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IN-SAFETY

Infrastructure and Safety

Project details	
Domain	Road and Tunnel Infrastructure
Duration	from 01/01/2005 until 31/12/2007
Website	http://www.insafety-eu.org/
Other sources	 Proposal on unified pictograms and typefaces for VMS in the TERN (2,32 MB)  Best practice guide on road signing (1,21 MB)  Implementation scenarios regarding forgiving and self-explaining roads (2,65 MB)  Policy Recommendations (294 KB)

Road safety engineering measures may sensibly reduce casualties. However, the rather high cost of traditional infrastructure construction/adaptations is a prohibiting factor. The combination of new technologies with existing infrastructure may lead to much more cost-efficient solutions.

IN-SAFETY project aims to use intelligent, intuitive and cost-efficient combinations of new technologies and traditional infrastructure best practice applications, in order to enhance the forgiving and self-explanatory nature of roads, by:

- Building consensus on priorities for regulation and standardisation processes and assessing the potential and cost-effectiveness of combined use of new technologies.
- Developing and testing new simulation models and risk analysis tools, to estimate the safety of road environments.
- Developing training tools and curricula for road and tunnel operators, focusing on the use of new technologies.
- Harmonising/optimising vertical and horizontal signing and personalising their information to the specific needs and wants of each user.
- Issuing priority implementation scenarios, guidelines for further research and policy recommendations for cost-efficient road environment development, road safety assessment and inspection, including new technological elements.

Coordinator

- [Centre for Research and Technology Hellas](#) (GR)

Partners

- [5T s.c.r.l.](#) (IT)
- [Attikes Diadromes s.a.](#) (GR)
- [BAST - Federal Highway Research Institute](#) (DE)
- [CDV - Transport Research Centre](#) (CZ)
- [CSST - Centro Studi sui Sistemi di Trasporto S.p.A.](#) (IT)
- [Technical University of Delft](#) (NL)
- Fiat Research Centre
- Prof. Dr. Heiner Erke Consultant Applied Psychology (DE)
- [ICCS - Institute of Communications and Computer Systems](#) (GR)
- [IIID - International Institute for Information Design](#) (AT)
- [Info Term - International Information Centre for Terminology](#) (int)
- [Institute for Transport Sciences](#) (HU)
- [KfV - Kuratorium für Verkehrssicherheit](#) (AT)
- [Bureau Mijksenaar B.V.](#) (NL)
- [MIZAR Mediaservice](#) (IT)
- [Navteq - Digital map data](#) (US)
- [NTUA - National Technical University of Athens](#) (EL)
- [Plannung Transport Verkehr AG](#) (DE)
- [Ole Søndergaard ApS](#) (DK)
- [SWOV - Institute for Road Safety Research](#) (NL)
- [TØI - Institute of Transport Economics](#) (NO)
- [Technical University of Darmstadt](#) (DE)
- [De Montfort University](#) (UK)
- [Radboud University Nijmegen](#) (NL)
- [University of Stuttgart](#) (DE)
- [VUB - Vrije Universiteit Brussel](#) (BE)
- [Valeo - Switches and Detection Systems](#) (DE)
- [VTI - Swedish Road and Transport Research Institute](#) (SE)