



The ASSESS project has been made possible by a financial contribution by the European Commission under Framework Programme .

1 October 2010

ASSESS Workshop

Assessment of Integrated Vehicle Safety Systems for improved vehicle safety

Workshop on Testing and Assessment Procedures for Integrated Vehicle Safety



The ASSESS project organises a mid-term workshop to present it's research findings and discuss future activities with projects that are working on test and assessment procedures for future vehicle safety systems. This one day workshop will be held on **October 1st** at the IDIADA premises in L'Albonar, near Barcelona (Spain).

Integrated vehicle safety systems that combine elements from primary and secondary safety have a high potential to improve vehicle safety due to their ability to detect and anticipate on upcoming crash events. The value of systems like pre-crash systems was clearly shown previous and running FP projects like TRACE and APROSYS. While testing and rating of passive vehicle safety are based on well established methods, no such are available for these new vehicle safety systems. Thus it is difficult to assess their performance for industry, regulatory bodies and consumer testing organisations. As a consequence the end customer cannot judge about active safety of different vehicles based on easy-to-understand ratings as they are offered by different NCAP programmes. This leads to a relatively low awareness of active safety systems and can hinder a higher market penetration.

The main objective of the ASSESS project are to develop test and assessment procedures as well as related tools for frontal pre crash sensing systems. Procedures are being developed for driver behaviour evaluation, pre crash system performance evaluation, crash performance evaluation as well as socio economic assessment. See <http://www.assess-project.eu/>

Facts and figures

Total Budget 5.4 M€
EC Funding 3.6M€
Duration 42 Months
DG Research
Coordinator Paul Lemmen,
FTSS Europe
Start date 1st July 2009
Website:
www.assess-project.eu



"Governments as well as marketing departments need a thorough assessment of the safety impact of new technology"

09:00 Welcome/Introduction to the IDIADA premises

- Opening Workshop board by FTSS (Paul Lemmen)
- Introduction/welcome by IDIADA
- Role Call workshop participants, only name and company

09.30 Overview ASSESS project

- General overview of ASSESS project by Paul Lemmen (FTSS)
- Goals
- Other Projects World-Wide
- Proposed assessment schedule (methodology)
- Beyond NCAP
- Missing parts (e.g. FOT)

10:30 Coffee

11:00 Results ASSESS project 1st year

- **Scenarios (background on AA, FOT data, ..., Test track SoA possibilities)** (WP1 / WP4)
- **Cost Benefit analysis** (WP2)
- Driver behavioral aspects: **agreed approach for assessment in two aspects**
 - Performance (influence on driver behavior)
 - negative side effects on falls alarms; outlook on experimental design (how to test on track) (WP3 + WP1 FOT results)
- Pre crash evaluation: test program, prototype target, **DAI & Toy car tests, Diversity of labs**, Comparison with approaches other projects (CAMP-CIB), Lab updates
- Crash evaluation: **Scenarios (transfer WP4 / WP5), draft methodology & criteria (sled, fs, simu)**
- **Integrated Assessment Criteria** (WP1 M13)
- Movie of demonstration and test target available

13:00 Lunch

14:00 Overview of and Interaction with other initiatives

- General overview (Christian Mayer, Daimler)
- vFSS
- EuCar
- eValue
- EuroNCAP
- CAMP OEM perspective
- NHTSA
- FP7 road safety projects, THORAX, FIMCAR, etc...
- AEB

16:00 Final discussion and setting actions

16:30 Closure

Reply card

Company :

Last name :

First name :

Email address :

Applus⁺
IDIADA

Please tick what is appropriate Workshop - Friday 1st October 2010

- Yes, I will participate to the ASSESS Workshop
 Yes, I will join lunch
 No, I will not join lunch

Any other remarks/wishes (diet / vegetarian):

Please return this form before 1st September 2010 Jacqueline Heintz (j.heintz@uniresearch.nl)
 or by fax +31 15 275 4005.

IMPORTANT: the last page needs to be signed and presented to IDIADA at the reception!

Travel information

Distance from Barcelona Airport to IDIADA is approx. 80 km.

2 km **from the airport** exit, take the C-32 Motorway direction Tarragona/Sitges. At the end of this Motorway take the AP-7 Motorway direction Lleida/Barcelona and then the AP-2 Motorway direction Lleida/Zaragoza. To reach IDIADA leave at exit 12 (La Bisbal del Penedès / l'Albarnar).



Restrictions

No cameras or other material to take pictures/movies, telephones with camera options can be brought to IDIADA.

Applus⁺
IDIADA

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COMMITMENT TO SECRECY which is undertaken by the visitor named below

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ID/Passport No.: _____

Company: _____

I declare that I have been warned of the confidential nature of the activities that are carried out at Applus+ IDIADA and promise that:

- a) the purpose of my visits to Applus+ IDIADA's complex shall never be industrial or commercial espionage;
- b) I shall hold in the strictest confidence all technical, commercial or any other information to which I could have access and which does not correspond to the declared purpose of my visits;
- c) I shall not bring into the complex, nor use within it, any image recording systems, such as cameras, video cameras, camera phones, etc., without Applus+ IDIADA's written authorisation;
- d) I shall only enter those areas of the complex which are necessary for the declared purpose of my visits, and
- e) I shall show the contents of bags, boxes, suitcases or anything that could hold other objects, whenever asked to do so by the security personnel, and in particular at the entrance and exit of the complex.

I declare that I understand the meaning of this commitment to secrecy and the obligations that I undertake, and I am aware of the serious harm I could cause Applus+ IDIADA and its clients if I do not fulfil this commitment. I recognise that I have been warned that any such non-fulfilment will be notified to my superiors and give rise to legal action being taken.

A copy of this document and a summary of actions to be taken in case of emergency are handed over to me.

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Signature: _____

Santa Oliva, Tarragona: _____
day month year

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The ASSESS project is closely working together with:

CAMP - ARS, USA

CAMP - CIB, USA

vFSS, Germany

And will use results from EC projects like:

APROSYS

www.aprosys.com

eValue

www.evalue.eu

This project is supported by:

EURONCAP

www.euroncap.com

EUCAR

www.eucar.com

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