Environmental Atlas Berlin

Strategic Noise Map - Grid Map LN (noise index night) Sum of all Traffic Sources

Total Noise Index Traffic

Sum of Air, Road and Railway Traffic

Night Index L N in dB(A)

- > 70
- > 65 - 70
- > 60 - 65
- > 55 - 60
- > 50 - 55
- > 45 - 50
- <= 45

Traffic Sources (without Air Traffic)

- Centerline Road Traffic
- Centerline Railway Traffic
- Centerline Tram and Overground Metro

1. This map is not a component of the directive of the European Parliament relating to the assessment and management of environmental noise. These maps represent the attempt, to present a summing up contemplation of the single traffic noise-sources.

Due to lacking knowledge about the dose-effect relationships, only an energy summation was proceeded. Therefore the contemplation of the total noise cannot meet the requirements to respect the burden-effects of the individual noise sources.

2. The "Directive of the European Parliament and of the Council relating to the assessment and management of environmental noise" came into force on 18th February 2002.
This requires the following actions:
- determining the load caused by environmental noise by means of noise maps and according to assessment methods to be used by all of the Member States;
- adoption of action plans through the Member States based on the results of noise maps and aiming at preventing and reducing environmental noise where necessary and particulary in cases where exposure levels might have effects that are detrimental to health.

3. The following noise sources were examined:
- Road traffic (motor vehicles including busses)
- Streetcar traffic and above-ground subway traffic
- Industrial and commercial areas with plants complying with Annex I of Directive 96/61/EC
- Air traffic (Tegel Airport
- Railway traffic according to the Allgemeines Eisenbahngesetz (AEG, General Railroad Law).

Included in the examination were further relevant main noise sources in the Brandenburg area adjoining the borders, which exceed the specified immission levels (excluding Schönefeld Airport).

Scale: 1 : 50 000

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 km

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Basis Map: - Digitale Arbeitskarte des ISU, 1 : 5.000 (ISU5), Stand 30.06.2007

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