Safe and Efficient Electrical Vehicle

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Deliverable D12

Dissemination of first results

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Revision chart

Version	Date	Reason
0.1	24.10.2010	Basis document
0.2	11.11.2010	First version
0.3	27.11.2010	Word template
0.4	05.12.2010	Integration of WIVW remarks
1.0	11.01.2011	Integration of Mr. CODREA's comments Final submission version (D11)
1.1	15.02.2012	Update of the document
2.0	05.04.2012	Final submission version (D12)

Executive Summary

The aim of this document is to present the decisions that have been taken during the first three months of the eFuture project to disseminate innovations carried out in the remains of the project.

The deliverable is a second version, as each year it will be updated to summarize dissemination realized in the frame of the project.

The dissemination activities were separated under two aspects: scientific dissemination and non-scientific dissemination. The first task is done by the IFSTTAR partners and the Core Group, the second task is mainly handled by a subcontractor.

Table of Content

1 Introduction

The aim of this document is to present the dissemination activities within the eFuture project. The dissemination process was agreed during the Kick off meeting held on 20-21/09/2012 in Coventry, GB. This meeting was also the place where several logos, claims and backgrounds were presented. During the first three months, and after discussions with the partners and with the core group, the identity of the project was decided.

Dissemination is separated under two activities:

» Scientific dissemination: conference articles, journal paper and others kinds of presentation showing scientific activity of the project.

» Non Scientific dissemination: to present the aims of the project to the public, or authorities.

The aim of the dissemination activity is to present the eFuture project with a high level of quality.

This deliverable is the second version; it will be updated during the project to summarize dissemination activities of the partners.

In the first version, the IFSTTAR partner was in the project under the INRETS name. In this version, only IFSTTAR name appears in the text.

2 Non Scientific Dissemination

In order to handle the non-scientific dissemination, a public call was done with the following criteria. The public call was mandatory given the rough estimation of the cost. According to French laws, the publicity was made on the IFSTTAR web site. Competitors are evaluated using the following criteria, the weighting factors are given in the parenthesis:

» Conformity with the demand (40%)

» Price (30%)

» Previous experience in dissemination in EU projects (20%)

» International technical assistance (10%)

IFSTTAR received two proposals, according to the amount, Verdure Medienteam was selected.

Verdure Medienteam is a German company settled in Ludwigsburg, Germany. They handle the artistic task and all interactive media from the design to the final realisation. Ronald Hajdo, who is the director, will be the main contact. Their previous experiences cover several innovative EU project as SPARC and HAVEit.

During the Kick off meeting, several proposals for the logo, claim and background were presented.

2.1 Logo

Five logos were presented during the Kick off meeting (see Figure 1). First remark was on the capitalized F who was missing. Moreover, a variation of proposal (1) was asked to include an 'electric plug' in the 'e'. Finally, other proposals (2 to 5) were not retained.

| (1) | (2) | (3) | (4) | (5) |

Figure 1 Logo proposals

The second proposal (see Figure 2) was then proposed. Partners make the remarks that proposals (4) and (5) may be too close from existing commercial logos.

| (1) | (2) | (3) | (4) | (5) |

Figure 2 Logo variations based on first proposal

After an internal poll, proposals (1) and (2) get the most voices. Finally it was decided during the Steering Committee (SC) Meeting 1 to retain the first version.

Figure 3 eFuture final logo

2.2 Claims

As for the logo, several claims were presented during the Kick Off Meeting:

» shifting the limits

» eco-logic driving

» efficient mobility

» powering mobility

» e-fficiency of driving

» sustained electric driving

» economic driving systems

» electric driving solved

However, the consensus was faster. The third claim was directly selected by partners.

The claim for the eFuture project is then: *"efficient mobility"*.

2.3 Document templates, leaflets and posters

During the Kick off, and after a review in the SC meeting 1, the background for the PowerPoint document was agreed (seeFigure 4). This dissemination document uses the proposed word template.

Figure 4eFuture first slide of a PowerPoint presentation

However, it was also decided to focus on the website before delivering other documents.

2.4 Website

The Website will be used to display innovation realized in the frame of the eFuture project. The address is: http://www.efuture-eu.org. It will be available in the beginning of December, including a first presentation of the project, of the expected results and of the work packages. Future public results will be included periodically.

2.4.1 Website Architecture

The website will show the following architecture:

» Main frame

- » About
  - o Project summary
  - o Project objectives
  - o Expected results
- » Sub-Projects
  - o WP200 : Specification
  - o WP300 : Integration
  - o WP400 : Execution Layer
  - o WP500 : Platform
  - o WP600 : Command Layer
- » Partners and key staff
  - o Intedis
  - o Hella
  - o TMETC
  - o Miljobil
  - o IFSTTAR
  - o WIVW
- » Public Documents
- » Deliverables
  - o Publications
  - o Presentation
- » Media
- » Link
- » EC
- » Other projects

For the first version of the website, most of the texts come from the eFuture technical annex, with minor corrections from each partners.

2.4.2 Website layout

A first layout has been realized by Verdure. This is an artistic view which is not the final one. The content is actually added, as final logo, and text from partners.

Figure 5 Website layout, as a proposal from Verdure

2.4.3 Website update

After the first review of the project at the European Commission, two problems were highlighted by the reviewers on the public dissemination:

- The website does not allow the access to the documentation of the project.

- The website does not bring enough technical result to the public.

On the first point, we accelerate the publication of the full content of the public deliverables, and of the executive summary of the other deliverables. However, the classification of each deliverables was agreed at the beginning of the project, and the number of public deliverables is limited.

For the second point, we publish the scientific articles, according with the conference or journal intellectual property, on the website. We also agree on a general update of the different pages and the increase of the presentation depth. The new version of the website will be release during March 2012.

3 Scientific dissemination

Scientific dissemination aims at providing research realized in the frame of the project towards other researchers or academics.

3.1 Public document

During the Kick off meeting, several restrictions were set on deliverables, some of them should be public, others deliverables will have levels of dissemination ranging from restricted to confidential.

It was agreed that all executive summaries of deliverables will be made public and displayed on the website.

3.2 Publication process

All publications in scientific conferences and journals concerning works realized in the frame of the project must be authorized. The process was commonly agreed during the Kick off meeting:

- Day 0: the publication must be made available for the dissemination responsible (sebastien.glaser@ifsttar.fr, with copy to Volker.scheuch@intedis.com and/or Frederic.holzmann@intedis.com).

- Day 8: The dissemination responsible sends a notice to the core group, the core group has one week to give a decision

- Day 15: The core group gives the authorization, or not, to publish the article, and possible recommendations

If no answers are given within two weeks, the publication is supposed to be ok.

It is the responsibility of each author to provide a tracking of their publication (accepted or not, exact bibliography reference…).

During the first review, the process was recognized as too long, given the size of the project, and is not dynamic enough for short term call. The aims of this process are to allow a good scientific level of the outputs of the project, to share the possibility of publications between the actors and to control the intellectual property.

3.3 Call for paper

A table that addresses most common scientific conferences and specific calls for papers is made available in Projectplace©. It is maintained by IFSTTAR and all partners may provide interesting inputs.

Title	Place	Date	Deadline submission	Deadline Final	URL
IEEE IV 2011 Intelligent Vehicle Symposium	Baden Baden Germany	5-9/06/2011	15/01/2011	01/01/2011	http://www.mrt.uni-karlsruhe.de/iv2011/
IFAC WC 2011 World Congress 2011	Milan Italia	28/08/2011 to 2/09/2011	30/09/2010	31/03/2011	http://www.ifac2011.org/
IAVSD 2011 Int. Symp. On Vehicle System Dynamics	Manchester United Kingdom	14-19/08/2011	04/11/2010	27/07/2011	http://www.iavsd2011.org/
ITS WC 2011 Intel. Transp. System World Conference	Orlando, Florida United States	16-20/10/2011	14/01/2011	15/08/2011	http://www.itsa.org/worldcongress.html
FAST-zero 2011 Future Active Safety System	Tokyo Japan	5-9/09/2011	15/10/2010	01/05/2011	http://www.fast-zero11.info/index.html
IEEE CDC - ECC 2011 Conference on Decision andControl	Orlando, Florida United States	12-15/12/2011	15/01/2011	01/08/2011	http://control.disp.uniroma2.it/cdcecc2011/
IROS 2011 Int. Conf. On Intelligent Robot and Systems	San Francisco, Cal. United States	25-30/09/2011	01/02/2011	01/06/2011	http://cs.stanford.edu/group/iros2011/

Figure 6 Proposed conferences for dissemination

3.4 Journal papers

eFuture aims to achieve several research objectives. Scientific journals, even if they have a long review process, are a good way to disseminate our activities among researchers. Depending on the main topic, we can publish our work in:

- Vehicle System Dynamic, for work on vehicle handling,

- IEEE Transaction on Vehicular Technology, Intelligent Transportation System or Mechatronics, to address applied research

- …

Previously presented list will include special issue.

3.5 Dissemination activities

DISSEMINATION ACTIVITIES					
Type	Date	Partner	Conference / Journal	Place	Title
Conference talk	1.10.2010	MIL	Batteries 2010	Cannes, F	"The development of the batterypack for the Tata Indica Vista EV.Lessons learned and knowledgegained during the developmentand testing phase" (eFuture has been mentioned)
Conference talk	28.1.2011	MIL	AABC	Pasadena, CA/USA	Brief introduction of the Miljøbil Grenlands Battery Pack Technology used in the Tata Indica Vista EV (eFuture has been acknowledged)
Paper accepted as poster	31.1.2011	INT	IEEE Intelligent Vehicle 2011, June 2011	Baden-Baden, Germany	Torque Vectoring with a feedback and feed forward controller - applied to a through the road hybrid electric vehicle
Paper not accepted	31.1.2011	INT	IEEE Intelligent Vehicle 2011, June 2011	Baden-Baden, Germany	eFuture – General project overview

Type	Date	Partner	Conference / Journal	Place	Title
Presentation	1.6.2011	INT	Third Workshop on Research for the fully electric vehicle	Bruxelles, Belgium	eFuture – General project overview
Presentation	30.6.2011	INT	Joint EC / EPoSS / ERTRAC Expert Workshop 2011	Berlin, Germany	eFuture – General project overview
Article	15.12.2011	INT	ATZ Elektronik	Germany	E/E architecture for electric vehicle
Paper not accepted	17.01.2012	IFSTTAR	TRA 2012	Greece	Safety of a torque vectoring LKAS on an in-wheel motor electric vehicle
Conference talk	02.04.2012	WIVW	TEAP 2012	Mannheim, Germany	Drivers' acceptance of limiting vehicle dynamics in electric vehicles
Conference talk	02.04.2012	WIVW	TEAP 2012	Mannheim, Germany	The impact of a combined pedal solution on efficient electric driving and drivers' acceptance: A driving simulator study
Paper accepted	15.06.2012	WIVW	HUMANIST Conference 2012	Valencia, Spain	Drivers' acceptance of different pedal solutions for supporting efficient driving with electric vehicles
Paper accepted	29.08.2012	WIVW	ICTTP 2012	Groningen, The Netherlands	Drivers' acceptanceof limiting vehicledynamics ofelectric vehicles

4 Conclusion

The dissemination deliverable is a living document. It will be updated during the whole project duration with new available documents (leaflet and their updates or posters) and list of publications. Moreover, all quarterly activity reports will be provided with an update of all dissemination activities done during the period covered by the report.