Scope and objective:
The objective of this symposium is to present the latest knowledge concerning road traffic noise management and abatement in Europe. Recently, the Task Group Road Noise of the Conference of European Directors of Roads (CEDR) has completed its work by publishing reports covering topics such as noise reducing pavements, noise barriers and methods for cost-benefit/effectiveness analysis. This symposium will focus on the dissemination of the key findings and recommendations arising from this work. The presentation of these new CEDR reports will be augmented by additional stimulating presentations and discussion focusing on new solutions and methods linked to the area of road traffic noise abatement and the integration of road traffic noise into road and traffic planning and management.

In 2017, CEDR member states will undertake the third cycle of strategic noise mapping as specified in the Environmental Noise Directive (Directive 2002/49/EC: END). This symposium will also provide new ideas and tools to the development of the noise action plans that has to be prepared once the noise mapping requirements are completed.

Attendees:
- Professionals from national road authorities, dealing with noise management, pavements, noise barriers or cost-benefit analysis
- Professionals from environmental protection agencies, interested in noise management and abatement
- Professionals from road traffic noise consulting firms, and research institutes etc.
Day-1:

12:00-12:50: Registration and sandwiches for lunch

12:50-14:30: Welcome, scope of the symposium and introduction to road traffic noise problems
Chair and moderated by Wiebe Alberts, chairman of CEDR Taskgroup Road Noise

12:50 Welcome and opening of the symposium: Gert von der Ahé, head of division, Danish Road Directorate

13:00 Scope, programme and objectives of the symposium: Wiebe Alberts, chairman of CEDR Taskgroup Road Noise

13:10 Introduction CEDR and the future working processes: Steve Phillips, secretary-general CEDR

13:30 Number of people exposed to road traffic noise in Europe: Colin Nugent, project manager noise, European Environment Agency, Denmark

13:50 Health effects of road traffic noise: Mette Sørensen, senior scientist, Danish Cancer Society

14:10-17:00 Cost-benefit/effectiveness analysis of projects on road traffic noise abatement
Chair and moderated by Wiebe Alberts chairman of CEDR Taskgroup Road Noise

14:10 Presentation of the new CEDR report on cost-benefit analysis and cost-effectiveness analysis: Jakob Fryd, project manager, Danish Road Directorate

14:30 Valuing impacts of environmental noise: Benjamin Fenech, principal noise and health specialist, Public Health England

14:50 Setting a price on road traffic noise in Sweden: Stefan Grudemo, Economist, Swedish Transport Administration

15:10-15:40 Coffee break

15:40 The Dutch cost-effectiveness analysis for noise measures: Dick van der Gugten, senior advisor noise, Dutch National Road Authority

16:00 Active noise abatement in Switzerland; economy and guidelines: Urs Walker, head of noise division, Swiss Federal Office for the Environment

16:20 Cost-effectiveness analysis prioritizing noise reducing pavements in road maintenance: Rasmus Stahlfest Holck Skov, noise expert, Danish Road Directorate

16:40 Panel discussion with presenters and audience focusing on implementation of cost-benefit/effectiveness analysis
Panel discussion is moderated by Vincent O’Malley, head of environmental policy and compliance, Transport Infrastructure Ireland

17:00 End of day-1

19:00 Optional: Symposium dinner at restaurant in central Copenhagen (at own cost, about €75 or DKK 560)
Day-2:

8:30-10:10  **Noise barriers as a tool for noise abatement**  
Chairied and moderated by Wiebe Alberts chairman of CEDR Taskgroup Road Noise

08:30  Presentation of the new CEDR report on noise barriers: Barbara Vanhooreweder, noise expert, Flemish Agency for Roads and Traffic, Belgium

08:50  Noise barriers and electricity production: Giles Parker, managing director Sound Barrier Solutions, United Kingdom

09:10  In situ measurements to check the acoustic efficiency of the devices: Jean-Pierre Clairbois, chief executive officer, A-Tech Acoustic Technologies, Belgium

09:30  Management of noise barriers to avoid problems in the future: Sébastien Marcocci, noise expert, Public Service of Wallonia, Belgium

09:50  Panel discussion with presenters and audience focusing on implementation of new knowledge on noise barriers. Panel discussion is moderated by Vincent O’Malley, head of environmental policy and compliance, Transport Infrastructure Ireland.

10:10-10:40  Coffee break

10:40-12:20  **Noise reducing pavements as a tool for noise abatement**  
Chairied and moderated by Wiebe Alberts chairman of CEDR Taskgroup Road Noise

10:40  Presentation of the new CEDR report on noise reducing pavements: Hans Bendtsen, senior scientist, Danish Road Directorate

11:00  Dutch experiences using porous asphalt for noise reduction: Rob Hofman, senior advisor pavements, Dutch National Road Authority

11:20  Danish experiences tendering noise reducing pavements: Rasmus Stahlfest Holck Skov, noise expert, Danish Road Directorate

11:40  Pavements to reduce rolling resistance and vehicle CO₂ emissions: Bjarne Schmidt, programme manager, Danish Road Directorate

12:00  Panel discussion with presenters and audience focusing on implementation of noise reducing pavements. Panel discussion is moderated by Vincent O’Malley, head of environmental policy and compliance, Transport Infrastructure Ireland

12:20-13:00  **Conclusions and follow-up actions**  
Moderated by Vincent O’Malley, head of environmental policy and compliance, Transport Infrastructure Ireland

12:20  Conclusions: Vincent O’Malley, head of environmental policy and compliance, Transport Infrastructure Ireland

12:30  First follow-up actions: Wiebe Alberts, chairman of CEDR Taskgroup Road Noise

12:40  Discussion on conclusions and follow-up actions

13:00-14:00  **Lunch at symposium venue**

14:00  **End of symposium**
Date and time: 15th (12:00-17:00) to 16th (08:30-14:00) of May 2017
Venue: MBK, Pilestræde 61, Copenhagen, Denmark
Fee: Attending the symposium is free of charge, thanks to financial support from the Danish Road Directorate, the CEDR organization and the Programme Executive Board of the CEDR Call 2012 Traffic Noise
Register: Fill out the registration form and email it in pdf or word format to: PLA-PA-VMA@vd.dk before 15th of April 2017
Limit: The attendance is limited to 75 participants on first-come, first-served basis combined with securing participation from CEDR National Road Authorities
More info: Hans Bendtsen (Danish Road Directorate): email: hbe@vd.dk
Wiebe Alberts (Dutch National Road Authority): email: wiebe.alberts@rws.nl
CEDR reports: Download from http://www.cedr.eu/publication-three-technical-reports-noise