

SILENCE Final Training Conference

REDUCING TRANSPORT NOISE IN URBAN AREAS

Bergisch Gladbach (Cologne), 28-29 May 2008

**German Federal Highways Research Institute BAST
Brüderstrasse 53, D-51427 Bergisch Gladbach**

Although noise limits have become increasingly stringent over the years, no corresponding reduction in noise levels in urban areas has been observed. Therefore, European noise policy has been revised to focus on noise perception, to avoid the harmful effects of noise exposure from all sources, and to preserve quiet areas.

Over the last three years, **SILENCE**, a research project co-funded by the European Commission, developed an integrated methodology for the improved control of surface transport noise in urban areas. SILENCE provides relevant and world-leading technologies for the efficient control of surface transport noise, innovative strategies for action plans on urban transport noise abatement, and practical tools for their implementation. Now that the project is approaching its conclusion, all results become available.

This final training conference aims to inform a range of stakeholders of the potential of the different noise abatement measures that have been studied and tested in the project. The conference will adopt a very interactive approach, allowing for ample discussion and exchange between the SILENCE partners and the participants, and showing in a very concrete manner how to apply and integrate the noise abatement measures that have been developed. An extensive SILENCE exhibition will further illustrate these measures and the different areas covered in the project, and will form an integral part of the training sessions on the second day. Future challenges and research needs on transport noise abatement will also be discussed. Finally, the unique location of the event, the premises of the German Federal Highway Research Institute BAST, will offer the opportunity to actually experience the noise reduction potential of some measures through the large-scale interior drum testing facility that was recently established at BAST.

Who should attend? Public authorities, (public) transport operators, consultants, manufacturers/industry, engineers, railway operators, road operators, and any other stakeholders dealing with urban transport noise abatement!

DRAFT PROGRAMME

WEDNESDAY 28 MAY 2008

Chairman: Alexander Holleis, AVL-List

11.00 Registration and Welcome Coffee

11.30 Welcome by local representatives

11.45 Introduction by the European Commission

12.05 **Recognising the problem: the impact of noise on the citizen**
Barbara Griefahn, IFADO

12.25 **Overview of the SILENCE project**
Franz Brandl, SILENCE Coordinator, AVL-List

A questionnaire will be circulated among participants to consult them on what they consider to be the most important challenges and needs for future transport noise research.

13.15 Lunch – Visit to SILENCE exhibition

14.15 **Urban transport noise abatement: Challenges for the future**

Road Vehicles – Eugene Nijman, Centro Ricerche Fiat

Tyres – Ernst-Ulrich Saemann, Continental

Road Surface – Hans Bendtsen, DRI

Rail – Pierre-Etienne Gautier, SNCF

City Planning & Traffic Management – Melanie Kloth, Polis; Lars Ellebjerg, DRI

16.00 Coffee break – Visit to SILENCE exhibition

16.30 **Summary of participants' survey results on challenges and needs for future transport noise research, followed by Stakeholders debate on urban transport noise abatement**

17.15 Conclusions

17.30 Cocktail – Visit to SILENCE exhibition

THURSDAY 29 MAY 2008

09.30 Parallel Sessions

Session 1: How to develop local noise action plans?

Who should attend? Public authorities, public transport operators, consultants

Session 2: Modelling the pass-by noise of cars and trains

Who should attend? Manufacturers/industry, engineers, railway operators

10.45 Coffee Break – Visit to SILENCE exhibition

11.15 Parallel Sessions (Continued)

Session 1: How to develop local noise action plans? (Continued)

Session 2: Modelling the pass-by noise of cars and trains (Continued)

Including visit to BAST drum facility

12.30 Lunch – Visit to SILENCE exhibition

13.30 Parallel Sessions

Session 3: How to reduce rail transport noise?

Who should attend? Railway operators, manufacturers/industry, engineers

Session 4: How to reduce road transport noise?

Session 4.1: Technological innovations for road transport noise

Who should attend? Industry, engineers, road operators

Session 4.2: Managing quieter road transport

Who should attend? Road operators, transport operators, public authorities

Including visit to BAST drum facility

14.45 Coffee break – Visit to SILENCE exhibition

15.15 Parallel sessions (Continued)

Session 3: How to reduce rail transport noise? (Continued)

Session 4: How to reduce road transport noise? (Continued)

Session 4.1: Technological innovations for road transport noise

Including visit to BAST drum facility

Session 4.2: Managing quieter road transport

16.30 End of the conference

PRACTICAL INFORMATION

The seminar will take place at:

BASt – Federal Highway Research Institute (Bundesanstalt für Straßenwesen)

Brüderstrasse 53

D-51427 Bergisch Gladbach

Telephone: +49 2204 43-0

Fax: +49 2204 43-673

HOW TO REACH BAST

By car

Highway A4 heading from Cologne to Olpe, exit Bensberg (19); follow the signs for "Bundesanstalt für Straßenwesen".

By train and public transport

Total journey of about 45 minutes from Cologne.

Ticket: Choose "Preisstufe 2b" (CityPlusTicket Köln) at the ticket machine (3.20 EUR).

From Cologne central railway station

Rapid-transit bus 40 from Breslauer Platz bus stop, destination Bergisch Gladbach. Travelling time of about 25 minutes to Frankenforst bus stop, followed by a walk of roughly 15 minutes to the Federal Highway Research Institute.

From Köln-Deutz railway station

Tram line 1, destination Bergisch Gladbach-Bensberg. Travelling time of about 20 minutes to Kippekausen tram stop, by a walk of roughly 20 minutes to the Federal Highway Research Institute.

To shorten the walking distance, you can change to: Bus 452, destination Frankenforst. Travelling time of about 5 minutes to the Ernst-Reuter-Straße bus stop, followed by a 5-minute walk to the Federal Highway Research Institute.

Additional information on public transportation services can be obtained at www.koeln.de/stadtinfo/verkehr

By taxi: Travelling time of 20 - 30 minutes.

By air

From Cologne/Bonn airport via public transport. Total journey of about 70 minutes.

Ticket: Choose "Preisstufe 2b" (CityPlusTicket Köln) at the ticket machine (3.20 EUR).

Regional (S) train line S13, travelling time of about 15 minutes to the Deutz/Messe train station. Continue from Köln-Deutz train station as described above.

or

Onward with regional train line S13 to the Dom/Hauptbahnhof train station; travelling time of about 20 minutes. Continue from Cologne central station as described above.

By taxi: Travelling time of about 15 minutes.



ACCOMMODATION

Hotel im Goethehaus

Markt 3

51429 Bergisch Gladbach

phone: +49 - 2204 - 20590

fax: +49 - 2204 - 205945

Goethehaus@blum-partner.de

www.Hotel-Goethe-Haus.de

Rate: conference option (until 6 weeks before event): 59 EUR (incl. breakfast); keyword: SILENCE

2.5 km from conference venue

Hotel Gut Wistorfs

Olpener Str. 845

51109 Köln

phone: +49 - 221 - 880 4790

fax: +49 - 221 - 880 47910

info@gut-wistorfs.de

www.gut-wistorfs.de

Rate: concerence option (until 6 weeks before event): 80-100 EUR, keyword: SILENCE

5 km from conference venue

Hotel Malerwinkel

Fischbachstraße 3 /Burggraben 6

51429 Bergisch Gladbach

Bensberg

phone: +49 - 2204 - 95040

fax: +49 - 2204 - 9504100

info@malerwinkel-hotel.de

www.malerwinkel-hotel.de

Rate: 109-129 EUR

2.5 km from conference venue

Kardinal Schulte Haus

Overather Straße 51-53

51429 Bergisch Gladbach

Phone for reservations: +49 - 2204 - 408 573

fax: +49 - 2204 - 408 687

reserv@k-s-h.de

www.k-s-h.de

Rate: 100 EUR

2.5 km from conference venue

REGISTRATION FORM
REDUCING TRANSPORT NOISE IN URBAN AREAS
SILENCE Final Conference, Bergisch Gladbach, 28-29 May 2008

PLEASE RETURN THIS REGISTRATION FORM BY 15/05/08 TO
mkloth@polis-online.org, fax: +32 2 5005680

I will attend the SILENCE Conference.

I will participate in:

- The plenary session on 28/05/08
- The cocktail on 28/05/08

Parallel session on 29/05/08 am:

- 1
- 2

Parallel session on 29/05/08 pm:

- 3
- 4.1
- 4.2

TITLE:

FIRST NAME:

NAME:

POSITION:

COMPANY/ORGANISATION:

STREET:

NR:

CITY:

POSTAL CODE:

COUNTRY:

PHONE:

FAX:

E-MAIL:
