



Study on the inclusion of eCall in the periodic roadworthiness testing of motor vehicles



Service Contract: MOVE/C2/SER/2017-282-SI2.772101

Workshop – Brussels, June 8th 2018

Agenda

- 1. Presentation of the project**
- 2. Fundamentals of the eCall system**
- 3. Data collection**
- 4. Definition of scenarios**
- 5. Cost and benefit analysis**
- 6. Debate**

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Background

Directive 2014/45/EU

The Commission received delegated powers which allows to adapt Annex I point 3 of the Directive following a positive assessment of the costs and benefits involve, in respect of the list of test items, methods, reasons for failure and assessment of deficiencies in the event of a modification of mandatory requirements relevant for type-approval in Union safety and environmental legislation



Regulation (EU) 2015/758

Introducing eCall into the type-approval legislation by making it mandatory for all new types of vehicles of categories M1 and N1



Targets of the study

The aim of the study is to inform a Commission's decision on the inclusion of the eCall system under the scope of the EU periodic technical inspection regime

The objective of this study is to gather factual information, detailed technical analysis and policy recommendation based on quantified arguments of the possible scenarios for the periodical inspection of eCall fitted to vehicles of categories M1 and N1

The scenario





Project partners



CITA, The International Motor Vehicle Inspection Committee, is the non-profit worldwide association of public and private organizations dealing with road vehicles' continuous compliance. Our more than 130 members come from 55 countries from Africa, America, Asia, Europe and Oceania.

www.citainsp.org



FSD Fahrzeugsystemdaten GmbH – Central Agency for PTI was founded in 2004 by the German vehicle inspection organizations as a non-profit entity. It plays the role of “Zentrale Stelle” (EN: Central Agency for PTI) according to the German Road Traffic Legislation. It is mandatory for all German PTI inspectors to use the PTI specifications and test methods coming from FSD

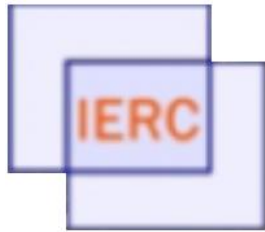
FSD is entrusted by Federal Ministry of Transport and Digital Infrastructure for further development of PTI to test electronic controlled safety functions (e.g. emergency braking function) as an essential task to maintain the level of traffic safety. FSD works together with OEM’s, vehicle inspection organizations, automotive industries and universities



The Belgian Road Safety Institute (www.ibsr.be), whose business name is VIAS Institute, is an official non-profit organisation, close to the Federal Public Service “Mobility and Transport”

The Institute's general aim is to improve road safety by means of information and education and of study and research. Our mission is to advice and support, to represent, co-ordinate and carry out the authority assignments in road safety matters.

Project subcontractor



The IERC GmbH was founded in 2003 as a private research institute of Prof Dr Wolfgang H. Schulz. Since then, the focus of research activities has been set on the fields of transport economics, traffic planning and consulting with special attention on electric mobility and intelligent transport systems.



Structure of the project

WP 1 – Project management and quality control

WP 2 – Data collection

WP 3 – Definition of scenarios

WP 4 – Cost and benefit analysis

WP 5 – Formulation of policy recommendations