

Workshop Secretariat

Mrs. Eleonora Bousoula

National Technical University of Athens
Department of Transportation Planning & Engineering
Laboratory of Highway Engineering
5 Iroon Polytechniou Str., Zografou 15773
Athens, Greece
Phone: +30 210 7721279 - Fax: +30 210 8078692
Email: pavnet@central.ntua.gr

Workshop Location

The Workshop will be held at the National Technical University of Athens (NTUA), School of Civil Engineering.

Language

Presentation and discussions will be made in English or Greek with simultaneous translation.

Sponsoring

It is possible to become a sponsor of the Workshop. Companies and consultants interested to sponsor the event and advertise products related to noise and environmental aspects of pavements are welcome. For sponsoring information, please contact the workshop secretariat by email at: pavnet@central.ntua.gr or phone at +30 2107721279.

Workshop

Low-Noise Pavement and Road Surfaces



14 March 2008
Athens, Greece

Dr. Andreas Loizos, Professor
Director, Laboratory of Highway Engineering
Dept. of Transportation Planning & Engineering
National Technical University of Athens (NTUA)
5 Iroon Polytechniou Str.,
Zografou 15773
GREECE



National
Technical
University of
Athens



Objectives

Traffic noise reduction is an important element of a national response to the EU Environmental Noise Directive that requires all Member States to develop noise strategies.

The goal of this workshop is to foster the use of low-noise road surfaces throughout Europe by disseminating the tools developed by the European project SILVIA. To achieve this, the INQUEST project coordinates the communication and dissemination of past and present research pertaining to guidance on the use of low-noise technologies for road surfaces.

Dissemination will focus on the contents of the Guidance Manual developed by the European cooperative project SILVIA Sustainable Road Surfaces for Traffic Noise Control). One of the main outputs of SILVIA is an acoustic classification procedure for road surfacing materials and technologies. A complementary objective of the INQUEST project is to promote European harmonisation of testing methods and equipment for this purpose.

Specially for south-eastern Europe and Greece where a large part of the road and highway network infrastructure is under development or upgrading, the adoption and implementation of low-noise pavement concepts becomes a critical issue with respect to the contemporary environmental and social requirements.

More information about SILVIA project is available at www.trl.co.uk/silvia

The project is supported by funding from the European Commission.

Local Organizing Committee

Andreas Loizos (Chairman)	NTUA
George Charonitis	NTUA Dep. of Transport. & Eng
Thanasis Kasidas	KEDE / YPEXODE
Eleni Marouda	KEDE / YPEXODE
Nikos Michas	HESPER
Theodoros Panoutsopoulos	DME0 / YPEXODE
Kostantinos Papandreou	ATTIKES DIADROMES SA
Vasilis Papavasiliou	NTUA Lab. of Highway Eng
Christina Plati	NTUA Lab. of Highway Eng
Andreas Polakis	EYDE - PATHE / YPEXODE
Theodoros Voudiklaris	IOK

Tentative Programme

- 09:15 Welcome Addresses
- 09:30 Introduction to low-noise pavements / Local issues and needs
Dr. Andreas Loizos, Professor NTUA / FEHRL Group
- 09:50 Introduction to INQUEST and SILVIA
Guy Descornet, BRRC
- 10:15 The road surface and traffic noise
Guy Descornet, BRRC
- 10:40 State-of-the-art of low-noise surfaces
Hans Bendtsen, DRI
- 11:10 Coffee Break
- 11:30 Noise measurement methods and certification procedures
Guy Descornet, BRRC
- 12:00 Experimental surfaces and future prospects
Hans Bendtsen, DRI
- 12:25 Interaction of low-noise surfaces with other control measures
Hans Bendtsen, DRI
- 12:50 Lunch Break
- 14:00 Classification, labeling and COP (including prediction models and mapping)
Phil Morgan, TRL
- 14:25 Cost-benefit analysis
Hans Bendtsen, DRI
- 14:50 Summary and Presentation of the Guidance Manual
Phil Morgan, TRL
- 15:15 Coffee Break
- 15:35 Other relevant European and International projects
Phil Morgan, TRL
- 16:00 Comments by the Audience / Panel Discussion
- 17:00 Evaluation and Closing Statements
- 17:15 Closure of the Workshop

REGISTRATION FORM

Please send the registration no later than March 3, 2008 by e-mail or fax. The workshop is free of charge for the participant due to financial support by the European Commission through the INQUEST project and by NTUA.

Please note that the number of participant is limited and acceptances will be upon priority.

Name _____

First Name _____

Organisation _____

Address _____

Phone _____

Fax _____

E-Mail _____

Date _____

Signature _____