı amaçladığını belirterek şunları söyledi: "2 yıl süre-

cek projenin ilk aşaması için AB komisyonunca 5 milyon euroluk bir fon sağlandı. Proje sonucunda beklenen somut sonuç, ticari kullanıma uygun internet ve bulut bilişim temelli bir lojistik sistemi oluşturulması... İkinci aşamada sistemin kabiliyetlerini göstermek istiyoruz." Proje sonucunda oluşturulacak sistemin uluslararası tedarik zinciri yönetimini kolaylaştıracağını kaydeden Franklin, maliyetlerin azalmasının da son kullanıcıların yararına olacağını söyledi.



8.3. Press Release in BT Haber



sorunları arasında yerli



ICT Summit Eurasia – Bilişim Zirvesi '11 – 5 Ekim 2011'de, İstanbul Kongre Merkezi'nde





8.4. Pop-up Poster in ICTurkey Event



www.finest-ppp.eu/

Future Internet enabled optimisation of transport and logistics business networks

- Future Internet-based ICT solutions for sustainable transport & logistics (T&L)
- Increased visibility on T&L processes --> higher business network agility



- Open logistic supply chains --> lower barriers for inter-organizational collaboration and SME access
- Reduced amount of manual and rigid processes --> increased business efficiency
- Economical relevance: T&L responsible for 7% of EU GDP & 5% of EU employment
- Ecological relevance: approx. 15% of global greenhouse gases caused by transportation

Consortium partners:





























8.5. List of concrete dissemination Forums (as of Month 6)

Name of forum	City, Country	URL	Event Dates	Topics addressed
ServiceWave 2011	Poznan, PL	http://servicewave.eu/2011/	26-28 Oct 2011	Future Internet (IoS, IoT, IoC, NoF)
ServiceWave 2011 Workshops	Poznan, PL	http://servicewave.eu/2011/	28 Oct 2011	Future Internet (IoS, IoT, IoC, NoF)
Future Internet Week & Proposers Day	Budapest, HU	http://www.fi-budapest.eu/	16-20 May 2011	Future Internet (IoS, IoT, IoC, NoF), PPP, Application Domains
Future Internet Summit	Luxembourg, LU	http://www.future-internet.uni.lu/	6-7 Jun 2011	Future Internet (IoS, IoT, IoC, NoF)
Digital Agenda Assembly	Brussels, BE	http://ec.europa.eu/information_society/digitalagenda/daa/	16-17 Jun 2011	Digital society and economy
3rd Future Internet Usage Area Workshop	Brussels, BE	http://initiative.future-internet.eu/events/3rd-usage-area-workshop.html	28-29 Jun 2011	Usage Areas (follow up of Use Case projects)
Internet of Things Week 2011	Barcelona, ES	www.iot-week.eu/2011	6-9 Jun 2011	IoT
5th Future Internet Cluster Workshop	Warsaw, Poland	http://www.isgtw.org/event/5th-future-internet- cluster-workshop-special-focus-future-network- architectures	14 Jun 2011	Future Network Architectures



Future Internet Symposium	Vienna, Austria	http://www.fis2011.org/	8-9 Nov 2011	Future Internet (IoS, IoT, IoC, NoF)
4th NEM Summit	Torino, IT	http://nem-summit.eu/	27-29 Sep 2011	Networked Media
Global Forum	Brussels, BE	http://www.items.fr/spip.php?rubrique110	24-26 Oct 2011	Economic, Political, Social and Societal issues related to the successful evolution of the Information Society
ICSOC 2011		http://www.icsoc.org/	5-8 Dec 2011	Service-oriented Computing
ETSI WORKSHOP ON FUTURE NETWORK TECHNOLOGIES	Sophia Antipolis, FR	http://www.etsi.org/FUTURENETWORKTECHNOLOGI ES	26-27 Sep 2011	NoF, IoT, Energy efficiency
"Internet and Societies" conference	Brussels, BE	http://paradiso-fp7.eu/2010/03/31/register-for-the-2011-conference/	7-9 Sep 2011	interactions between Internet and societal developments in the next decades
FIA Poznan	Poznan, PL	http://www.fi-poznan.eu/	24-26 Oct 2011	FI
Plenary session for FI PPP at FIA Poznan (tbc!)	Poznan, PL		26 Oct 2011	FI PPP projects
CONCORD / PPP Exhibition Booth	Poznan, PL		24-28 Oct 2011	
PPP / CONCORD Demonstration (tbc!)	Poznan, PL		26 Oct 2011	Joint demonstration evening
CeMAT 2011	Hannover, Germany	http://www.cemat.de/	2-6 May 2011	Research topics in Logistics Engineering



Transport Logistic 2011	Munich, Germany	http://www.transportlogistic.de/	10-13 May 2011	Research topics in Logistics Engineering
SRII (Service Research and Innovation Institute) Annual Global Conference	San Jose, USA	http://www.thesrii.org/index.php/2012-call-for-papers	17-20 Jul 2012	service science
European Conference on ICT for Transport Logistics (ECITL)	Thessaloniki, Greece	http://www.ecitl.eu/index.php	13-14 Oct 2011	ICT for T&L
28. Deutscher Logistik-Kongress		http://www.bvl.de/dlk	19-21 Oct 2011	single largest logistics event in Germany
3rd International Conference on Dynamics in Logistics (LDIC 2012)	Bremen, DE	http://www.ldic-conference.org/	27-2 Feb/Mar 2012	
BVL Science Section	Hamburg, DE		June 2012	Cloud Logistics

Table 7 - Present Potential Dissemination Events