



environmental
protection uk

Cost Effective Noise Management

13th October, Lakeside Centre, Conference Aston

PROGRAMME

09.30 Registration and Refreshments

10.00 Chair's Introduction

Alan Bratt, Chair of National Noise Committee, Environmental Protection UK

10.05 Noise Under the New Government

Belinda Gordon, Defra

Belinda will give an update on current and emerging government policy on noise

10.25 The Westminster Noise Strategy – Implementation with Economy

Phil McIlwain, Westminster City Council

Westminster City Council's Noise Strategy was published earlier this year. Our speaker will explain how joined-up working can facilitate the implementation of policy and practice to manage noise.

10.50 Questions and Discussion

11.00 Refreshment Break

11.20 Residential Development in High Noise Locations

Clive Bentley, Sharps Redmore Partnership

The Government's Planning Policy Guidance for Noise (PPG24, 1994) states that, in certain noisy environments, "Permission should normally be refused". What does this actually mean in 2010? Clive will look at recent cases (which were the subject of planning inquiries) in which developments within such areas were granted permission and will consider how helpful and relevant this advice is, given that the Secretary of State is willing to set it aside in certain circumstances.

11.40 Maximising Opportunities to Consider Noise Through the Planning Process

Cassandra Harrison, LG Regulation

An overview of key stages of the policy planning and development management process where opportunities exist to proactively tackle noise, alongside an update on proposed and recent changes to the planning system, and their possible impacts on the work of local authority planners and environmental health professionals.

12.00 Cost Effective Noise Monitoring

Gianluca Memoli, Richard Barham and Martin Chan, National Physical Laboratory

NPL have been trialling low cost microphones for application of distributed noise monitoring – with examples to date including a sound walk at Euronoise in Edinburgh and monitoring around London City Airport (during a period covering the flight ban in April) and other locations across the UK. They will set out their experience to date and applications for noise management work.

12.30 Questions and Discussion

12.50 Lunch

13.45 Chair's Introduction

Alan Bratt, Chair National Noise Committee, Environmental Protection UK

13.50 Driving Down Transport Noise

Nina Renshaw – European Federation for Transport and the Environment

One recommendation of the recent consultants report on implementation of the Environmental Noise Directive was that reducing noise at source is the most cost effective way to reduce transport noise impacts. Nina will give an overview of current and pending EU regulation to manage noise from vehicles and NGO work to drive progress.

14.05 The Challenge of Designing Sounds for Electric Vehicles

Professor Paul Jennings, WMG, University of Warwick

Wide introduction of electric cars, inherently quiet at low speeds, could reduce disturbance from traffic noise. However, sound also signifies the presence of a vehicle. Losing sound could therefore be a potential safety risk. If we need to re-introduce sound, how do we design it, satisfying safety, environmental, and manufacturers' considerations?

14.25 An Update on the DfT Backed Quiet Deliveries Demonstration Scheme (QDDS)

Chris Douglas, Director, Transport & Travel Research

Chris will look at how HGV deliveries in urban areas can operate effectively, without disturbance to residents, during night-time, out-of-hours and/or weekend periods, and the social, environmental and economic benefits this can provide to local communities.

14.45 Questions and Discussion

15.00 Refreshment Break

15.15 Microgeneration of Renewable Energy and the New Energy Landscape

Steven Harris, Head of Low Carbon Technologies, Energy Saving Trust

An overview of domestic microgeneration technologies and the field trial work of the Energy Saving Trust, which tests whether the technologies actually work and how they can help Britain move towards a Zero Carbon economy.

15.40 Noise Impact of Small Wind Turbines – Examples of Rural and Urban Cases and Discussion of Issues Raised

Dani Fiumicelli, Technical Director, Aecom

Dani will look at case studies of installation of small wind turbines i.e. rotor area less than 200m² (for horizontal-axis wind turbines this equates to a rotor diameter of ~ 16 m/52 ft), in rural and urban districts; and examine the noise and vibration issues raised. This will include considering source sound power data, the selection of noise and vibration criteria and where they apply, methods of noise and vibration prediction propagation, and some non-acoustic factors that affect the locating and efficiency of small wind turbines e.g. topography, vegetation, structures, wind conditions and economic factors.

16.05 Questions and Discussion

16.25 Chair's Summing Up

16.30 Close