

Quarterly Management Report July - September 2011



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Information Society and Media Directorate-General
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Control sheet

Version history			
Version	Date	Main author	Summary of changes
1.0	29/11/11	Sébastien Mure	Integration of received QMRs
1.1	01/12/11	Sébastien Mure	Update
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Executive summary

The Quarterly Management Report (QMR) consists of information on key project achievements and results and provides an overview of progress made and problems encountered in the third quarter (Q3) of 2011 by HeERO, from 1 July 2011 to 30 September 2011.

1.1 Major project achievements

- 1) *WP3 Kick-off*
- 2) *Transition to new project coordinator*
- 3) *Selection of ICCS as the technical consultant for the Greek Pilot*

1.2 Major problems or delays encountered

- 1) *6 month delay for D2.1 and D2.2*
- 2) *Delay in delivering the QMR 2*

Structure of the document

This report presents the main achievements in the HeERO pilot during the reporting period between July - September 2011.

The report is divided into two sections. Section 1 is dedicated to the activities at Work Package level while section 2 reports the activities taking place in the different Member States.

The two sections report the main progress and achievements, including major problems and delays encountered during the reporting period, and inform about the planned activities for the following reporting period.

SECTION 1:

1 Work Packages Activities

The work performed is presented in this section with a focus to the different work packages. WP1 – Project Management, WP2 - Implementation, WP3 - Operations, WP4 - Evaluation, WP5 -Dissemination and WP6 - Deployment enablers.

1.1 WP1 - Project Management

1.1.1 *Activities and achievements during the past quarter*

WP1.1 Project coordination

Change of the project coordinator

The HeERO project coordinator changed during the period, Andy Rooke replacing Monica Schettino. An efficient handover was organised, which limited the risks inherent to such change. At the end of the period, the new project coordinator is fully in charge of the project.

Contract Amendment

The scope of the contract amendment has been extended, but could not be finalised under the third period.

Project Management Tool

The on-line project management tool was kept up-to-date and used as the main common repository for project documents. As requested, the European Commission officers following HeERO have been invited to join the project place with full access rights. New features of the tool have been developed, such as the tasks planning.

Cooperation with ERA GLONASS

The project coordinator continued the support of the collaboration of HeERO with ERA – GLONASS through the organisation of conference calls. The first cross-border interoperability tests were planned for the next period in Finland.

WP1.2 MS coordination

MS leaders have coordinated the local activities and the contribution to project deliverables mainly through national meetings and conference calls. More details are provided in Section 2.

WP1.3 WP coordination

WP3 kicked-off. More details are provided in Section 1.

WP1.4 Administration and reporting

Submission of the second quarterly management report (QMR)

The project coordinator collected the inputs for the partners and submitted the second QMR to the consortium and the European Commission, however with inputs lacking from one Member State.

Maintenance of mailing lists

The mailing lists have been updated upon request to ensure an appropriate flow of information.

1.1.2 Problems or delays encountered

Due to the holiday season and partly to the change of coordinator, the contract amendment was delayed and should be finalised before the end of the year (end of 4th quarter).

The inputs to the QMR from the Netherlands were received with considerable delay. The project coordinator had therefore to send the QMR 2 to the Project Officer without any input for this specific Member State.

1.1.3 Update on Milestone for the reporting period

No milestone due in this reporting period.

1.1.4 Update on the Deliverables for the reporting period

No deliverable due in this reporting period.

1.1.5 Work planned for the next quarter

1) Reporting

The QMR for the third quarter will be submitted.

2) General Assembly

The HeERO General Assembly will be held on the 26 October.

3) Cooperation with ERA – GLONASS

Cooperation with Russia will be continued mainly through concalls.

4) Regular coordination tasks

Regular project management will be executed during the next quarter.

Anticipated problems and delays

None.

1.1.6 Work Package Coordination meetings held

Title	Subject	Date and Place	Participants
HeERO Management team concall	Review of actions list, WP and MS status report	20/07	WP&MS – Partner – # of attendees WP1 – ERTICO: 3 WP2 & CZ – Telefonica O2/Telematix: 2 WP3 & RO – ITS RO/ELSOL: 2 WP4 & DE – NC/ITSN: 2 WP5 – EENA: 2 WP6 & FI – VTT: 1 IT: 0 HR – ENT/NPRD/HAK: 4 SE: 0 NL: 0 GR - MINGR: 1
		04/08	WP1 – ERTICO: 4 WP2 & CZ – Telematix: 1 WP3 & RO – ITS RO: 1 WP4 & DE – NC/ITSN: 3 WP5 – EENA: 2 WP6 & FI – VTT: 1 IT: 0 HR – ENT/NPRD: 3 SE - LSP: 1 NL: 0 GR: 0
		18/08	WP1 – ERTICO: 3 WP2 & CZ – Telematix: 1 WP3 & RO – ITS RO: 0 WP4 & DE – NC: 2 WP5 – EENA: 2 WP6 & FI – VTT: 1 IT: 0 HR – ENT/NPRD: 3 SE - LSP: 1 NL - RWS: 1 GR - MINGR: 1
		01/09	WP1 – ERTICO: 3 WP2 & CZ – Telematix/MDCR: 2 WP3 & RO – ITS R0/STS: 3 WP4 & DE – NC/ITSN/OCN: 4 WP5 – EENA: 1 WP6 & FI – VTT: 1 IT – PCM: 1 HR – ENT/NPRD: 3 SE - LSP: 1 NL - RWS: 1 GR - MINGR: 1
		15/09	WP1 – ERTICO: 3 WP2 & CZ – Telematix/MDCR: 2 WP3 & RO – ITS R0/STS: 3 WP4 & DE – NC/ITSN/OCN: 4 WP5 – EENA: 2 WP6 & FI – VTT: 1 IT – PCM: 1

			HR – NPRD/ENT: 3 SE - LSP: 1 NL - RWS: 1 GR - MINGR: 1
		28/09	WP1 – ERTICO: 3 WP2 & CZ – Telematix/MDCR: 2 WP3 & RO – ITS R0: 1 WP4 & DE – NC: 2 WP5 – EENA: 1 WP6 & FI: 0 IT: 0 HR – ENT: 1 SE - LSP: 1 NL - RWS: 1 GR - MINGR: 1
HeERO – ERA GLONASS	Status on the collaboration between HeERO MS and NIS for interoperability and cross-border testing	Concall, 06/09	ERT- Monica Schettino, Sébastien Mure NC: Martin Grzebellus, Stefan Götte ENT: Krešimir Vidović, Renato Filjar NPRD: Pavao Britvić Volvo Car: Leif Ivarsson VTT: Matti Roine NIS: Evgeni Meilikhov ITSRO: Dorin Dumistrescu Civitronic: Claudiu Suma

1.1.7 Work Package Coordination meetings planned for the future

Title	Subject	Date and Place	Objectives
HeERO Management team concall	Bi-monthly management concall with reporting from every WP and every HeERO participating country.	Every 2 weeks.	Monitor the status of progress of the different project activities, discuss project issues and take appropriate decisions.
HeERO General Assembly	General Assembly	26 October 2011	Overview of the whole project
HeERO – ERA GLONASS	Status on the collaboration between HeERO MS and NIS for interoperability and cross-border testing	Concall, 28/10	Plannification of the first testing between Finland and Russia, sharing of the WP4 KPIs and measuring procedures

1.2 WP2 – Implementation

1.2.1 Activities and achievements during the last quarter

The main activity was to prepare the technical specifications for HeERO eCall system in order to reach an interoperable solution. A meeting was held in Prag on 26 July, where technical details and specifications were discussed. The number of participants was however lower than expected due to the holiday period.

Results from this meeting were incorporated into a new version of the technical specifications D2.1. D2.1 was then finalised by the end of September.

D2.2, describing the concrete technical implementations in each Member State, was finalised.

Efforts have then been put on the D2.3 and D2.4. D2.3 has achieved an advanced state. D2.4 was briefly started.

1.2.2 Problems or delays encountered

Although already identified as a major problem, the delay in the submission of the WP2 deliverables could not be caught up and was generalised to all WP2 deliverables. A specific effort has been put to finalise the deliverables D2.1 and D2.2, who have dependencies with other WPs of HeERO. The other WP2 deliverables do not have such dependency, which means that the delay in their submission has lower impact on the project as a whole. The delay in WP2 remains a major diversion to the project planning.

1.2.3 Update on Milestones for the reporting period

Milestone ref.	Milestone	Planned Date	Actual Date	Comments
MS2.1	Operational and functional requirements	M3	M9	Done
MS2.2	eCall systems functionalities' specification	M3	M9	Done
MS2.3	Implementation plan	M4	M10	Done
MS2.4	Manuals for operators' training	M6	31.8.2011	

1.2.4 Update on the Deliverables for the reporting period

Deliverable ref.	Deliverable title	Planned Date	Actual Date	Comments

D2.1	Functional and operational requirements report	M3	M9	Submitted
D2.2	eCall systems functionalities specification	M3	M9	Submitted
D2.3	Implementation plan	M4	M10	Delayed. Progress: 80%
D2.4	System test cases and verification	M9	M11	Deployed, in progress
D2.5	Manuals for operators' training	M6	M11	Delayed, in progress

1.2.5 Work planned for the next quarter

First phase of WP2 activities should be finalised during the next quarter.

Anticipated problems and delays

D2.3 submission is estimated to be delayed to October, D2.4 and D2.5 to November 2011.

1.2.6 Work Package Coordination meetings held

Title	Subject	Date and Place	Participants
Technical workshop	WP2, technical specification, used standards	26.7.2011, Prague	T. Tvrzsky (CZE, Telematix, WP2 leader), P.Brenecke (GER, OECON Products&Services GmbH, WP2 leader), V.Velechovsky (CZE, Tef., Solution Architect), D.Potuzak (CZE, Tef., CZ Project lead), K.Hellwig (GER, Ericsson, Consultant), G.Synnefakis (Greece, MTC, El.engineer), R.Ropot (RO, ELSOL, Assist.Researcher)

1.2.7 Work Package Coordination meetings planned for the future

Title	Subject	Date and Place	Objectives

1.3 WP3 – Operations

1.3.1 Activities and achievements during the past quarter

Main activities and achievements

1) WP3 Kick-off Meeting

The WP3 Kick-off Meeting took place on the 13th of September in Bucharest. The meeting was attended by representatives from all countries involved in HeERO. During the meeting the WP Leader presented the vision for this WP and a timeline for the main activities. All the countries presented the current status of their national pilots and a timeline for operation specific activities.

2) First template for D3.1

Work has started on the first template for D3.1. The template will allow the WP3 Leader to gather information about current operating environment (information available in the case files, organisation structure of the 112 system) and the ways in which the implementation of eCall will influence the current operating procedures.

3) WP3 Work Plan

The WP3 Work Plan for 2011 was defined and sent to all the involved partners. They will fill in their planned activities and the resources that they plan to allocate for each activity. The Work Plan includes activities only related to WP3.1 which will end with the delivery of D3.1.

1.3.2 Problems or delays encountered

None.

1.3.3 Update on the milestones for the reporting period

<i>Milestone ref.</i>	<i>Milestone</i>	<i>Planned Date</i>	<i>Actual Date</i>	<i>Comments</i>
MS3.1	WP3 Start	M8	13.09.2011	WP3 has started one month later because many of the partners were in holiday during August.

1.3.4 Update on the deliverables for the reporting period

<i>Deliverable ref.</i>	<i>Deliverable title</i>	<i>Planned Date</i>	<i>Actual Date</i>	<i>Comments</i>
-	-	-	-	-

1.3.5 Work planned for the next quarter

Planned activities and achievements

1) Send template to partners and integrate their inputs

The first template for D3.1 will be sent to all partners involved in WP3. Inputs for every country will be delivered to the WPL in one document edited by WP3 national representatives, gathering information from all the national partners. All the information will be collected by the WPL and included in the first deliverable for WP3.

2) Define the operating procedures

All the countries will define their own national operation procedures for the operators that will handle eCalls. These operation procedures will use as a start line the D2.5 deliverable provided by WP2. The operation procedures will be gathered by the WPL and will be included in D3.1, integrally or partially.

3) Train the operators

The operators that will handle eCall during the HeERO project will be trained in order to be able to use the new functionalities that will be installed. The training will be done using the manuals provided by WP2 and the operating procedures defined in WP3.

Anticipated problems and delays

Some delays are expected considering that the implementation of the new HW and SW isn't finished at the moment in all the countries.

For practical reasons the training of the operators cannot start before all the new equipment is installed and functional and all SW are fully developed.

1.3.6 Work Package coordination meetings held

<i>Title</i>	<i>Subject</i>	<i>Date and Place</i>	<i>Participants</i>
WP3 KoM	Official start of WP3	13.09.2011 Bucharest, Romania	Ovidiu Folcuț (URA) Marcel Opreș (STS) Stefan Götte (NC)

			<p>Frank Brennecke (OCN) Armi Vilkmán (VTT) Tomáš Tvrzský (Telefónica) Georgios Synnefakis (MINGR) Marco Marrazza (PCM) Oscar Bocchini (Emergency Management) Marijan Rimac (HAK) Pavao Britvic (NPRD) Renato Filjar (ENT) Leif Ivarsson (VCC) Karl Hellwing (ERIC) Chris Van Hunnik (KLPD) Thom Verlinden (KLPD) Andrei Grososiu (STS) Sorin Bănică (STS) Dănuț Popescu (STS) Andrei Mihalache (STS) Adrian Buciu (STS) Dorin Dumitrescu (ITSRO) Rareș Ropot (ELSOL) Cristian George Pantelimon (UTI) Angela Mihalcea (RNCMNR) Cornelia Paulina Botezatu (URA) Cezar Botezatu (URA) George Căruțașu (URA) Alin Joița (URA)</p>
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1.3.7 Work Package coordination meetings planned for the future

<i>Title</i>	<i>Subject</i>	<i>Date and Place</i>	<i>Objectives</i>
WP3 Bi-weekly ConfCalls		Bi-weekly ConfCalls	The ConfCalls will allow better coordination for D3.1. The ConfCalls will start in November when we will start receiving input.

1.4 WP4 – Evaluation

1.4.1 Activities and achievements during the last quarter

1) WP4 meeting in Hanover

This meeting was used to finalise the deliverable D4.1 concerning the draft versions of KPIs, test scenarios and test methodologies.

2) Execution of several conference calls with all partners

Major activities within these conf calls were the discussion about the KPIs and test strategies which will be implemented within the different countries and the overall HeERO project.

3) IVS validation proposal

A validation of all IVS used was proposed to assure the interoperability of the different devices to the eCall-standards used within HeERO.

1.4.2 Problems or delays encountered

The submission of the D4.1 has been delayed one month because of lengthy discussions on the structure of the document.

1.4.3 Update on Milestones for the reporting period

No milestones during this reporting period.

1.4.4 Update on the Deliverables for the reporting period

<i>Deliverable ref.</i>	<i>Deliverable title</i>	<i>Planned Date</i>	<i>Actual Date</i>	<i>Comments</i>
D4.1	Draft KPIs, test specification and methodology	31.08.2011	07.10.2011	Many discussions about the structure of the document led to delays in structuring and filling the document.

1.4.5 Work planned for the next quarter

Planned activities and achievements

1) Definition and provision of deliverable D4.2

NavCert will, together with the project partners, develop and provide the final version concerning the definition of KPIs and test methodologies (deliverable D4.2) by mid of November.

Anticipated problems and delays

None.

1.4.6 Work Package Coordination meetings held

<i>Title</i>	<i>Subject</i>	<i>Date and Place</i>	<i>Participants</i>			
			<i>Name</i>	<i>Surname</i>	<i>Company</i>	<i>Country</i>
WP4 meeting	Finalisation of D4.1	29.09.2011, Hanover, Germany	Renato	Filjar	ENT	Croatia
			Pavao	Britvic	NPRD	Croatia
			Anders	Fagerholt	ERICSSON	Sweden
			Rares	Ropot	ELSOL	Romania
			Sorin	Banica	STS	Romania
			Andrei	Mihalache	STS	Romania
			Martin	Grzebellus	NavCert	Germany
			Stefan	Götte	NavCert	Germany
			Michel	Kusters	DVS	The Netherlands
			Thom	Verlinden	KLPD	The Netherlands
			Risto	Öörni	VTT	Finland
			Marco	Marrazza	PCM	Italy
			Tomas	Tvyrsky	TMX	Czech Republic
Panagiotis	Papaspiliopoulos	MINGROS	Greece			
ConCall	Discussion about first draft version of D4.1	09.08.2011	Name	Surname	Company	Country
			Renato	Filjar	ENT	Croatia
			Pavao	Britvic	NPRD	Croatia
			Kresimir	Vidovic	ENT	Croatia
			Anders	Fagerholt	ERICSSON	Sweden
			Rares	Ropot	ELSOL	Romania
			Stefan	Götte	NavCert	Germany
			Ronald	Peters	ITSN	Germany
			Thom	Verlinden	KLPD	The Netherlands
			Matti	Roine	VTT	Finland
			Raine	Hautala	VTT	Finland
Tomas	Tvyrsky	TMX	Czech Republic			
ConCall	Discussion about second draft version of D4.1, clarification of process for collection of input to	26.08.2011	Participating Member states			
			Croatia			
			Czech Republic			
			Finland			
			Germany			
			Greece			
			Italy			
			Sweden			
			The Netherlands			
			Participating Institution			

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	be provided by the partners		ERTICO									
ConCall	Discussion about current status of deliverable, decision about face-to-face-meeting, rules for further ConCalls	16.09.2011	<table border="1"> <tr> <td>Participating Member states</td> </tr> <tr> <td>Croatia</td> </tr> <tr> <td>Czech Republic</td> </tr> <tr> <td>Germany</td> </tr> <tr> <td>Greece</td> </tr> <tr> <td>Italy</td> </tr> <tr> <td>Romania</td> </tr> <tr> <td>Sweden</td> </tr> <tr> <td>The Netherlands</td> </tr> </table>	Participating Member states	Croatia	Czech Republic	Germany	Greece	Italy	Romania	Sweden	The Netherlands
Participating Member states												
Croatia												
Czech Republic												
Germany												
Greece												
Italy												
Romania												
Sweden												
The Netherlands												

1.4.7 Work Package Coordination meetings planned for the future

Title	Subject	Date and Place	Objectives
ConCall	Different issues concerning WP4	Every other week	Close liaison between partners to fulfil the task defined for WP4.

1.5 WP5 – Dissemination

1.5.1 Activities and achievements during the past quarter

Main activities and achievements

1) Update of the WP5 work plan (WP5.1)

During the Q3, WP5 work plan was updated with events that partners intend to attend and/or organise. EENA and ERTICO also worked on dissemination events strategy and planning till end 2012.

2) Website (WP5.3)

The website is currently being upgraded with language versions of each pilot country. The process should end during Q4. The maintenance of the website is taken care of by EENA that regularly makes updates, publishes news as well as deliverables and deals with the HeERO Observers group (registration, access to dedicated webpage, news...).

3) Newsletter (WP5.3)

The 1st HeERO Annual Newsletter has been under prepared. A draft summary was submitted by EENA to all partners who commented and approved it.

4) Dissemination through publications (WP5.3)

The consortium published two news items during Q3:

- A news item related to the EC recommendation and to the impact assessment published on 8/09/2011 was sent to HeERO Observers group and published on the homepage of HeERO website on 8/09/2011.

[See the news here](#)

EENA also sent this news item to all its members (PSAPs, ministries, industry)

- A news item related to the publication of the Deliverable D2.1 was sent to HeERO Observers group and published on the homepage of HeERO website on 20/09/2011.

[See the news here](#)

EENA also sent this news to all its members (PSAPs, ministries, industry)

5) Dissemination through participation to European events (WP5.3)

The consortium prepared an application to exhibit during the Innovation Union Exhibition.

6) Dissemination through organisation of European events (WP5.4)

EENA organised a Roundtable on 112 in Bucharest, Romania (1 July 2011). It gathered 150 Romanian and international stakeholders that were provided with a presentation on HeERO by STS Romania.

[View the presentation here](#)

EENA also held a conference call of the 112 Operations Committee on 14 September 2011. NPRD presented the HeERO project during the presentation of Croatian 112 System.

[View the presentation here](#) (slides 23 to 27)

Several members of the consortium participated to the eCall days in Berlin (21-22 September 2011) organised by ITSN and made presentations about the HeERO project.

[View the after event page here](#)

EENA is currently working on preparing several events that will allow HeERO project dissemination towards an international audience including PSAPs and related public authorities as well as the industry. In 2012, EENA events should be held in Latvia (EU Emergency Services Workshop), in the Netherlands (Roundtable on 112) and in Croatia (Roundtable on 112 + first HeERO conference).

1.5.2 Problems or delays encountered

None.

1.5.3 Update on Milestone for the reporting period

Not applicable for the period.

1.5.4 Update on the Deliverables for the reporting period

Not applicable for the period.

1.5.5 Work planned for the next quarter

1) Update of the WP5 work plan (WP5.1)

During Q4, WP5 work plan will be updated with events that partners intend to attend and/or organise. EENA and ERTICO will continue to work on dissemination events strategy and planning.

2) Website (WP5.3)

The website upgrade with language versions of each pilot country will be finalised.

3) Newsletter (WP5.3)

The Newsletter will be sent by the end of December

4) Dissemination through participation to European events (WP5.3)

Several partners intend to participate to several events in order to disseminate information on HeERO project. If the submitted application is validated, the consortium will participate to the Innovation Union Exhibition in December.

5) Dissemination through organisation of European events (WP5.4)

EENA will continue working on preparing several events that will allow HeERO project dissemination toward an international audience including PSAPs and related public authorities as well as the industry. In 2012, EENA events will be held in Latvia (EU Emergency Services Workshop) and in Croatia (Roundtable on 112 + first HeERO conference). An additional EU Member State will welcome a second Roundtable on 112.

1.5.6 Work package Coordination meetings held

Title	Subject	Date and Place	Participants
WP 5.1	HeERO project dissemination events strategy and planning	19 September 2011, Brussels	EENA, ERTICO

1.5.7 Work Package coordination meetings planned for the future

Title	Subject	Date and Place	Objectives
WP5 confcall 2	WP5 activities (past and future) + HeERO Newsletter	October/November 2011, Conference call	Coordination of dissemination activities + Preparation of the Newsletter

1.5.8 International dissemination and promotional activities

International conferences and/or workshops attended

Partner name	Date	Name and place of event	Contribution & Results
EENA / STS Romania	1 July 2011	Roundtable on 112, Bucharest, Romania	This conference organised by EENA gathered about 150 Romanian and international stakeholders that were provided with a presentation on HeERO by STS Romania. View the presentation here
EENA / NPRD	6-9 June 2011	Conference call of the 112 Operations Committee	During this conference call organised by EENA with several stakeholders (PSAPs, public authorities, industry), NPRD provided a presentation on Croatia 112 system including several slides on HeERO
Almost all consortium	21-22 September 2011	eCall Days, Berlin, Germany	Several partners provided HeERO presentations View the programme here
EENA / STS Romania	1 July 2011	Roundtable on 112, Bucharest, Romania	This conference organised by EENA gathered about 150 Romanian and international stakeholders that were provided with a presentation on HeERO by STS Romania. View the presentation here

Articles published at international level, press coverage, etc...

Partner name	Date	Article title	Publication details
EENA	8/09/2011	The European Commission takes first step to ensure life-saving emergency call system for road accidents in place by 2015	News related to the EC recommendation and to the impact assessment published on 8/09/2011. Sent to HeERO Observers group and published on the homepage of HeERO website. See the news here EENA also sent this news to all its members (PSAPs, ministries, industry)
EENA	20/09/2011	Publication of the Deliverable D2.1 (Functional and Operational requirements Report)	News related to the publication of the Deliverable D2.1. Sent to HeERO Observers group and published on the homepage of HeERO website. See the news here EENA also sent this news to all its members (PSAPs, ministries, industry)
EENA	8/09/2011	The European Commission takes first step to ensure life-saving emergency call system for road accidents in place by 2015	News related to the EC recommendation and to the impact assessment published on 8/09/2011. Sent to HeERO Observers group and published on the homepage of HeERO website. See the news here EENA also sent this news to all its members (PSAPs, ministries, industry)

1.6 WP6 – Deployment Enablers

1.6.1 *Activities and achievements during the last quarter*

WP6 on eCall deployment enablers and barriers started its activities during the spring with a common kick-off meeting with WP4. According to the DoW WP6 is divided into four different tasks producing five deliverables during the project period.

WP6 actions have started concerning barriers and enablers of eCall implementation (WP 6.1). Some nationally supported additional efforts have already directed to the certification process (WP 6.2) by taking part into the EeIP and other related activities.

At the kick-off meeting on the 17 May WP6 and WP4 partners discussed the approaches of both work packages and defined in detail the starting activities and tasks during the whole project period and in detail the Work Plan in 2011.

WP6 started its action by defining the state-of-the-art of the enablers and barriers. The preliminary report was delivered M9 (September).

A questionnaire to the Member States and partners was finalised, followed by a report template definition. Filled questionnaire with good commenting from Sweden, Italy, Greece, Germany, Croatia and Romania were received.

A first version of the report was drafted and delivered to partners on 15th August 2011. Two concalls were held during the summer period mainly about enablers and barriers. A workshop on barriers and enablers was arranged on 22th September in Berlin. This workshop was used to finalise the structure of the report, to identify major issues throughout all the chapters and to define the additional inputs needed from partners. The delivery date was settled to the 30th of October latest. A second version of the draft report was delivered 30.9.2011 for inputs and comments.

Following main action of WP6 is WP6.2 “Assessing certification procedure” in M14-M20 and continuation of WP6.1, based on a new questionnaire and a workshop in 2012. At the Berlin workshop, the partners also discussed the necessary monitoring of barriers and enablers during the pilot implementation and operation phases in the participating Member States. It was agreed that the partners from different Member States would follow the process and gather the required monitoring information during the process.

1) *WP6 Concalls*

Concall meetings devoted major of the time in discussions about the report on enablers and barriers (Preliminary report D6.1).

2) Questionnaire and gathering of data

A comprehensive questionnaire was defined early on, making it possible to gather the required data and information for the preliminary deliverable on enablers and barriers. Inputs were received from Sweden, Italy, Greece, Germany, Croatia and Romania.

3) First versions of the preliminary deliverable D6.1

A first version of the report was delivered on the 15th August, and a second one after the workshop discussions on the 30th of September.

4) WP6 workshop on barriers and enablers

A workshop on barriers and enablers was arranged in Berlin on the 22th September to finalise the structure of the report and to identify further actions.

1.6.2 Problems or delays encountered

The Preliminary report on barriers and enablers (D6.1) was delayed by about a month because of the summer period and vacations of the partners. Nordic countries have vacations usually in June and central European countries in August, meaning a two months vacation period.

1.6.3 Update on Milestones for the reporting period

No milestones due for this reporting period

1.6.4 Update on the Deliverables for the reporting period

No deliverables due in this reporting period

1.6.5 Work planned for the next quarter

Main activity will be to produce the preliminary report D6.1 on enablers and barriers and to monitor the implementation (WP2), operation (WP3) and evaluation (WP4) actions in order to be able to identify all important enablers and barriers relevant to the participating Member States during the piloting.

1) Drafting the preliminary report

The draft report will be prepared, using the received inputs.

2) Delivery of the preliminary report on barriers and enablers (D6.1)

A report on identified enablers and barriers will be produced and delivered during October 2011 based on the questionnaire, first report versions, workshop discussions, and partners inputs.

3) *Monitoring implementation, operation and evaluation*

Enablers and barriers are identified during the various phases of the project, in connection with the different actions of all Work Packages and during arranged seminars. Therefore, continuous monitoring and cooperation with other WP's will be required, followed by the next questionnaire study, in accordance with the Work Plan. WP6 partners are responsible for monitoring of the implementation and operation of the national pilots, including reporting of the situations to WP6.

4) **Work Plan 2012 and actions**

Preliminary Work Plan for the whole project period has been defined. A detailed Work Plan for 2012 will be defined for the continuation of D6.1 and the start of the new task D6.2.

Anticipated problems and delays

Because of the long summer period, D6.1 required inputs have been delayed to September and the report will be delivered by the end of October 2011.

1.6.6 *Work Package Coordination meetings held*

Title	Subject	Date and Place	Participants
WP6 Meeting on D6.1 barriers and enablers	Defining of preliminary report D6.1 barriers and enablers	22 th September, Berlin	Matti Roine, VTT Armi Vilkmán, VTT Marco Annoni, Telecom Italia Pavao Britvic, NPRD Dorin Dumitrescu, ITSRO Renato Filjar, ERICSSON Chris van Hunnik, KLPD Marco Marazza, PCM Sophia Papathanasopoulou, YME Jerome Paris, EENA Gunilla Rydberg, LSP Johanny Svedlund, STA Tom Verlinden, KLPD
WP6 Concall	WP6 progress, Questionnaire, inputs to D6.1 preliminary report	7 th July	Matti Roine, VTT Marco Annoni, TI Pavao Britvic, NPRD Anders Fagerholt, ERICSSON Renato Filjar, ERICSSON Stefan Götte, NavCert Martin Grzebellus, NavCert Christina Lumbreras, EENA Aki Lumiaho, Ramboll Roanald Peters, ITSN Rares Ropot, ITSRO
WP6 Concall	WP6 progress, Questionnaire, inputs to D6.1 preliminary report	27 th July	Matti Roine, VTT Marco Annoni, TI Pavao Britvic, NPRD

			Renato Filjar, ERICSSON Christina Lumbreras, EENA Roanald Peters, ITSN Gunilla Rydberg, LSP Vidovic Kresimir, ENT Monica Schettino, ERTICO
WP6 Concall	WP6 progress, Questionnaire, inputs to D6.1 preliminary report	6 th September	Armi Vilkmán, VTT Marco Annoni, TI Pavao Britvic, NPRD Renato Filjar, ERICSSON Christina Lumbreras, EENA Roanald Peters, ITSN Gunilla Rydberg, LSP Vidovic Kresimir, ENT Monica Schettino, ERTICO

1.6.7 Work Package Coordination meetings planned for the future

Title	Subject	Date and Place	Objectives
WP6 concall	Preliminary report D6.1 drafting	17 th October	State-of-the-art of D6.1 preliminary report and inputs
WP6 concall	Finalisation of D6.1 preliminary report	25 th October	To review agree on final draft
WP6 concall	Work plan 2012	10th November	To agree on Work Plan and activities 2012
WP6 concall	Monitoring the progress of pilot implementation and cooperation with other WPs in defining enablers and barriers	13 th December	To manage progress of WP6
WP6 concall	Monitoring the progress of pilot implementation and cooperation with other WPs in defining enablers and barriers	17 th January r	To manage progress of WP6 and to check actions in 2012

SECTION 2

1 Member States Activities

This chapter reports on local activities achieved by the local HeERO consortium members.

1.1 Germany

1.1.1 Activity during the past quarter

WP1

- Maintenance of the WP level contact list
- Maintenance of the German folder on project place
- Discussion on pre-financing issues with German team and ERTICO
- Organising and running local meetings
- Reporting on and monitoring of the German HeERO part
- Participation in bi-weekly management conference calls
- Participation in meetings with partners from Braunschweig
- Participation in WP-related conference calls, when necessary

WP2

- Preparation of the Braunschweig and Oldenburg PSAPs for the HeERO installation. While Braunschweig will participate in the test according to the test schedule, there is a delay in Oldenburg due to internal construction works. The installation at Oldenburg will start during the 2nd Quarter of 2012.
- Implementation of the EUCARIS network connection. The German National Pilot is now ready for accessing the EUCARIS server
- Developing test cases for the German special PSAP situation and the echo cancellation issue in the MN
- Preparing the PSAP upgrade scenario with a separate eCall Center

WP3

- The work plan for WP3 was developed, provided to the partners and accepted by them. First coordination meeting for the operational phase is planned for 18.10.2011.
- The PSAP in Braunschweig is currently in the implementation phase. It is planned to have the PSAP-simulation installed and running by the end of 2011.
- Participation to the KOM for WP3 in Bucharest

WP4

Inputs of partners concerning KPIs and test methodologies were requested and delivered. These inputs were consolidated and implemented in the deliverable D4.1.

WP5

- Providing HeERO website translation in German
- Preparation of cross-border activities between Czech Republic and Germany
- Preparation and realisation of the eCall Days Germany in Berlin in September 2011
- Coordination with EUCARIS regarding online request of VIN decoder information

WP6

- Preparation of the application eCall vs. Dangerous goods
- Providing the German part of Deliverable 6.1.

Problems or delays encountered

The PSAP in Oldenburg is still under re-construction and will be usable for tests earliest in June 2012. The PSAP won't be used in the first test phase.

Right now, no detailed information is available about the implementation status of the "eCall-flag" at the German MNOs. Therefore the German pilot will use SIM-cards from all MNOs for tests to get a statement about differences between the networks.

The five IVS samples of Continental are still under development and will be ready earliest in March 2012.

1.1.2 Subcontractors activities overview

No activities so far.

1.1.3 Work planned for the next quarter

Planned activities and achievements

WP1

ITSN will perform the management as in the past quarter. There are no outstanding activities planned so far.

WP2

- WP2.2 Integrating the German MNOs into HeERO (eCall flag, time schedule)
- WP2.3: PSAP software and hardware installation, IVS installation, connection to EUCARIS and the German Kraftfahrzeugbundesamt for VIN decoding
- WP2.4: First tests of PSAP and IVS connections (using long numbers instead of 112)
- WP2.5: Operators' training in the PSAPs

WP3

Meetings are planned on the 18.10.2011 and the 24.10.2011 to clarify the general procedures for the testing of eCall within the German pilot. Interfaces, test equipment and test schedules will be defined.

WP 4

- The final definition of the KPIs and test methodologies for the German pilot will be done.
- The development for test and evaluation plan for the German pilot will be completed.

WP5

- ITSN will work on the contribution to the HeERO Newsletter.
- Organisation of a meeting of the German governance stakeholders (BMVBS, BMWi, BMI and MW & MI Niedersachsen)

WP6

- Maintenance of the e-mail mailing list which contains all important German stakeholders
- Reviewing Deliverable 6.1 to finalise it
- Organisation of a meeting of the German governance stakeholders (BMVBS, BMWi, BMI and MW & MI Niedersachsen)

Anticipated problems and delays

No major problems have been identified so far.

1.1.4 National meetings held

Title	Subject	Date and Place	Participants
Steering Meeting	All WPs	14.07.2011 – Braunschweig	NC, OPS, ITSN
Steering Meeting	All WPs	23.08.2011 – Braunschweig	NC, OPS, ITSN

1.1.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
WP Meeting	WP 3 KOM	18.10.2011	Coordination for the operational phase
Steering Meeting	All WPs	24.10.2011	Current status, next steps, preparation of General Assembly

1.1.6 National dissemination and promotional activities

a) National conferences and/or workshops attended

Partner name	Date	Name and place of event	Contribution & Results
ITSN	21-22.9.11	eCall Days Germany, Berlin	Organisation of the international conference with great support from CZ and other partners. Fruitful discussions and good dissemination. Small exhibition.

b) Articles published at national level, press coverage, etc.

<i>Partner name</i>	<i>Date</i>	<i>Article title¹</i>	<i>Publication details</i>
OPS	08.09.2011	Neue Technik schickt Unfallopfern schnelle Hilfe (<i>A new technology send emergency services faster to road accident victims</i>)	Braunschweiger Zeitung, p. 9

¹ Please mention the article in the original language with a short English translation when in a different language

1.2 Finland

1.2.1 Activity during the past quarter

The Finnish consortium has dedicated its major actions on national pilot planning and implementation mainly on WP2, WP4, WP5 and WP6 activities - WP6 is coordinated by VTT. In addition, the consortium has been active in cross-border Finland-Russia pilot planning and testing, and required national activities supporting HeERO project.

The national activities have been coordinated also with the national ITS strategy and its implementation plan including eCall as a strategic element. Discussions with MNO on responsibilities and actions have been carried out. Some further actions have been identified and launched including monitoring on the eCall flag and VIN. Discussions with IVS providers about their participation in implementation and testing have started, aiming at cooperation during the end of the year.

The national pilot utilises the planned test bench, which can cooperate with real IVS or other terminals, and operates with the standardised procedures of eCall. The test bench will be open also for cross-border testing, either with other HeERO partners or with the Russian partners, including the capabilities for producing the defined KPI's for functional evaluation.

The national pilot is now defined and the implementation is planned. Steps for end-to-end evaluation have also been defined. Implementation will start in the coming months, and operation around November 2011.

Planning of cross-border pilot with Russia has been going on. The procedure of IVS testing has been defined. The first phase will be dedicated to compatibility testing and will start with the Russians by the end of October, delivering first results by the end of 2011.

Work on 'Barriers and enablers' has included also major activities on standardisation and harmonisation. The two activities are 'eCall End-to-End Conformance Testing' and 'eCall IVS Periodical Technical Inspection'.

Main achievements

1) WP1 "Management"

National MS and WP6 leader have participated in programme management as expected through Management Team concalls and other activities.

2) WP2 "Pilot Implementation"

The national Implementation Plan has been finalised in detail including also Implementation Plan of the Finland-Russia cross-border pilot. A lot of effort has been directed to the finalisation of the eCall testbed, and the finalisation of the end-to-end testing process.

Required national inputs have been delivered to deliverables D2.1, D2.2, D2.3 and D2.4 timely.

The national eCall state-of-the-art situation has been described and reported as an input to Deliverable D2.1.

The national eCall system functionalities and specifications have been analysed and reported as an input to Deliverable D2.2.

3) WP3 “Operation”

Finland participated to the WP3 kick-off in Bucharest. Required plan for implementation actions for the rest of the year has been delivered to WP3 leader. Implementation actions has been started in connection with the eCall simulation platform and IVS acquisition.

4) WP4 “Evaluation”

Plans for Finnish testing procedures have been made in cooperation with WP4 leaders. Finland has participated to the WP4 conference calls, as well as to the meeting in Hannover. Inputs for D4.1 have been made.

5) WP5 “Dissemination”

HeERO project was presented at the national ITS seminar on the 15.9.2011. Finland has participated to HeERO common WP5 activities.

6) WP6 “Deployment enablers”

WP6 has concentrated in drafting the first report D6.1 on enablers and barriers that will be finalised soon.

Work on eCall related standardisation and harmonisation has been active and will continue. There is a direct link between these activities and eCall Pilots.

7) Cooperation with IVS providers and MNO operators

Cooperation with IVS providers in implementation and testing has started. Negotiations on the eCall flag testing have continued.

8) Cooperation with Russia

Russian party wanted to speed-up the IVS testing. At national level, a detailed testing process has been defined and finalised with the Russians. First tests are due to start in November.

Problems or delays encountered

No major problems have been identified so far.

1.2.2 Subcontractors activities overview

No subcontractors activities in this reporting period.

1.2.3 Work planned for the next quarter

National Pilot implementation and operation is starting. The pilot implementation plan is fine-tuned and responsibilities and roles of various cooperative stakeholders and partners are checked. The VTT eCall Testbed and its necessary integrations and interfaces are finalised. Testing procedures are tested and finalised. The operation of the national eCall pilot will start before the end of 2011.

Finland-Russia pilot is defined in detail and first testing phase will start with IVS compatibility tests in November in Finland.

The work on End-to-end conformance testing and Periodical Technical Inspection will continue and be completed in the next reporting period.

Planned activities and achievements

1) IVS integration

Offers of participation from the potential and identified IVS providers are asked to be delivered by end October. After that the final steps of cooperation will be defined.

2) MNO and eCall flag testing

Cooperation with suitable MNO's has been agreed. Testing procedure will be defined in detail during the autumn.

3) eCall End-to-end conformance testing and Periodical Technical Inspection

Both activities are concentrating on the near future deployment of eCall IVS and End-to-end service. The specifications emerging from these activities will be promoted within HeERO Consortium and partners as soon as they have been frozen and allowed to be disseminated.

4) National eCall cooperation and administration

eCall is one of the priority areas in the national ITS strategy and implementation. The National eCall Forum continues with the necessary support actions during the end of the years.

5) Management of HeERO project and national activities

National HeERO consortium participates in coordination and management meetings every second month in order to support the progress, and especially to support the pilots implementation and operation. Workshop on national pilot implementation is scheduled to the 17th November 2011.

6) National events and awareness raising

Planning and discussion of HeERO cooperation with IVS, MNOs and other relevant stakeholders is going on through the year.

7) HeERO promotion

HeERO project has been promoted in the major national ITS Finland Conference on 15th September arranged by ITS Finland.

8) Cross-border pilot Finland-Russia

Testing of IVS in cross-border piloting will be arranged in November with the Finnish and Russian stakeholders in Finland.

9) Technical meetings and cooperation

Several technical meetings with major stakeholders will be arranged to ensure the progress of pilot implementation and operation.

Anticipated problems and delays

No major problems have been identified so far.

1.2.4 National meetings held

Title	Subject	Date and Place	Participants
IVS	Meeting concerning IVS specifications	9 th July, Pasilankatu 5, Helsinki	VTT, Gecko systems
IVS	General meeting concerning IVS	28 th September, MinTC, Helsinki	MinTC, VTT, EC tools, Gecko systems, Indagon, Elisa
MNO	General meeting concerning MNO duties	11 th October, MinTC Helsinki	MinTC, MNO, Ficora
MNO	Meeting concerning MNO duties	28 th September, MinTC, Helsinki	MinTC, Elisa, VTT
WP4 tests	Meeting concerning Finnish KPIs	15 th August in VTT, Helsinki	Finnish consortium
eCall and Traffic insurances	Meeting with Tapiola Insurance company	9th August in Tapiola, Espoo	VTT, Tapiola
PSAP/ERC	eCall system enablers and barriers discussion	6th September in VTT, Espoo	VTT, PSAP/ERC, Ministry of Interior
Cross border tests	eCall cross border testing planning	12th September in VTT, Espoo	VTT, consortium members
Cross border tests	eCall cross border testing planning	16 th September in MinTC, Helsinki	MinTC, consortium, Russian experts
Cross border	eCall cross border testing	19-20 th September in	MinTC, MinRu, VTT,

tests	planning	Moscow, Russia	Russian experts, ERAGlonass
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1.2.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
National Consortium	HeERO progress, pilot implementation, cooperation with Russia, WP 2012	2 th December in MinTC, Helsinki	Monitoring progress, support the pilot implementation, define next steps
National Consortium	HeERO progress, pilot implementation, cooperation with Russia	Date TBC December in MinTC, Helsinki	Monitoring progress, support the pilot implementation
MNO	Cooperation with HeERO project e.g. eCall flag testing	Date TBC	Agree on cooperation, roles & responsibilities
IVS providers	Cooperation with pilots and definition of the process	Date TBC	Agree on cooperation, roles & responsibilities
National eCall Forum	National cooperation on eCall development and pilot implementation, cooperation with EU forums	8th December in MinTC	Inform and agree on cooperation, roles and responsibilities
Technical team	eCall pilots implementation, progress	Date TBC in November in VTT	To monitor and support eCall pilots implementation
Technical team	eCall pilots implementation, progress	Date TBC in December in VTT	To monitor and support eCall pilots implementation
Technical team	eCall pilots implementation, progress	Date and location TBC	To monitor and support eCall pilots

1.2.6 National dissemination and promotional activities

a) National conferences and/or workshops attended

Partner name	Date	Name and place of event	Contribution & Results
VTT	15 th September	HeERO project, National ITS Conference arranged by ITS Finland	HeERO project presentation - presentation and discussions with the national stakeholders on eCall piloting and implementation

b) Articles published at national level, press coverage, etc.

None

1.3 Romania

1.3.1 Activity during the past quarter

Main activities and achievements

1) *Input for WP2 deliverables*

The input for the first 3 deliverables of WP2 (D2.1, D2.2 and D2.3) was finalised and sent to the WP Leader.

2) *Software development*

In the last quarter, the software development for the MSD decoding and VIN processing modules was started. Also, the work on the software for the interface with the Traffic Management Centre was continued.

3) *Public procurement*

Using the results from SubRO07 the specifications for other subcontracting activities have been completed. The main subcontracting activities for the new HW and SW (SubRO01 and SubRO03) have started (the subcontractors have been appointed and they have already started). Also the specifications the other subcontracting activities (SubRO02, SubRO04 and SubRO05) have been defined and the public procurement process has started.

4) *Evaluation*

The draft KPIs and the testing procedures for measuring those KPIs were defined. All the KPIs and testing procedures have been integrated in the input for the first deliverable of WP4: D4.1.

5) *eCall enablers and barriers*

Input was provided for D6.1 by filling in the Questionnaire provided by the WP Leader. Comments were sent for the preliminary version that was available in the middle of September.

6) *Dissemination activities*

The HeERO leaflet was translated in Romanian, based on the template provided by ERTICO. The translation for the Romanian section of the HeERO website was sent to the WP Leader.

7) *Implementing the eCall flag*

Several meetings were held with representatives of the main Mobile Network Operators in Romania to analyse the possibility of implementing the eCall flag for testing purposes during HeERO. The National Authority for Management and Regulation in Communications was

also contacted to discuss the possibility of regulating the implementation of the eCall flag at national level.

Meetings

1) WP2 National Meeting #9

This meeting took place on the 8th of July at the STS headquarters. The main point on the agenda was the interface between the 112 PSAP and the Traffic Management Centre. This was the first in-depth meeting regarding this matter. General specifications regarding the interface were discussed and agreed by the participants. The protocols that will be used and the type of messages that will be exchanged were also discussed.

2) 3rd National Consortium Meeting

The 3rd National Consortium Meeting took place on the 11th of July at the ITS Romania headquarters. The current status of all the WPs was analysed and all the Consortium partners agreed the proposed activities list. Other points on the agenda were organizing the WP3 KoM and the first financial report.

3) WP4 National Meeting #2

This meeting took place on the 14th of July at STS headquarters. The main point on the agenda was the definition of the testing procedures. Taking into consideration that at the time of the meeting the HW and SW upgrades weren't installed, the procedures had to be defined only at a higher level. The results of this meeting were presented as input for D4.1.

4) WP3 KoM preparation meeting

This meeting took place on the 8th of September at the URA headquarters. During the meeting the last aspects of organising the Work Package Kick-off Meeting were discussed.

5) WP4 National Meeting #3

This meeting took place on the 15th of September at the STS headquarters. During the meeting the last national KPIs were defined. Also, more in-depth testing procedures for measuring these KPIs were discussed. The results of this meeting were provided as final input for D4.1, in preparation for the physical meeting in Hannover.

6) WP2 National Meeting #10

This meeting took place on the 20th of September at the STS headquarters. The scope of this meeting was to define the specifications for the interface between the 112 PSAP and the Traffic Management Centre. During the meeting the exact data that will be sent to the Traffic Management Centre and the types of incidents that will be forwarded to the TMC has been established.

7) MNO meeting

This meeting took place on the 23rd of September at STS headquarters. This meeting gathered all the main MNOs in Romania as well as the National Authority for Management and Regulation in Communications. During the meeting the different ways of implementing the eCall flag were discussed. Following this meeting, all the MNOs will analyse the different approaches and will rate them both from a financial and technical point of view.

8) *IVS Conference Call*

This Conference Call took place on the 27th of September. This was the first in-depth technical conference call with the national IVS provider. The partners of the HeERO consortium presented to the IVS provider the tests that will be done during the pilot. Following this conference call the IVS provider will send the technical specification of the module and remote tests will begin during the next months.

Problems or delays encountered

None.

1.3.2 Subcontractors activities overview

Subcontractor name	Task(s) to be performed	Progress towards executing the task(s)
Electronic Solutions	SubRO07 - Technical specifications for PSAP upgrade	The final report was delivered.
ROHDE & SHWARZ TOPEX	SubRO01 = HW for IVS and extracting the MSD in PSAP	A prototype for the HW is available. The final version will be delivered by the end of November.
TeamNet International	SubRO03 = Software for processing and integrating the MSD in the 112 system	Software development has started. The final version will be delivered by the end of October.
TeamNet International	SubRO04 = HW installation	The installation will be performed by the end of November
TBD	SubRO02, SubRO05, SubRO06	The public procurement procedures have been started. The HW will be delivered by the end of November

1.3.3 Work planned for the next quarter

1) *Software development*

During the next quarter the software development for the MSD decoding and VIN processing modules will continue. Also, the work on the software for the interface with the Traffic Management Centre will continue.

2) *Public procurement*

The subcontracting activities that were started will be finished (SubRO01 and SubRO03). All the main subcontracting activities that haven't started yet, will start and will finish during the next quarter (SubRO02, SubRO04, SubRO05, SubRO08, SubRO09).

3) *System verification*

After all the HW and SW have been procured/developed, the verification tests will be run. These tests, together with the obtained results will be used to provide input and help for the finalisation of the fourth deliverable of WP2 (D2.4).

4) *Evaluation*

Work will be done to define the final KPIs that will be included in the second deliverable of WP4 (D4.2 – Final KPIs).

5) *eCall enablers and barriers*

Further input will be provided for the first deliverable of WP6, which will be finalised in the next quarter.

6) *Starting the operation activities*

The first activities of WP3 Operation will begin. Work on the input for the first deliverable for WP3 will start. The operators will be trained to use the new features provided by the PSAP HW and SW upgrades.

7) *Dissemination activities*

Input will be provided for the first HeERO Newsletter. Also, the translated Leaflet and Flyer will be printed and disseminated at national level.

8) *IVS testing*

The first tests with the modules provided by our national IVS provider will be started. Firstly some remote tests will be done, to observe if any issues regarding compatibility arise. Following these first tests, some more specific laboratory tests will be run to observe the behaviour of the IVS units.

Anticipated problems and delays

None.

1.3.4 National meetings held

Title	Subject	Date and Place	Participants
WP2 National Meeting #9	Agreeing on the general specification for the interface between the 112 PSAP and	08.07.2011, Bucharest	STS, RNCMNR, ELSOL

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Title	Subject	Date and Place	Participants
	the Traffic Management Centre		
3rd National Consortium Meeting	Overview the current status of the project at national level.	11.07.2011, Bucharest	ITSRO, STS, UTI, RNCMNR, ELSOL, URA
WP4 National Meeting #2	Defining the testing procedures	14.07.2011, Bucharest	STS, ELSOL
WP3 KoM preparation meeting	Preparing the Work Package 3 Kick-off Meeting	08.09.2011, Bucharest	STS, URA, ITSRO
WP4 National Meeting #3	Input for the D4.1 deliverable	15.09.2011, Bucharest	STS, ELSOL
WP2 National Meeting #10	Defining the data that will be sent to the Traffic Management Centre	20.09.2011, Bucharest	STS, RNCMNR, ELSOL
MNO meeting	Implementation of the eCall flag	23.09.2011, Bucharest	STS, ITSRO
IVS Conference Call	Establishing the timeline for the tests with the IVS units	27.09.2011	STS, ITSRO, Civitronic

1.3.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
4 th National Consortium Meeting	Current status of the project	21.10.2011, Bucharest	Current status for all the WPs General Assembly Meeting
National Consortium Meeting	-	Every 2 or 3 months	Analysing the current status of the national pilot and resolving any potential problems
Technical Meetings for WP2, WP3 and WP4	-	Anytime a new issue arises	Discussing the technical aspects of the project with all the partners involved in WP2

1.3.6 National dissemination and promotional activities

a) National conferences and/or workshops attended
None.

b) Articles published at national level, press coverage, etc.

None

1.4 Italy

1.4.1 Activity during the past quarter

- 1) *Define the state of the art of existing eCall systems in Italy and of the pan European eCall system*

The analysis has been divided in the three main domains “automotive (IVS)”, “telecommunication (MNO)” and “emergency response centres (PSAP)”. The final document was produced and used in D2.1.

- 2) *Definition of the national requirements for pilot architecture*

The final document was produced and used in D2.1.

- 3) *Definition of the national functionalities for pilot architecture*

A final document was produced and used in the D2.2.

- 4) *Definition of the national implementation plan*

A final document was produced and used in D2.3.

- 5) *Added service*

Identification of the added value service to include into the national pilot: break-down call (bCall)

- 6) *RO integration*

Identification of how to integrate in the Varese test site the RO. An open model was defined, as well as a format to exchange eCall data for traffic management purpose.

- 7) *KPI*

The KPI for the national pilot were defined and selected. They will be used in D4.1.

- 8) *VIN decoder and Eucarys*

Identification of the network data link between Varese PSAP and the Italian registry c/o Ministry of Transport.

- 9) *Use of eCall flag in the telecom fixed network*

Identification of a solution to distinguish between manual and automatic eCalls in the test site: a double number will be used to route the eCalls.

Problems or delays encountered

A problem was flagged regarding the version of the standard to be used, as well as their interpretation. A Task Force has been created at the project level to answer to this risk.

1.4.2 Subcontractors activities overview

No activities subcontracted.

1.4.3 Work planned for the next quarter

1) *PSAP upgrade*

Define and upgrade HW and SW for the PSAP.

Achievement: The PSAP can start testing fixed eCall or IVS eCall.

2) *Telecom and MNO upgrade*

Define and upgrade mobile and fixed network.

Achievement: Mobile and fixed network are ready to route eCall.

3) *IVS prototype boxes*

Setup IVS eCall boxes.

Achievement: IVS boxes are ready to make test eCalls.

4) *Operator training*

Definition of training for PSAP operator for tests

Achivement: D2.5

5) *Test definition and KPI*

Definition of test cases and link with KPI.

Achievement: D2.4

Anticipated problems and delays

No major problems have been identified so far.

1.4.4 National meetings held

Title	Subject	Date and Place	Participants
IT consortium concall	Conference call with all the national partners	4th July.2011	Update project work status and establish next steps and actions
IT consortium	Conference call with all the	18th July.2011	Update project work status and establish next

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concall	national partners		steps and actions
IT consortium concall	Conference call with all the national partners	30th August.2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	05th September 2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	14th September 2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	26th September 2011	Update project work status and establish next steps and actions

1.4.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
IT consortium concall	Conference call with all the national partners	11 th October 2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	24 th October 2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	07 th November 2011	Update project work status and establish next steps and actions
IT consortium concall	Meeting with all the national partners in Turin	16 th November 2011	Update project work status and establish next steps and actions – Visiting test sites
IT consortium concall	Conference call with all the national partners	21 th November 2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	05 th December 2011	Update project work status and establish next steps and actions
IT consortium concall	Conference call with all the national partners	19 th December 2011	Update project work status and establish next steps and actions

1.4.6 National dissemination and promotional activities

- a) National conferences and/or workshops attended

None.

- b) Articles published at national level, press coverage, etc.

None

1.5 Czech Republic

1.5.1 Activity during the past quarter

- 1) IVS development finished
- 2) IVS simulator in operation
- 3) eCall flag implemented in Telefónica mobile network
- 4) PSAP modem development in progress (in vendor's lab environment)
- 5) VIN decoder in operation on testing PSAP
- 6) MSD visualisation functional on testing PSAP
- 7) Integration with GIS workable on testing PSAP
- 8) Data transfer towards ECC systems functional

More details in the chapter 1.5.2. "Subcontractors activities overview".

Problems or delays encountered

No problems occurred until now.

1.5.2 Subcontractors activities overview

The contract on the provision of the expert and technical performance of MDCR and MinVNI duties in the HeERO project was concluded between the Ministry of Transport and Telefónica Czech Republic, a.s., on 29 April 2011.

Subcontractor name	Task(s) to be performed	Progress towards executing the task(s)
Telefónica Czech Republic, a.s.	HeERO WP2 activities Deliverables status : D2.1 Functional and operational requirements report (SOA) D2.2 eCall systems functionalities specification D2.3 implementation plan D2.4 testing and validation of system D2.5 manual for operator's training	D2.1 is finished D2.2 is finished D2.3 is in progress, app. 80% of work has been done D2.4 we have inputs from app. half of countries to this document D2.5 structure of draft of document has been set up

<p>Telefónica Czech Republic, a.s.</p>	<p>Country PILOT CZECH Republic (local HeERO project)</p> <p><u>Detail technical analysis an design (design</u> (input for HeERO functional specification D2.2) - identification of functional and operation parameters, current state of art analysis in 112 env., analytical deliverables for future operation and functional specification</p> <ul style="list-style-type: none"> • IVS • Mobile network • PSAP (inband modem integration, call-taker application, VIN decoder) <p><u>Development and implementation</u></p> <ul style="list-style-type: none"> • Mobile network configuration eCall flag implemented in area of PRAGUE, final implementation is planed till end of October • eCall simulator development, IVS Simulator Implemented in testing env., functional evaluation finished • Development of the PSAP call taker application Integration with VIN decoder interface finished, first version (TCTV – eCall release) of call taker application is installed on testing env. (Inc. Visualization) • VIN Decoder Implemented on testing env., integration with PSAP application tested, decoding of VIN data working property • Development of the PSAP In-band Modem for integration • IVS – in development • eCall Testing platform 	<p>Done</p> <p>Done</p> <p>Done</p> <p>Finished 30th September</p> <p>Finished 30th September</p> <p>In progress - 60 % elaborated</p> <p>Finished 30th September</p>

	establishment	<p>In progress - 60 % elaborated</p> <p>In progress - 60 % elaborated</p> <p>Finished 30th September</p>
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1.5.3 Work planned for the next quarter

- 1) PSAP modem implementation
- 2) Integration testing (IVS - PSAP modem)
- 3) End To End tests (IVS – MNO – PSAP)
- 4) Performance testing basic

Anticipated problems and delays

The work on D2.1 and D2.2 has been finished. Then there are no major obstacles for system development at member states level. Although there is also some delay with D2.3 – 2.5 this fact should not have influence to other following activities. These deliverables should be done till end of November 2011. It is also anticipated that PSAP modem could be potentially delivered late.

1.5.4 National meetings held

Title	Subject	Date and Place	Participants
National project review meeting	Formal meetings to review the status of the project (tasks, communication, escalation, etc.).	Weekly (reg.) or add-hoc	Telefónica CZ as leader, team members
National project review meeting with MS leader	Formal reporting meetings to review the status of the project with the main contractor and its subcontractors.	25.8.2011 , 7.10.2011 - MDCR	MDCR, MinVNI, TMX, Telefónica CZ
National technical desing workshops and meeting	Formal technical workshops or meeting to discuss, negotiate and design technical issues in phase I – Analysis and design (CZ project phase milestone).	Add-hoc	Telefónica CZ (Tef.CZ), TMX, IrisIdent, NextiraOne, MediumSoft, Intens, UAMK, KAPSCH, SherlogTrace, CVUT (CTU in Prague)
		Continuously - Preparing of law No. 56 – Official Access to Car registry for PSAP	Ministry of Transport, PSAP, MinVNI - Col. Ludek Prudil

		Continuously - Preparing a discussion of data structure for EUCARIS Exchange, legal framework	RDW - Ministry of Transport, The Netherlands, IRIS IDENT
		Continuously - Building official sources for VIN structure receiving for VINdecoder fulfilling	Car producers and importers – about 50 companies – AUDI, BMW, IRIS IDENT etc.
		4th July, 8th September, 6th October - Technical workshop PSAP	Telefónica Czech Republic, a.s., VITKOVICE ITS
		12th July - Workshop Interface – Telco ASW, MSD, City of Brno	Netprosys, NextiraOne, Telefónica CZ (Tef.CZ), VITKOVICE ITS
		5th August - Status Meeting (Analytical outputs)	NextiraOne, Alcatel, Intens
		9th August - Status Meeting (Analytical outputs)	NextiraOne, Alcatel, Intens
		2nd September – Workshop eCall regular meeting NxO, TCZ (interval 2 weeks)	Telefónica CZ (Tef.CZ), NextiraOne
		16th September – eCall INTEGRATION AND TECHNICAL WORKSHOP	Telefónica CZ (Tef.CZ), Telematix (TMX), Sherlog, Intens, KAPSCH, UAMK (central auto-moto club), IrisIdent, Vitkovice ITS, NextiraOne Czech

1.5.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
Organizational meetings	Situation reporting, co-ordination of national activities	Since March 2011 bi-weekly, at MDCR or MinVNI	<ul style="list-style-type: none"> - summary of activities taken and achievements - information about likely problems, delays and proposals for actions leading to elimination of

			its negative impacts on the project
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1.5.6 National dissemination and promotional activities

a) National conferences and/or workshops attended

<i>Partner name</i>	<i>Date</i>	<i>Name and place of event</i>	<i>Contribution & Results</i>
MDCR	12.10.2011	19th Road Conference, City of Zlín	Presentation of Jiří Žák, Deputy Minister of Transport: “New Trends in Roads Safety Management”

b) Articles published at national level, press coverage, etc

None

1.6 Sweden

The Swedish consortium has during the third quarter focused on functional tests, as well as on requirements and development of test tools for eCall. In addition, a considerable proportion of the total amount of work carried out by the Swedish participants has been put into the production of HeERO WP deliverables. Some examples are to ensure both clarifications of the specifications, including CEN and ETSI, as well as dealing and detailing the KPIs for HeERO.

During implementation and interoperability tests of the software in PSAP and IVS, we have identified un-clarities and ambiguities and suggestions of improvements have been brought forward to the standardisation bodies, mainly CEN.

In end of September the PSAP software was installed at the test PSAP at SOS Alarm. eCalls with eCall flag set was generated from a remote IVS, handled and routed in Telenor's live network and correctly received and handled at the PSAP. This means that the full functional chain now is in place in one of the two MNOs participating in the HeERO:S pilot.

The continued focus of the Swedish pilot will be on the functional chain between the IVS and the PSAP, with extra attention paid to the aspects of timing, reliability and robustness of the signalling.

1.6.1 Activity during the past quarter

1) *Implementation*

Installation of the eCall-software in the test-PSAP at SOS Alarms facilities, and running some full eCall sets, routed correctly at a live mobile network, using the eCall discriminator.

2) *Operations planning and participation in WP3*

The Swedish WP3 contact person, Leif Ivarsson of Volvo Cars, and Karl Hellwig of Ericsson participated in the WP3 kick-off meeting.

3) *WP4: KPI and evaluation planning*

With the agreement on KPIs it is now possible to move ahead with the production of test tools. Detailing of the KPIs will be needed, but the current level is sufficient to move ahead at this time.

Problems or delays encountered

The technical partners involved in the implementation are still concerned by the fact that both CEN- and 3GPP-standards leave some room for interpretation. The backward compatibility

issue of the CEN protocols (HLA) needs to be solved before further deployment of the pan-European part.

We expect additional issues to be identified during the continued implementation and operations.

1.6.2 Subcontractors activities overview

Subcontractor name	Task(s) to be performed	Progress towards executing the task(s)
TeliaSonera	Pre-pilot testing and pilot installation	Not installed yet.
Telenor	Pre-pilot testing and pilot installation	According to plan
SOS Alarm	Operator training	To be delivered

1.6.3 Work planned for the next quarter

During the coming quarter the test analysis tools will be specified, purchased, produced, and delivered.

The first part of the drive tests are planned for early December, when the test will focus on ensuring that the test tools and the evaluation methodology work. This will verify that the drive test performance analysis will be possible to carry through based on the log files from the IVSs and the PSAP, and the developed test analysis tool.

Dissemination activities are also being carried out to initiate the discussions between the different Swedish stakeholders on the implementation of eCall, thus preparing for the phase after this pre-deployment pilot.

1) National consortia workshops

One workshop is planned for the coming quarter

2) First drive test in one mobile network - December

3) Implementation and testing

Unless unforeseen changes occur, we believe that the implementation in IVS and PSAP is ready. Some more data might need to be logged to understand the test results.

4) Drive test in two mobile networks – preliminary planned for end of first quarter 2012

Anticipated problems and delays

The implementation has been done and the work package deliverables have been delivered according to plan. If any specification changes or if a WPL decides to change deliverable content or deviate the structure compared to the original plan, we have not budgeted for revising our deliverables.

The installation date in the live network of TeliaSonera is yet to be confirmed. This is not an anticipated problem, but until it is installed the uncertainty will remain.

1.6.4 National meetings held

Title	Subject	Date and Place	Participants
Bi-weekly meeting	Coordination meeting	Aug. 11, Aug. 26, Sept. 9, Sept. 23, Telephone	National team.
Workshop	Work shop for national team	Aug 23, 900-1800	National team (=consortia partners, associates and sub-contractors)
WP3 S-meetings	Operations planning	August, September	National team.
Test meetings and workshops		Ad hoc and planned has been held throughout the full quarter, mainly related to WP2 and WP4.	National team, as needed

1.6.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
Work shop for national team	Project coordination and operations planning	October 4	Work shop for national team
Work shop for national team	Project coordination and operations planning	December 6	Work shop for national team
Bi-weekly meeting	Coordination meeting	Concall every other week	National team: consortia partners, associates and sub-contractors

1.6.6 National dissemination and promotional activities

- a) National conferences and/or workshops attended

Partner name	Date	Name and place of event	Contribution & Results
Telematics Valley	Sept. 29	How to build services using telematics and M2M solutions?	The conference was organised by Telematics Valley and hosted by TeliaSonera and Ericsson. All these three organisations are partners and active contributors in the Swedish pilot. Information about the pilot was given to the audience, and the coming availability of the HeERO functionality was thus considered when focusing on telematics solutions.

b) Articles published at national level, press coverage, etc.

1.7 Croatia

1.7.1 Activity during the past quarter

The Croatian eCall Pilot consortium was established and continued working in the third quarter with four meetings. Initial WP3 activity plan of eCall Pilot was presented on the Croatian consortium meeting (27 September 2011).

HeERO WP3 KoM held, with the participation of the representatives of the Croatian eCall Pilot:

- Participation to WP3 KoM (Bucharest, Romania, 13 Sep 2011)
- Contribution to D3.1 template preparation
- Definition of the eCall IVS requirements
- Group 4 examination scenarios (positioning for eCall) under way

HeERO Croatia WP4.1 Report prepared, comprising purpose, scope and architecture of the Croatian eCall Pilot; detailed description of Croatian eCall Pilot examination scenarios; detailed description of Croatian eCall Pilot's KPIs; detailed description of Croatian eCall Pilot's examination methodologies; proposals for data format and methodologies for data analysis.

- Croatian eCall Pilot's response to HeERO WP4.1 Draft Report document prepared, as a contribution to HeERO D4.1
- Contribution to *HeERO D4.1* consolidation (structure of document, common matters, Croatia-specific matters), incl. e-mail discussions, teleconferences and Progress Meeting participation (Hannover, Germany, 29 Sep 2011).
- Co-operation with GSA on positioning performance for eCall examination.
- Co-operation with IVS, MNO and PSAP manufacturers in provisioning the equipment supporting the examination methodologies

Main WP5 activities include three conference papers prepared and submitted for consideration for publication and participated on the 3rd INTERNATIONAL CONFERENCE OF MEDICAL TOURISM AND TRAVEL MEDICINE CROATIA – ZAGREB / 15th – 17th September 2011- www.medicaltourismcro.com

HeERO Croatia D6.1 eCall deployment barriers and enablers preliminary report prepared (first draft)

Pilot management and activities had been aligned with the HeERO through regular conf-calls and e-mail correspondence.

At Ericsson Nikola Tesla testing facilities, the eCall laboratory was established. eCall laboratory consists of fully functional eCall enabled PSAP solution. PSAP solution is enabled for on-site and remote testing. A fully functional mobile network model has been set up, with software release which enables eCall functionality. It consists of core network as well as radio access network and is available for testing eCall service. eCall IVS simulator has been emulated and the whole eCall chain has been tested.

Held:

- 15 teleconferences with European participants in the project under the umbrella of the coordinator ERTICO – ITS Europe
- meetings (WP3KoM – Bucharest, WP6 –Berlin, WP4 – Hanover)
- 1 consortium and 3 short meetings in Zagreb

Main activities and achievements

1) *Organisation of meetings as follows:*

1.1 WP6 progress meeting (28 July 2011) for next topic:

- Discussion about proposal of filled WP6 D6.1 Questionnaire
- AOB
- Conclusions

Conclusion: Next consolidated filled version WP6 D6.1 Questionnaire by 29 July should be uploaded into ProjectPlace or to send to armi.vilkman@vtt.fi and that activate was done.

1.2 WP5 meeting (9 August 2011) for next topic:

- Consolidate contents for next conference
- AOB

1.3 WP3 meeting (WP3 Preparation for WP3 KoM (26 August 2011)

- Consolidate contents for presentation on the WP3 KoM
- AOB

1.4 Croatian 3rd eCall Pilot Consortium quarterly meeting for next topic:

- Introduction
- Activities and achievements during the Q3:
- WP2 Implementation
- WP3 Operation
- WP4 Evaluation
- WP5 Dissemination
- WP6 Deployment Enablers

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- Next steps
- Any Other Business

The meeting was held on 27 September 2011. To conclude the meeting Mr Pavao Britvić presented the following:

- ✓ Achievements in third quarter of 2011
- ✓ All work packages are open
- ✓ WP2 Deliverables & eCall lab
- ✓ WP3 KoM held
- ✓ WP4 Draft D4.1 nears completion
- ✓ WP5 - active participation with planned paper presentation
- ✓ WP6 - D6.1 eCall deployment barriers and enablers preliminary report (First draft)

Q4 goals:

- WP 3 Operation starts
- Methodologies and data analyses procedures to be agreed (WP 4)
- Beginning installation of eCall system at NPRD

to which items no objections were made. All presentations were made and presented in ppt format.

2) Procurement of Croatian eCall pilot equipment (HW and SW)

Equipment needed for both real pilot T&V and eCall Lab had been procured, based on the state-of-the-art analysis. HW and SW has been installed in laboratory conditions.

Procurement of Croatian eCall Pilot equipment (HW and SW), Equipment needed for a County Centre 112 Zagreb is near completion.

3) eCall lab established

At Ericsson Nikola Tesla testing facilities, the eCall laboratory was established. eCall laboratory consists of fully functional eCall enabled PSAP solution. PSAP solution is enabled for on site and remote testing. Fully functional mobile network model has been set up, with software release which enables eCall functionality. It consists of core network as well as radio access network and is available for testing eCall service. eCall IVS simulator has been emulated and whole eCall chain has been tested.

4) Operator training manual

Operators training manual has been prepared as a draft. eCall enabled PSAP documentation is being reviewed and experts are preparing a manual for operators working on PSAP work stations.

5) *WP4 evaluation*

5.1 *HeERO Croatia WP4.1 Report prepared*, comprising purpose, scope and architecture of the Croatian eCall Pilot; detailed description of Croatian eCall Pilot examination scenarios; detailed description of Croatian eCall Pilot's KPIs; detailed description of Croatian eCall Pilot's examination methodologies; proposals for data format and methodologies for data analysis.

5.2 *Croatian eCall Pilot's response to HeERO WP4.1 Draft Report* document prepared, as a contribution to *HeERO D4.1*.

5.3 *Contribution to HeERO D4.1 consolidation* (structure of document, common matters, Croatia-specific matters), incl. e-mail discussions, teleconferences and Progress Meeting participation (Hannover, Germany, 29 Sep 2011).

5.4 *Co-operation with GSA* on positioning performance for eCall examination.

5.5 *Co-operation with IVS, MNO and PSAP manufacturers* in provisioning the equipment supporting the examination methodologies

6) *ERA GLONASS cooperation*

During Q3 ERA-GLONASS cooperation has been continued, test scenarios have been defined and the structure of the test reports has been defined.

7) *Dissemination of the pilot results*

Active participation with paper presentation at the following event:

- 3rd INTERNATIONAL CONFERENCE OF MEDICAL TOURISM AND TRAVEL
MEDICINE CROATIA – ZAGREB / 15th – 17th September 2011 /
www.medicaltourismcro.com

and

- Croatian translation of HeERO web-site
- Conference papers published on HeERO Projectplace

Problems or delays encountered

- 1) Delayed provision of IVSs (the first prototypes to be available not earlier than Q4 2011, commercial products in 2012). Proposed solution: IVS simulators in lab environment, use of prototypes in the first phase of real environment T&V. Impact: may cause further delays in HeERO project execution.
- 2) D2.2 not consolidated, D2.4 not presented, both of them affecting WP4 activities.

- 3) Related standards for data analysis methodology development (ISO 5725) are not available to HeERO participants.

1.7.2 Subcontractors activities overview

No subcontractor activities.

1.7.3 Work planned for the next quarter

1) eCall lab finalisation

Network and PSAP modification implementations in support of eCall, fully operational eCall lab, comprising all three eCall chain components.

2) eCall simulator

Due to unavailability of IVS for testing, eCall simulator will be set up within the eCall laboratory. It will be utilised for PSAP testing and operator training while expecting IVS to be available.

3) eCall test calls within the eCall laboratory

During the next quarter, eCall calls will be set up within eCall laboratory by utilising real IVS units from HeERO partners, IVS units from ERA-GLONASS, various eCall simulators and remote testing. Other parts of the eCall chain are already set up and ready for testing.

4) eCall test calls within the real environment

At the end of Q4 PSAP installation will be performed at the NPRD, MNO patch for eCall will be installed at Tele2 network with national coverage. Operators will be trained to receive calls at PSAP and IVS operators will be trained to initiate eCall from IVS units. After setting up the site and testing and verification, test site will be ready for WP3.

5) Contribution to D3.1 completion and consolidation

- Group 1 examination scenarios (laboratory testing)
- Group 4 examination scenarios (positioning for eCall)
- Collection of the observables, and data consolidation

6) D4.1 submission to EC

- Completion of D4.2
- Data analysis framework development

7) Cooperation with ERA-GLONASS, preparations for remote testing

8) Dissemination of the pilot's results

Presentation of the accepted conference (KoREMA Automation in Transport - Pula, Croatia, Milan, Italy, 15 – 20 November, 2011 and Third Croatian Platform for Risk Management - Zagreb, Croatia, November, 2011) papers

An event will be planned at national level to raise the eCall awareness among the general public.

Anticipated problems and delays

1. Network modification in support of eCall – the process will start with lab testing, and validation in MNOs restricted environment. Real network implementation planned in Q4, due to MNOs time-plan, if all conditions are met (network freeze period, IVS availability)
2. Delays in eCall component provision (especially IVS)
3. Delayed execution caused lack of input information for the task in WP 4.1 Collection of results of the analysis of the complete eCall process chain done in WP2. Available inputs were used in WP 4.1. Existing deliverables will be modified according the WP 2 deliverables that will follow.
4. Related standards for data analysis methodology development (ISO 5725) are not available to HeERO participants.
5. Manufacturers’ inability to produce workable in-band modem eCall IVSs caused lack of the information necessary for establishment of the IVS testing & validation procedures. Those are to be developed after the related data will be available.

1.7.4 National meetings held

Title	Subject	Date and Place	Participants
Management Team concall	WP1 Management WP2 Implementation, WP4 Evaluation,WP5 Dissemination AOB	20 July 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Marijan Rimac (HAK), Pavao Britvić (NPRD)
WP6 concall	Work Plan Deliverable 6.1 Next concall AOB	27 July 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT), Pavao Britvić (NPRD)
WP6 meeting	Consolidate contents WP6 D6.1 - Questionnaire	28 July 2011, NPRD, Nehajska 5, 10000 Zagreb	Robert Gogić, (P.Z. AUTO) Marijan Rimac, (HAC), Renato Filjar and Krešimir Vidović (ETK) Pavao Britvić (NPRD)
Management Team concall	WP1 Management WP2 Implementation, WP4 Evaluation,WP5 Dissemination, WP& Deployment enablers Member States Activities AOB	4 August 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT), Pavao Britvić (NPRD)
WP4 concall	First draft D4.1 Template for national pilots’ inputs KPIs Next concall AOB	9 August 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT), Pavao Britvić (NPRD)

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Management Team concall	WP1 Management WP2 Implementation, WP4 Evaluation, WP5 Dissemination, WP6 Deployment enablers Member States Activities AOB	18 August 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krunoslav Tržec (ENT), Pavao Britvić (NPRD)
WP4 concall	Deliverable D4.1 (second draft) Process for collection and description of the KPIs Process for collection and description of the corresponding methodologies next call / meeting Structure of the document	25 August 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krunoslav Tržec (ENT), Pavao Britvić (NPRD)
WP3 meeting	WP3 Preparation for WP3 KoM	26 August 2011, NPRD, Nehajska 5, 10000 Zagreb	Renato Filjar (ENT), Marijan Rimac (HAK), Pavao Britvić (NPRD)
Meeting	Organization meeting for beginning activities for SOP (Standard Operating Procedure)	31 August 2011, NPRD, Nehajska 5, 10000 Zagreb	Većeslav Bergman (Health Centre of Zagreb county), Marijan Rimac – HAK, Pavao Britvić, Petar Vitas and Marijan Tonec (NPRD)
WP2 concall	D2.1 Deliverable finalization	31 August 2011, ENT, Krapinska 45, 10000 Zagreb	Krešimir Vidović
Management Team concall	WP1 Management WP2 Implementation, WP3 Operation, WP4 Evaluation, WP5 Dissemination, WP6 Deployment enablers Member States Activities Cooperation with ERA GLONASS AOB	1 September 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT), Pavao Britvić (NPRD)
HeERO ERA GLONASS concall	Review of actions list Status of the national implementation in RO, FI, HR Status of the HeERO – ERA GLONASS Documents WG input to the proposed remote testing procedure Work plan and schedule of the first cross-testing phase (remote testing or on-site testing) Readiness in October-November 2011 112 or dedicated landline nb? Status of eCall flag (if 112 is used) Cross-test scope: data transfer, collection and analysis only or PSAPs response as well included Cross-test scenario What IVS will be used?	6 September 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT), Pavao Britvić (NPRD)
WP6 concall	Opening and agenda	7 September 2011, ENT, Krapinska 45,	Krešimir Vidović, ENT,

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	Minutes 27th July Deliverable 6.1 Progress Needs and inputs Further steps Meeting 22th September in Berlin Agenda Material AOB Next concalls AOB	10000 Zagreb	Pavao Britvić, NPRD
National WP3 meeting	Vision of WP3 Operation IVS delivery Examination scenarios	9 September 2011, NPRD, Nehajska 5, 10000 Zagreb	Renato Filjar (ENT), Kresimir Vidovic (ENT), Marijan Rimac (HAK), Pavao Britvić (NPRD)
Kick of Meeting WP 3 – Operation HeERO Project	Welcome note National eCall Pilots' implementation status and operating activities (Romania, Germany, Finland, Czech Republic, Greece, Italy, Croatia, Sweden, the Netherlands) Vision of WP3 Operation Visit to PSAP 112 STS Conclusion and Summary	13 September 2011, Romania/Bucharest	Marijan Rimac (HAK), Renato Filjar (ENT), Pavao Britvić (NPRD)
Management Team concall	WP1 Management WP2 Implementation, WP3 Operation, WP4 Evaluation, WP5 Dissemination, WP6 Deployment enablers Member States Activities Cooperation with ERA GLONASS AOB	15 September, 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT), Pavao Britvić (NPRD)
WP2 concall - Renault	Croatian HeERO pilot IVS requirement	15 September, 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT)
WP4 concall	Procedure for following conf calls Second draft version for the deliverable D4.1 of work package 4.1 Definition of the KPIs Current description of the corresponding methodologies Introduction to evaluation methods	16 September 2011, ENT, Krapinska 45, 10000 Zagreb	Renato Filjar (ENT), Krešimir Vidović (ENT),
WP6 meeting	State-of-the-art of WP6 Deliverable 6.1 General discussion D6.1 in detail List of content Partners inputs Questionnaire Research results and experiences Draft and finalization Concalls Further steps in WP6, monitoring progress and cooperation with other WPs AOB	22 September 2011, Berlin, Germany	Renato Filjar (ENT), Pavao Britvić (NPRD)
Consortium meeting	Introduction and Activities	27 September 2011, NPRD, Nehajska 5, 10000 Zagreb	Predrag Sipaničić (Ministry of the Interior), Krešimir Boban

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	<p>achievements during the Q2: WP2 Implementation WP4 Evaluation WP5 Dissemination WP6 Deployment Enablers Next steps Any Other Business</p>		<p>(Ministry of Sea, Transport and Infrastructure), Jukić Zdravko (Croatian Post and Electronic Communications Agency), Vladimir Erjavec (Croatian Motorways), Marijan Rimac (Hrvatski Autoklub), Predrag Brlek (Institute of Transport and Communications) Preet Khalsa and Keith Mortimer (SKY-METER), Hrvoje Strepački, Renato Filjar and Krešimir Vidović, (Ericsson Nikola Tesla d.d.) Pavao Britvić, Milan Erjavec, Miroslav Pavić and Marijan Tonec (National Protection and Rescue Directorate)</p>
Management Team concall	<p>WP1 Management WP2 Implementation, WP3 Operation, WP4 Evaluation, WP5 Dissemination, WP6 Deployment enablers Member States Activities AOB</p>	<p>28 September, 2011, ENT, Krapinska 45, 10000 Zagreb</p>	<p>Krešimir Vidović (ENT),</p>
WP4 meeting	<p>Discussion about KPIs and their definitions Objective: agreed definition for all KPIs Discussion about test methodologies and their definition Objective: agreed definition of test methodologies Discussion about evaluation of test results Objective: agreed evaluation procedures of results and agreed template for data collection Conclusion and next steps</p>	<p>29 September 2011, Hanover, Germany</p>	<p>Renato Filjar (ENT), Pavao Britvić (NPRD)</p>

1.7.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
Meeting for SOP	- activities for development two Standard Operating Procedure (SOP)	October 2011, NPRD, Nehajska 5, 10000 Zagreb	First draft for two (SOP in case of highway accident and, SOP in case of other road accidents) SOPs
Meeting for SOP	- activities for development third Standard Operating Procedure (SOP)	November 2011, NPRD, Nehajska 5, 10000 Zagreb	SOP in case of tunnel accident
Meeting for SOP	- consolidating SOPs	December 2011, NPRD, Nehajska 5, 10000 Zagreb	Final version
WP concals	- WP teleconference	on a bi-weekly basis	Conducting examination scenarios, data collection and consolidation

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Consortium meeting	<ul style="list-style-type: none"> - Welcome and introduction - Achievements in WPs 4rd quarterly - Work plan for 1st quarterly in 2012 - Any Other Business 	December 2011, NPRD, Nehajska 5, 10000 Zagreb	<p>Introduction consortium with achievements in WP</p> <p>Acceptance work plan for 1st quarterly in 2012</p>
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1.7.6 National dissemination and promotional activities

a) National conferences and/or workshops attended

Partner name	Date	Name and place of event	Contribution & Results
NPRD, ETK	Croatia, November 2011	Third Croatian National Platform for Disaster Risk Reduction, (Zagreb, Croatia)	conference paper preparation
ETK, HAK, NPRD	Croatia, 15 – 20 November 2011	KoREMA Automation in Transportation, (Pula, Croatia, Milan, Italy)	conference paper preparation

b) Articles published at national level, press coverage, etc.

1.8 Greece

1.8.1 Activity during the past quarter

Main achievements

WP2

The tender for technical consultancy has been completed and the Institute of Communication and Computer Systems has been selected.

The technical specifications of the hardware and software equipment required by the in-vehicle system and the PSAP will be defined, taking as basis the Standards documents and the required systems functionalities. Contribution to D2.1 has been made.

Meetings with the General Secretariat of Civil Protection, the Hellenic Telecommunications Organization and the Greek MNOs are being arranged, to define the interoperability of the eCall PSAP with the existing 112 infrastructure and the possibility to implement the support of eCall flag for the pilot project.

Contacts with market providers of relevant technical solutions are being performed.

Preparation of Greek input for D2.3 and D2.4.

Participation in the workshop: "Functional specification of eCall system within HeERO project" (Prague 26/7/2011).

WP3

Participation in the kick of meeting of WP3 (Bucharest 13/9/2011).

WP4

Definition of KPIs and test scenarios for the Greek pilot. Participation in the WP4 meeting in Hannover (29-09-2011). Contribution to D4.1.

WP6

Conduct of survey of Greek stakeholders and completion of questionnaire.

Participation in the WP6 meeting and the eCall days in Berlin (September, 2011).

Problems or delays encountered

As already mentioned, the administrative procedures for issuing a public procurement are very time consuming, therefore the procedure has already started. Considering the current situation, it is envisaged that the procedure will be finalised and the required hardware and software will have been installed by July 2012.

1.8.2 Subcontractors activities overview

Subcontractor name	Task(s) to be performed	Progress towards executing the task(s)
Institute of Communication and Computer Systems	Technical Consultant for the specification of the hardware and software and for the pilot overview	The tender has finished.

1.8.3 Work planned for the next quarter

It is expected to officially issue the tender for acquiring the software and hardware within 2012.

The Greek architecture for the pilot site will be finalised.

Anticipated problems and delays

The duration of the public procurement for the hardware and software equipment is time consuming; hence we currently aim in the reduction of as many steps as possible.

1.8.4 National meetings held

Title	Subject	Date and Place	Participants
Meeting with the Greek stakeholders	Analyze and record operational procedure for handling eCall	Athens, July 12 th 2011	Emergency Response Teams

1.8.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
Meeting with the Greek stakeholders involved	Analyse requirements and plan further steps	Athens, October 3	Analyse requirements and plan further steps for the project
Meeting with the Hellenic Telecommunications Organization (OTE S.A.)	Analyse existing PSAP infrastructure and interfacing capabilities	Athens, October 7 2011	Explore the potential to interface with existing PSAP infrastructure in order to support eCalls
Meeting with the Greek PSAP responsible (ie. General Secretariat of Civil Protection)	Analyse existing infrastructure and functionalities	Athens, October 2011	Organizational arrangements for supporting eCall

Meeting with the Greek MNOs	Support of eCall flag to meet deadline of December 2014	Athens, November 15 th 2011	Analyse MNO's ability to support eCall flag for the pilot project
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1.8.6 National dissemination and promotional activities

a) National conferences and/or workshops attended

Partner name	Date	Name and place of event	Contribution & Results
National Workshop on eCall	October 25 th 2011	INFOCOM, Athens	Presentation of HeERO

b) Articles published at national level, press coverage, etc.

None

1.9 The Netherlands

1.9.1 Activity during the past quarter

1) Realising eCall Implementation

The contractor has started the formal work on the PSAP implementation. The MNO has implemented eCall in a testbed. The IVS definition is ready and waits for clarification on standards and from possible suppliers. At RWS, formal procedures have been all successfully cleared. Deliverables for the various work packages have been delivered.

2) Dangerous Goods

In close cooperation with CEN, a technical document has been delivered to the EeIP. This was developed with input from the United Nations Economic Commission for Europe (UNECE) Working Party 15 on the Transport of Dangerous Goods in a Geneva meeting as reported by the convenor at the EeIP. This is now available for testing within the HeERO project. Several partners have expressed their interest in using this. In the NL pilot transport companies are already involved in the pilot.

HeERO has been presented at CEN and UNECE meetings.

3) Full use of eCall information in the emergency chain

In depth discussions between 112 (PSAP1), Safety Region (PSAP2) and Rijkswaterstaat on eCall implementation issues have been continued. In these discussions all aspects of the HeERO project were discussed.

4) Cooperation with MNO's

One of the three Dutch telecom providers is involved in the project. Another one is waiting because of a legal obligation.

Problems or delays encountered

Definition of the IVS and tracking down suppliers turned out to be more difficult than originally expected.

1.9.2 Subcontractors activities overview

Subcontractor name	Task(s) to be performed	Progress towards executing the task(s)
KPN Newtel	Writing functional design	Completed
KPN Newtel	Implementation the functional design	Started

1.9.3 Work planned for the next quarter

Contribution to workpackages

Delivering the input and other contribution to the various work packages as requested by the work package leaders.

2) Implementation

Implementation has started and is planned to be ready in 1 March 2012.

Anticipated problems and delays

The realisation is delayed with two months into the next year.

3) Test fleet and test systems

Getting standards and suppliers turned out to be a problem, which will require further actions.

Anticipated problems and delays

The IVS are expected to be delivered in January or February 2012.

4) Contracting

Contracting has started.

1.9.4 National meetings held

Title	Subject	Date and Place	Participants
Project team meeting	Project management, progress in each work packages, costs, workload, relevant developments outside the project. (executing the project)	Every two weeks from 05/04/2011	KLPD, RWS, KPN Newtel, other participants as needed like RDW and VRR (Safety Region Rotterdam-Rijnmond)
Tactical meeting	Progress, any problems, choices, developments in- and outside project, available resources (directing the project).	Every 8 weeks partly combined with the project team meeting	KLPD, RWS, KPN Newtel, VRR, RDW, VCNL, IVW, VTSPN
Telecom tactical and working group meetings	Explaining eCall project, answering technical questions, exchanging views and positions	Every 6-8 weeks	Vodafone, T-Mobile, KPN, Ministry of the Interior (Min. VenJ), KLPD, RWS, VTSPN

1.9.5 National meetings planned for the future

Title	Subject	Date and Place	Objectives
Project team meeting	Project management, progress in each workpackages, costs, workload,	Every two weeks from 16/08/2011	KLPD, RWS, KPN Newtel, other participants

	relevant developments outside the project (executing the project)		as needed
Tactical meeting	Progress, any problems, choices, developments in- and outside project, available resources (directing the project)	Every 6 weeks	KLPD, RWS, KPN Newtel, VRR, RDW, VCNL, IVW, VTSPN
Steering Committee	Approval of progress reports, proposed changes, in quality, time of budget (top level only for exceptional situations)	Only at major moments and problems (2x per year)	Representatives of the Ministries of Transport and Interior.
Advisory committee	Guiding the project to guarantee that the outcome will fit into the existing organisation	Postponed to 2012	Representatives of the emergency services on national and regional level.
Stakeholder meeting	Explaining the HeERO project to stakeholders, set the right expectations and explain if, where and how they can participate.	Postponed to 2012	automotive-, insurance- and lease companies, roadside help, other road operators, truck companies, leading people from emergency services on national and regional level.

1.9.6 National dissemination and promotional activities

a) National conferences and/or workshops attended

None, as a more individual approach was chosen, in order to have in-depths talks with a limited number of stakeholders at a time.

b) Articles published at national level, press coverage, etc.

None