

Transport Safety Lunches

" In Car Speed Control- The answer to killing speed?"

Chairperson: E. Hedkvist Petersen (MEP)

Panelists: B. Radia (DG TREN European Commission), O. Carsten (University of Leeds), E. de Kievit (Ministry of Transport and Public Works, Netherlands), R. Cuypers (FIA Foundation), V. Blervaque (ERTICO Speed Alert)

Welcome by: Professor M. Bandmann, President, German Road Safety Council (DVR)

Compliance with speed limits across Europe is poor, speed limits are often exceeded. Indeed excess or inappropriate speed is involved in around one third of accidents resulting in vehicle occupant fatalities. Yet cars could be designed in such a way that drivers would slow their speed and only drive within the legal speed limit at a safe speed.

Specifically, the use of in-car speed control systems, Intelligent Speed Adaptation (ISA), could work to slow speed on European roads and save lives. ISA is an Intelligent Transport System (ITS) in which the driver is warned, or prevented from exceeding the speed limit. Information regarding the speed limit for a location is given by the Global Positioning System (GPS) in the vehicle. There are two types of system – informative and supportive. An informative system can e.g. give the driver feedback in form of a visual or an audio signal and a supportive system works in form of increasing the upward pressure on the pedal without given warning.

ISA with supportive feedback system has an even larger potential to reduce injury accidents by 36 percent and fatal accidents by 59 percent. The public readily admits to speeding and contrary to speculation, different trials across Europe have shown that approximately 60 – 75 percent of users would accept ISA in their own cars. Technological advances are also being made: industry has reached a stage where most of the basic technology used in ISA systems is available. An increasing number of cars are fitted with GPS-based navigation systems, either as part of their original fitting or as an aftermarket device. Manual Speed limiters are supplied as voluntary add-ons in many new car models.

Wide-scale installation of ISA could be achieved by:

- Realizing the life-saving potential of linking the vehicle to the road infrastructure.
- Initiating type approval legislation for ISA systems to ensure high and uniform standards in Europe and ensuring that all cars *can* be equipped with ISA systems.
- Promoting the use of ISA in commercial transport by stimulating the exchange of best practice.
- Setting up public-private partnerships to ensure cost-efficient and quality-certified collection and maintenance of speed limit data.
- Develop programmes for the rehabilitation of high-risk drivers including the use of mandatory ISA, along the lines of existing alcohol interlock programmes.

Participants will also be able to take part in a demonstration of a car used in the Ghent ISA project at 15.00. The car is fitted with an active accelerator pedal (supportive ISA). The demonstration will be given by two researchers: Johan De Mol and Sven Vlassenroot, Ghent University. In cooperation with Tele-atlas a first map of Brussels has been created to be used by politicians in a new ISA-project.



ETSC's Transport Safety Lunches are the site for openly debating promising and successful European approaches to prevent both accidents and injuries in transportation. They bring together decision makers from the transport sector in Brussels, thus establishing a platform to exchange information and views for all those interested in transport safety.

Following a buffet lunch the experts provide the audience with an insight into innovative transport safety work in the particular country. By addressing the most pressing problems they are paving the way for sharing knowledge and experience of how to best reduce transport-related accidents and injuries. The debates will explore possibilities of how key actors can develop the political and organisational leadership that it takes to implement effective safety schemes.

The Lunches provide good opportunities for both public authorities from all EU countries and private companies from all transport sectors to present their technical and organisational measures for the improvement of safety and security within the different modes of transport.

Professor Herman De Croo MP ; Speaker, Belgian Chamber of Representatives

ETSC's Transport Safety Lunch

On 31 August 2005 from 12:45 – 15:00

" In Car Speed Control- The answer to killing speed?"

At " Autoworld" , Parc Cinquanteaire

Free of charge

For registration: Ms. Graziella Jost, trainee@etsc.be

Please e-mail or fax the following information:

Name: _____

Organisation: _____

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Interest in ISA Demonstration at 15.00: Yes / No

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