



Reducing Transport Noise in Cities
CityHush Dissemination Seminar and Training Workshop

Tuesday, 11 December 2012
Tekniska nämndhuset, Fleminggatan 4, Stockholm, Sweden

9.00 Welcome Coffee

Part I: CityHush seminar: Acoustically green cities

9.30 Welcome

Karen Vancluysen, Polis

9.35 Introduction to the CityHush project: Objectives & expected results

Martin Höjer, Tyrens (ACL)

Urban Planning & Noise Rating Systems

9.45 Measuring and analysing road traffic noise

André Fiebig, HAC

10.00 Parks embedded in Q-zones – the case of Gothenburg

Daniel Söderström, Tyrens (ACL)

Building Design & Noise Barriers

10.15 Reduction of low frequency structure borne noise

Hamid Masoumi, D2S International

10.30 Questions & Answers

10.45 Coffee break

Vehicles, Tyres & Road Surfaces

11.15 Low noise road surface: Creating a low noise road surface for inner city use

Martin Höjer, Tyrens (ACL)

11.30 Low noise vehicles: Functional noise specifications for purchasing green low noise vehicles

Filip Stenlund, Tyrens (ACL)

11.45 Scooters: Noise of electric and combustion powered scooters: PTW noise levels, resulting annoyance and potential for reduction

André Fiebig, HAC

12.00 Developing quiet tyre designs for quiet road surfaces

Alexander Ossipov, Goodyear

12.15 Questions & Answers

Conclusions

12.30 Summary & Conclusions

Martin Höjer, Tyrens (ACL)

12.45 Lunch

Part II: CityHush training workshop for local authorities

14.00 Acoustically green city areas: How to create Q-zones

Staffan Clas Torehammar, Tyrens (ACL)

14.15 Embedded parks to reduce transport noise

Staffan Algiers (KTH)

14.30 Site report: Stockholm's path to reduced transport noise

Jörgen Bengtsson, city of Stockholm

14.45 Coffee Break

15.00 Traffic noise and annoyance: How to use noise score rating models and what is the effect of quiet facades

Erik Salomons, TNO

15.15 How to define the optimal low noise road: an economical approach

Geert Desanghere, Akron nv

15.30 Questions & Answers

15.45 Summary & Conclusions

Martin Höjer, Tyrens (ACL)

16.00 End of workshop

Practical Information

The CityHush seminar takes place at: Tekniska nämndhuset, Fleminggatan 4, Stockholm

Registration is possible until 2 December 2012 online:

<http://www.polisnetwork.eu/publicevents/131/61/Reducing-transport-noise-in-cities-Final-CityHush-event>

Attendance at the seminar and the training are free of charge, but registration is required.

For hotel information, please visit: <http://www2.visitstockholm.com/en/accommodation?filter=c=3609>

HOSANNA project workshop

The day before the CityHush workshop, on 10 December, the European project HOSANNA will also hold a dissemination event in Stockholm. The workshop will summarise the main findings of the HOSANNA project, whose aim was to develop a toolbox for the reduction of road and rail traffic noise in outdoor environments, by optimal use of vegetation and other natural materials in combination with artificial elements. The project studies a number of abatement strategies that may achieve cost effective improvements using new barrier designs, planting of trees, shrubs or bushes, ground and road surface treatments and greening of building facades and roofs. The noise reduction is assessed in terms of sound level reductions, perceptual effects and cost-benefit analyses. For further information about the workshop and the project, visit: <http://www.greener-cities.eu/>