

Project

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D1.3 (2)

Quarterly management report (2), 2011-10-01 to 2012-02-29

Document

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Authors

Name	Organization/Unit
M. Litzenberger	AIT DSS SNI

Approval

Name	Organization/Unit
M. Litzenberger	AIT DSS SNI

Authorization

Name	Organization/Unit
E. Davila-Gonzales	European Commission DG INFSO G.4 - ICT for Transport

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1 Introduction

1.1 Purpose of the Document

The purpose of this document is to report on the project progress in the second quarter of the project CARBOTRAF.

1.2 Document Scope

This document is to be used for reporting by the PC to the PO. It covers all activities of the project of project partners in the project months 4 to 6 from 2011-12-01 to 2012-02-29.

1.3 Management Summary

This document provides information on the project progress in the second quarter of the CARBOTRAF project. The project progresses with delay due to the late finalization of the consortium agreement.

Milestone MS2 “system specifications” and deliverables are delayed but will, as of now, not affect the overall project progress.

The spending of efforts is also behind plan (roughly 10 % of the planned efforts spent, 17 % would be the average for the first half year of this 3 year project) which is in line with the delay of deliverables.

1.4 Partners

This section defines the contribution of each project partner to the document.

- AIT has written and edited this QMR.
- The partners have contributed by reporting their efforts and dissemination activities.

1.5 Definitions, Acronyms and Abbreviations

Acronym	Description
CA	Consortium agreement
D	deliverable, see DoW for a definition of Ds
DoW	description of work
DSS	Decision support system
ECP	electronic communication platform
M	Project month
MoM	Minutes of meeting



MS	milestone, see DoW for a definition of Ms
NA	not applicable
PC	project coordinator
PM	Person months
PO	project officer
T	task, see DoW for a definition of Ts in CARE
TBD	to be defined
WP	work package, see DoW for a definition of WPs

1.6 References

[1] Project CARBOTRAF, Annex I to the grant agreement no. 287867, Description of Work (DoW)

1.7 Notation

NA



2 Planned activities for the current period

WP2 planned to finalize the requirements analysis D2.1 in M4 by organizing focus meetings and a workshop with stakeholders in both test cities and analyzing the needs of the stakeholders. The delay of the CA introduced some delay as stakeholders were not addressed until the situation with the CA had been clarified. Non-availability of many stakeholders led to a further delay over Christmas. The delay of D2.1 in turn delayed D2.2, D6.2 and D6.3 which depend on the availability of D2.1.

WP4 planned to deliver a report on emission models D4.1. Following the delay of the CA the necessary personnel was hired late and this also delays that deliverable.

WP8 planned to finalize the dissemination plan.

3 Work progress and achievements during the period

3.1 WP 2

WP2 held several technical meetings within the consortium, focus meetings with stakeholders in the test cities and the stakeholder workshop in the city of Graz.

The stakeholder workshop in Graz on Feb.17th yielded many useful ideas and requests from the participating stakeholders that will be respected in the further progress of the project towards the test installation in Graz. The date for the second stakeholder workshop of the project in Glasgow has been fixed for March 13th.

Deliverables D2.1 and D2.2 have been delayed to M7 and M8 respectively as the specification are based on the requirements document.

3.2 WP 3

WP3 started work on the ITS actions report for the city of Graz based on results of the focus meetings and stakeholder workshop Graz. No deliverables planned or delivered.

3.3 WP 4

No significant activities in the period. D4.1 has been delayed to M8.

3.4 WP 5

AIT started first algorithm development activities for the TDS traffic data sensor. No deliverables planned or delivered.

3.5 WP 6

WP6 started work on the concept and definition of the look-up-table database and the project real-time database. D6.2 and D6.3 delayed as they depend on D2.2.



3.6 WP 7

No significant activities in the period. No deliverables planned or delivered.

3.7 WP 8

Improvements of the public web page layout including a news section that reports on the stakeholder workshop held in Graz. Project dissemination plan D8.3 delayed to M8. A number of publications mentioning the project or describing the project have been submitted to conferences (see 5.4).

4 Deliverables and Milestones

4.1 Deliverables Table

Table 1 Deliverables of the reporting period according to the DoW [1]

Deliverable	Deliverable Name	Lead Beneficiary	Planned Delivery	Status	New Plan
D2.1	Requirements	AIT-MOBILITY	M4	Delayed	M7 2012-03-31
D2.2	System Architecture and Specifications	IBM	M6	Delayed	M8 2012-04-30
D4.1	Report on emission models	IMPERIAL	M6	Delayed	M8 2012-04-30
D6.2	Implemented database for Real-Time Traffic Data	IBM	M6	Delayed	M9 2012-05-31
D6.3	Implemented Lookup-Table Database for traffic/CO2 scenario data	IBM	M6	Delayed	M9 2012-05-31
D8.3	Project Dissemination plan	ETS	M6	Delayed	M8 2012-04-30
D1.3 (2)	QMR (2)	AIT	M6	Delivered	NA

4.2 Milestones Table

Table 2 Milestones of the reporting period according to the DoW [1]

Milestone	Milestone Name	Lead Beneficiary	Delivery Date	Status	New Plan
MS2	System Specifications	IBM	M6	Delayed	M8



5 Project Management

- Rescheduling of delayed deliverables and managing of new time plan
- A technical committee meeting (TCM01) was held in December.
- Update of the project handbook to Version 1.2.

5.1 Changes in the Consortium

No changes in the Consortium.

5.2 Technical Management and Meetings

Table 3 List of Meetings in the reporting period.

Meeting No.	Description	Location	Date and Time	Responsible Name	Resp. Partner
TCM01	technical committee meeting	Conference Call	14.12.2011 11:00	Litzenberger Martin	AIT
TM2-03	Discuss sensor data available from AIT in Graz	Conference call IBM - AIT	21.02.2012 13:00	Bouillet Eric	IBM Research
TM2-02	Finalization of WP2	Vienna, Tech Base Vienna	27.02.2012 10:00	Ponweiser Wolfgang	AIT-MOBILITY
TM2-04	Discussion/definition of LUT concepts and structure	Vienna, AIT-Mobility, Tech Base Vienna	28.02.2012 09:00	Bauer Dietmar	AIT-MOBILITY
TM8-01	Dissemination and Exploitation Plan, Public Web Page Issues	Vienna, Hilton Hotel	28.02.2012 14:30	Kouwijzer Guy	ETS



5.3 Dissemination Events

Table 4 Events where the CARBOTRAF project has been presented or mentioned.

Title	Type or Media	Publication Date	Partner Responsible	Location	Description
RSC AAMG Conference	Oral Presentation	12.12.2011	AUK	London, UK	This conference is attended by most European air quality networks and researchers.
Stakeholder Workshop Graz	Workshop	17.02.2012	AIT-MOBILITY	Graz, Austria	CARBOTRAF project team held a successful stakeholder workshop with representatives of the city of Graz authorities and the state of Styria.
CarboTraf presentation to Mike Batty (UCL) and his group	Oral Presentation	17.02.2012	IBM Research	IBM Smarter Cities and Technology Center, Dublin, Ireland	Research seminar with Mike Batty's group on how CarboTraf-related research can impact urban planning.
Bank Austria - Mobility	Oral Presentation	19.02.2012	IBM	Vienna - Aula der Wissenschaften	Event about new mobility concepts and intelligent traffic management. Audience with 500 guests plus two vice mayors of Vienna and others. Covered CarboTraf project with one slide.
InnoSens Meeting	Oral Presentation	20.02.2012	AIT	Vienna, Austria	Presentation and handout of CARBOTRAF factsheet in the final meeting of the Austrian funded project InnoSens dealing with combined traffic- and AQ-monitoring in Lower Austria.

5.4 Publications

Title	Type or Media	Publication Date	Partner Responsible	Location	Description
IET Magazine	Technical Magazine article	01.12.2011	AUK		Article on BC awareness mentioning the CARBOTRAF project.

A number of technical papers for conferences have been submitted (REALCORP/AT, ITS world congress/AT, i-SUP/BE) and will be reported in the period when they have been actually published.

6 Use of the Resources

6.1 Efforts

The table below reports resources committed to the project per partner and deliverable in total from M1 to M6 in PM.

About 33 PM have been dedicated to the project in this period.

With respect to the total planned 316,6 PM the partners have spent roughly 10% of the planned total efforts so far (17% would be the average in this period for this 3 year project). This is in line with the fact that a number of deliverables are delayed.



Table 5 Efforts in PM per deliverable per partner from M1 to M6 (Note: IBM Research is a third party to IBM).

	AIT	AIT-MOBILITY	AUK	EBE	ETS	IBM	IBM Research	IMPERIAL	VITO	Total
D1.1	0,8									0,8
D1.2	0,6									0,6
D1.3	0,2									0,2
D2.1	3,7	4,9	0,5	1,3	0,1	0,4	0,7	0,2	2,3	14,0
D2.2	1,4			0,6		1,0			0,2	3,2
D3.2		1,1		0,2						1,3
D3.3		0,3				2,2	1,9			4,3
D4.1								0,1		0,1
D4.2									0,1	0,1
D5.1	0,3									0,3
D5.3					0,0					0,0
D6.1						0,9	1,1			2,0
D6.2				0,4		0,2	0,9			1,5
D6.3				0,2		0,2	0,9			1,3
D6.4						0,5				0,5
D6.6						0,6				0,6
D6.7				0,2						0,2
D7.1									0,1	0,1
D8.1	0,1				0,3					0,4
D8.2				0,4	0,2					0,6
D8.4								0,2		0,2
D8.5			0,1	0,8					0,1	1,0
Total	7,2	6,3	0,6	4,1	0,6	6,0	5,4	0,5	2,8	33,5

6.2 Other direct costs and subcontracting

Direct costs in Q2 have mainly occurred for travel to technical meetings, to the focus meetings with the stakeholders and to the stakeholder workshop in Graz. Further spendings were on meeting room reservations and catering for the stakeholder meeting.

