

eCO-friendly urban Multi-modal route PAnning Services for mobile uSers

FP7 - Information and Communication Technologies

Grant Agreement No: 288094

Collaborative Project

Project start: 1 November 2011, Duration: 38 months

D7.2.4 - Dissemination Plans and Materials

Workpackage: WP7 - Dissemination & Exploitation
Reporting Period: 1 November 2013 – 30 November 2014
Due date of deliverable: 30 November 2014
Actual submission date: 30 November 2014
Responsible Partner: CTI
Contributing Partners: CTI, CERTH, KIT, TomTom, PTV

Nature: Report Prototype Demonstrator Other

Dissemination Level:

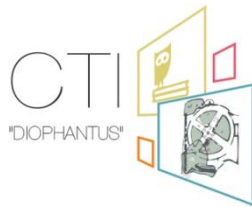
- PU : Public
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 RE : Restricted to a group specified by the consortium (including the Commission Services)
 CO : Confidential, only for members of the consortium (including the Commission Services)

Keyword List: Dissemination plan, dissemination material, target dissemination group, leaflet, poster, web site, social media, publication policy, project event, project web site



The eCOMPASS project (www.ecompass-project.eu) is funded by the European Commission, DG CONNECT (Communications Networks, Content and Technology Directorate General), Unit H.5 - Smart Cities & Sustainability, under the FP7 Programme

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Document history			
Version	Date	Status	Modifications made by
1.0	01.11.2014	First draft	Christos Zaroliagis, CTI
1.1	20.11.2014	Sent to internal reviewers	Christos Zaroliagis, CTI
1.2	21.11.2014	Reviewers' comments incorporated (sent to PQB)	Kalliopi Giannakopoulou, Christos Zaroliagis, CTI
1.3	26.11.2014	PQB's comments incorporated	Kalliopi Giannakopoulou, Christos Zaroliagis, CTI
1.3	30.11.2014	Final (approved by PQB, sent to the Project Officer)	Christos Zaroliagis, CTI

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Summary

This deliverable presents the eCOMPASS dissemination activities for the third year of the project. In particular, it provides information about the current eCOMPASS dissemination plans and materials. Dissemination materials include: the eCOMPASS web presence, a brief project presentation, the leaflet, the poster, the calendar of events, and the project's blog. The dissemination plans include: the specification of our target dissemination groups, the publication policy, and the user forum and event planning. This deliverable is the last version in the series of D7.2.x deliverables.

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1 Introduction

This deliverable constitutes part of our dissemination and exploitation activities taking part in WP7 of the eCOMPASS project. In particular, it provides our current dissemination plans and materials.

The main aim of WP7 is to utilize the accumulated knowledge gained throughout the project for effective and productive dissemination and exploitation. Productive dissemination and exploitation will result in the advancement of both research and development of new products and services in the European research community and market. Where needed, the dissemination plan will be amended to accommodate changes in the dissemination. All consortium partners will be involved in ensuring that all stakeholders, beneficiaries, etc., are being reached, and where needed will ensure that their own networks and contacts are effectively used to ensure commitment to the set objectives. The eCOMPASS project will also try to have as much synergies as possible with other events organized, to ensure the highest take up and participation of key stakeholders.

Dissemination and exploitation is essential to make sure that the results and knowledge gained individually and collectively by the parties in the collaborative eCOMPASS project are known by all those who need. The purpose of the dissemination actions is two-fold:

- Provide all stakeholders who “need to know” outside the consortium with access to a reasonable level of details on the project scope, intention, and expected results and impact, so that they can anticipate the changes which will arise in their domain of activity as a direct or indirect impact.
- Allow the eCOMPASS beneficiaries to benefit from the interaction with external parties, who could not be full partners because of project constraints, but who can give advice/help/inputs for better achievements.

The eCOMPASS consortium strives to ensure that the project results, both research outcomes and developed services & products, are widely disseminated towards appropriate target communities that include:

- Stakeholders groups (targeted user groups and their associations, relevant scientific/technological communities, interested industrial sectors and the potential “consumers”, international standardization bodies).
- Potential end-users that will benefit from the eCOMPASS implementations.
- The general public.

The dissemination should be carried out at appropriate times and via appropriate channels, aiming to maximize social, scientific, and industrial visibility of the developments, findings and outcomes of the project.

Our dissemination plan is divided into the following tasks:

- Task 7.1. Market status and needs
- Task 7.2. Dissemination material and Publication policy
- Task 7.3. User forum and project event organization
- Task 7.4. Cost benefit & cost effectiveness analysis
- Task 7.5. Exploitation and business plan.

The survey on market status and needs, along with a preliminary exploitation plan, was scheduled for Month 12 and is reported in Deliverable D7.1. Tasks 7.4 (cost benefit & cost effectiveness analysis) and 7.5 (exploitation and business plan) are reported in Deliverables D7.3, D7.4.1 and D7.4.2, respectively.

The present deliverable is the fourth in the series of Deliverables 7.2.x and reports our current dissemination activities within Tasks 7.2 and 7.3 of WP7 for the third 12-month period of eCOMPASS.

After the reviewers' comments in the 1st Project Review, dissemination materials are only briefly mentioned in Section 2, since they have been described in detail in D7.2.1, D7.2.2 and D7.2.3.

The dissemination plans are addressed in Section 3 and include:

- The specification of our target dissemination groups
- Our publication policy
- The user forum and event planning

2 Dissemination Material

Our current dissemination material consists of:

- The eCOMPASS web site and presence in the social media
- A brief project presentation
- A leaflet and a poster
- A calendar of events
- A newsletter and other news section

The dissemination material on the web site, social media, brief project presentation, leaflet, poster, calendar of events (including the project's blog), and newsletter are more or less described in detail in Deliverables D7.2.1, D7.2.2, and D7.2.3. The only new aspect (not covered or covered partly in those deliverables) concerns the special section of "News from EC and Other" in a specific web page, shown in Figure 2.1, which contains news from EC and related to the project organizations and fora.

The screenshot shows the eCOMPASS website interface. At the top, there is a logo for eCOMPASS and a tagline: "eCO-friendly urban Multi-modal route Planning Services for mobile uSers". Below the logo is a navigation menu with items: Home, About, Blog, Partners, Documents, Contact Info, Dissemination, Calendar, and Related Links. The main content area is titled "News from EC and Other" and contains several news items under different categories: Unit H5 - Smart Cities & Sustainability, FET Unit, HORIZON Magazine, IEEE ITSS Newsletters, and Other News. The sidebar on the right contains three sections: "Latest blog news" with two entries, "Upcoming events" with three entries, and "User login" with a form for username and password, and a "Log in" button.

Figure 2.1: The eCOMPASS "News from EC and Other" web page.

3 Dissemination Plans

The eCOMPASS consortium strives to ensure that the project results, both research outcomes and developed services & products, are widely disseminated towards appropriate target communities that include:

- Stakeholders groups (targeted user groups and their associations, relevant scientific/technological communities, interested industrial sectors and the potential “consumers”, international standardization bodies).
- Potential end-users that will benefit from the eCOMPASS implementations.
- The general public.

The dissemination should be carried out at appropriate times and via appropriate channels; those who can contribute to development, evaluation, uptake and exploitation of the eCOMPASS outcomes will be identified and encouraged to participate. The dissemination activities also aim to maximize social, scientific, and industrial visibility of the developments, findings and outcomes of the project.

Recall that our dissemination strategy involves the following activities:

1. A market survey addressing the market status and needs
2. The production of dissemination material and the formation of a publication policy
3. The creation of a user forum and the organization of project events
4. A cost benefit & cost effectiveness analysis
5. An exploitation and business plan

and that activity 1 (market survey) was planned for Month 12 and reported in Deliverable D7.1, while activities 4 (cost benefit & cost effectiveness analysis) and 5 (exploitation and business plan) are reported in Deliverables D7.3, D7.4.1 and D7.4.2, respectively.

Section 3 of this deliverable concentrates on the eCOMPASS dissemination plans regarding the aforementioned activities 2 and 3 within the particular reporting period (Month 25 - Month 37). The dissemination material for the same period is detailed in Section 2.

A major part of our dissemination strategy is the identification of target dissemination groups. These involve:

- The scientific community (ICT, transportation, and environmental research communities).
- The industry (transportation companies, logistics companies, transportation consulting companies, software ITS companies, etc).
- Public transportation authorities.
- Citizens and car drivers.

The academic partners of the eCOMPASS consortium (CTI, CERTH, ETHZ, KIT) are mainly responsible for disseminating the project’s results to the scientific community and to the public transportation authorities, while our industrial partners (TomTom, PTV) are mainly responsible for disseminating the project’s results to the industry and to the citizens and car drivers.

Our publication policy as well as our current activity on events and the establishment of a user forum is described in the rest of this section.

3.1 Publication Policy

The eCOMPASS consortium has a great interest in promoting the project’s research results through publications in high impact scientific journals and conferences. Publication media

encompass those scholar publications in the scientific areas touched by the specific research carried out within eCOMPASS, which fits perfectly into the general research orientation of the eCOMPASS partners, and will help to further deepen their scientific excellence.

In particular, eCOMPASS' publications will be sought in journals and conferences in the following areas:

- (a) Algorithms
- (b) Route planning in road networks
- (c) Multi-modal and/or multi-objective route planning
- (d) Data management and data interoperability with focus on the transportation domain
- (e) Transportation
- (f) Tourist-related route planning

In this respect, the eCOMPASS consortium will aim at disseminating the project's results through a large number of publications means in order to produce a significant impact on the relevant scientific communities. In the following, we present our indicative publication plan, split into algorithmic & optimization-related, transportation-related, tourism-related, and data interoperability-related journals and conferences.

3.1.1 Journals

Target algorithmic & optimization-related journals include (but not limited to):

- ACM Transactions on Algorithms
- ACM Journal of Experimental Algorithmics
- Acta Informatica
- Algorithmica
- Computational Optimization and Applications
- Computers & Operations Research
- Discrete Applied Mathematics
- European Journal of Operational Research
- International Journal of Computational Intelligence and Applications
- International Journal of Computational Science and Engineering
- Journal of Computer Science and Technology
- Journal of Discrete Algorithms
- Journal of the Operational Research Society
- Networks
- Optimization
- Operational Research
- Theoretical Computer Science
- Theory of Computing Systems

Target transportation-related journals include (but not limited to):

- Transportation
- IEEE Transactions on Intelligent Transportation Systems
- Research in Transportation Business & Management
- Computers, Environment and Urban Systems
- International Journal of Logistics Management
- International Journal of Sustainable Transportation
- International Journal of Transport Management
- ITE Journal
- ITS International
- Journal of Advanced Transportation

- Transportation Research
- Transport Policy
- Journal of Intelligent Transportation Systems: Technology, Planning and Operations
- International Journal of Intelligent Transportation Systems Research
- Journal of Transportation Engineering (ASCE)
- Journal of Transportation Planning and Technology
- International Journal for Traffic and Transport Engineering
- IET Intelligent Transport Systems

Target tourism-related journals include (but not limited to):

- Journal of Information Technology & Tourism
- Tourism Management

3.1.2 Conferences

Target algorithmic & optimization-related conferences and workshops include (but not limited to):

- ACM-SIAM Symposium on Discrete Algorithms (SODA)
- ACM Symposium on Theory of Computing (STOC)
- European Symposium on Algorithms (ESA)
- International Symposium on Experimental Algorithms (SEA)
- Algorithm Engineering and Experiments (ALENEX)
- International Colloquium on Automata, Languages and Programming (ICALP)
- International Symposium on Algorithms and Computation (ISAAC)
- International Workshop on Combinatorial Algorithms (IWOCA)
- IEEE Symposium on Foundations of Computer Science (FOCS)
- Symposium on Theoretical Aspects of Computer Science (STACS)
- Workshop on Approximation and Online Algorithms (WAOA)
- International Conference on Theory and Practice of Algorithms in (Computer) Systems (TAPAS)
- Workshop on Computational Optimization, Modeling and Simulation
- Scandinavian Workshop on Algorithm Theory (SWAT)
- Workshop on Algorithms and Data Structures (WADS)
- Workshop on Algorithmic Approaches for Transportation Modelling, Optimization, and Systems (ATMOS)
- European Conference on Operational Research (EURO)

Target transportation-related conferences and workshops include (but not limited to):

- IEEE International Conference on Intelligent Transportation Systems
- IEEE International Conference on Vehicular Electronics and Safety
- Intelligent Transportation Systems (ITS) World Congress
- International Conference on Traffic and Logistic Engineering
- International Conference on Urban Transport and the Environment
- AET European Transport Conference
- Transportation Research Board Conference on Innovations in Travel Modeling (ITM)
- HMI Transport & Systems Europe
- Symposium on International Automotive Technology
- International Conference on Transportation Planning & Implementation Methodologies
- Transport Research Arena
- International Conference on Traffic and Transport Engineering

- IEEE Intelligent Vehicles Symposium
- IEEE Vehicular Technology Conference

Target data interoperability-related conferences and workshops include (but not limited to):

- Data Interoperability Conference

As new publications media may arise, the aforementioned plan will be adapted accordingly.

3.2 User Forum and Events

We have established and maintain a user forum aiming at diffusing the project concept and public results to a wide audience and achieving maximum industrial and public consensus on the suggested implementation scenarios and priorities.

The objective of the eCOMPASS User Forum was to target the participation of at least 50 external actors from at least 6 countries, including:

- (a) Researchers in related projects,
- (b) Environmental advisors/trainers,
- (c) Citizens and Drivers,
- (d) Drivers associations representatives,
- (e) Environmental Authorities and public transportation authorities,
- (f) Municipalities and other urban actors.

The members of the User Forum will have priority access to project results and sites. They will be invited to the project workshops and will be consulted on the project suggested implementation strategies and priorities, and they will receive project hand-outs and early information on the project results.

The *current status* of the eCOMPASS user forum consists of **more than 300** external actors coming from **13** different countries (Australia, Belgium, France, Germany, Greece, Italy, Israel, Malaysia, Netherlands, Spain, Turkey, UK, USA), and who stem from all the aforementioned six categories (a)-(f).

Figures 3.1 and 3.2 show the distribution of the external experts according to their categorization as well as according to the countries they come from.

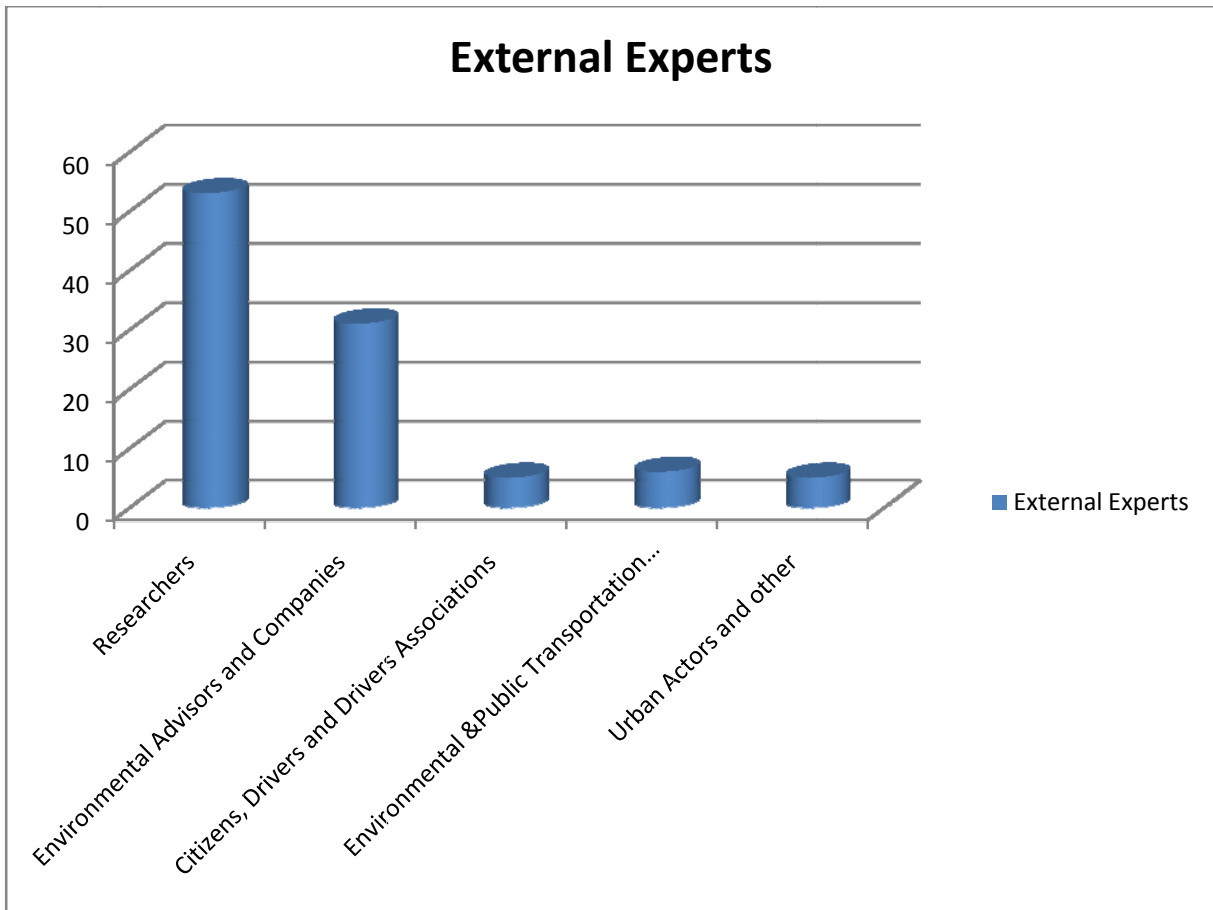


Figure 3.1 External Experts Categories (percentage values)

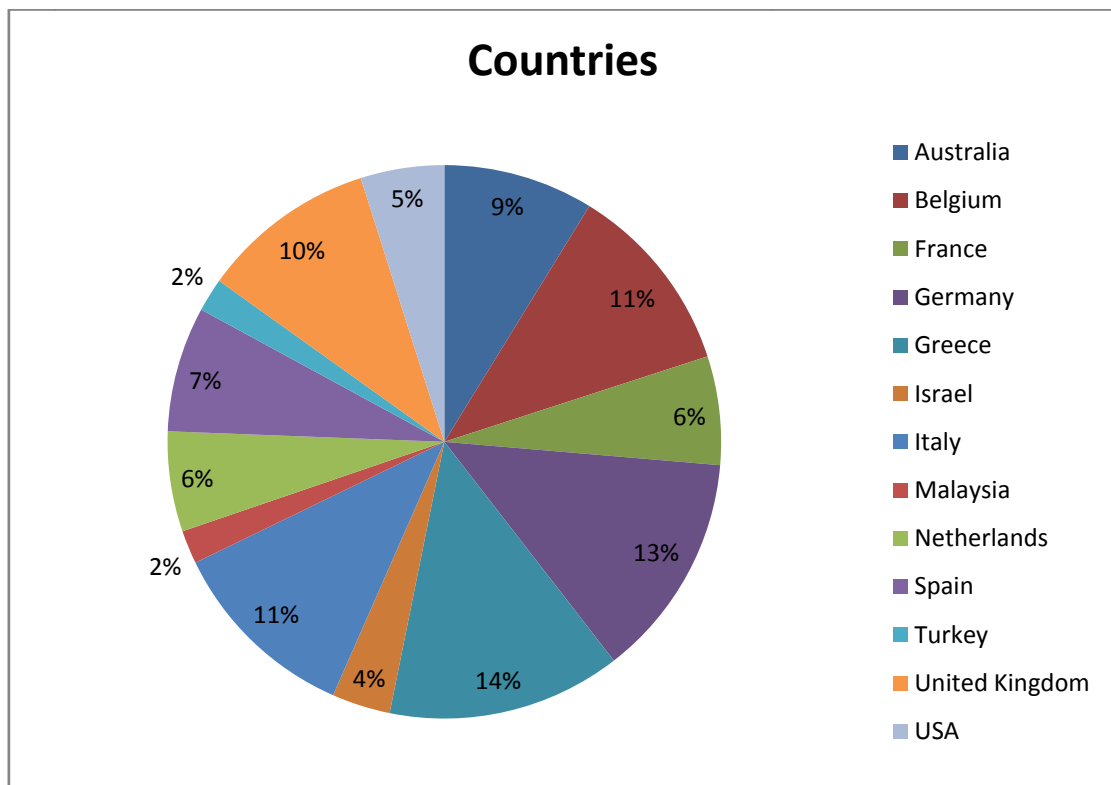


Figure 3.2 External experts' countries they come from

Regarding event organization, eCOMPASS members concentrated on the organization of our main event (a European Workshop on “environmental friendly urban routes for mobile users” after Month 24), which took place in Zurich on 22-24 January 2014. The event was hosted and organized by partner ETHZ. It attracted about 60 participants from academia and industry (Google, Ford, Deutsche Bahn, AWK, ASTRA, etc). More than 30 of the participants were external (to the project) experts, providing useful feedback to the so far project achievements, thus achieving fully the target set in DoW for the workshop.

In addition to this main workshop, we organized two smaller pilot-related workshops. The first one took place in Berlin on 5 August 2014, while the second one took place in Berlin on 7-8 October 2014. Both workshops concerned our pilots, where live demos and/or car driving using the eCOMPASS private vehicle and fleet of vehicles services were demonstrated. Short videos of our applications have also been prepared and showed during these workshops.

Regarding event planning, our efforts concentrate along two main threads: (a) the organization of project related events and (b) the participation of project partners to various events related to the eCOMPASS project.

Our third Workshop will be organized by the Consortium after the end of the project (Month 38). Its aim will be to widely disseminate the final results of the eCOMPASS project to an as large as possible audience of external experts and practitioners. Further such seminars or relevant smaller workshops will also be organized after the Month 38, to disseminate the most mature results of the project.

Except for the organization of project events, the eCOMPASS partners plan to participate in several other major events related to the eCOMPASS scope.

Such events include (but not limited to):

- International conferences (e.g., TRA, ITS, ESA, ATMOS, etc)
- Exhibitions
- Information days
- EC workshops

4 Conclusions

This is the final version of the deliverables D.7.2.x, presenting the dissemination plans and materials of the eCOMPASS project.