

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
INSTITUT FÜR RAUMSCHNITT UND GEM.
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... <= 60
> 60 ... <= 65
> 65 ... <= 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows several areas where noise levels are high, particularly along the main rail corridor running through the center of the city. The noise levels are color-coded: yellow for > 55 dB(A), orange for > 60 dB(A), red for > 65 dB(A), and dark red for > 70 dB(A). The map also shows the city's administrative boundaries and surrounding areas.

Stadt Bielefeld

Lärmkartierung nach 34.BImSchV 2012

sonstiger Schienenverkehr **Nacht**
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
INSTITUT FÜR RAUMSCHALL-UND GEM.
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

- > 55 ... ≤ 60
- > 60 ... ≤ 65
- > 65 ... ≤ 70
- > 70 ...

Anlage 6

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
FACHFÜR URBANISCHES LÄRM-UND SCHALLMILIEU
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

- > 55 ... <= 60
- > 60 ... <= 65
- > 65 ... <= 70
- > 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows the city's boundary and major roads. Noise levels are indicated by color-coded areas: yellow for > 55 to <= 60 dB(A), orange for > 60 to <= 65 dB(A), red for > 65 to <= 70 dB(A), and dark red for > 70 dB(A). The highest noise levels are concentrated along the main railway lines passing through the city center.

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
INSTITUT FÜR RAUMSCHALL-UND GEM.
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... <= 60
> 60 ... <= 65
> 65 ... <= 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows the city's boundary and major roads. Noise levels are indicated by color-coded areas: yellow for > 55 to ≤ 60 dB(A), orange for > 60 to ≤ 65 dB(A), red for > 65 to ≤ 70 dB(A), and purple for > 70 dB(A). The highest noise levels are concentrated along the main railway lines passing through the city center and towards the airport. A specific area near the airport is highlighted with a black rectangle.

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

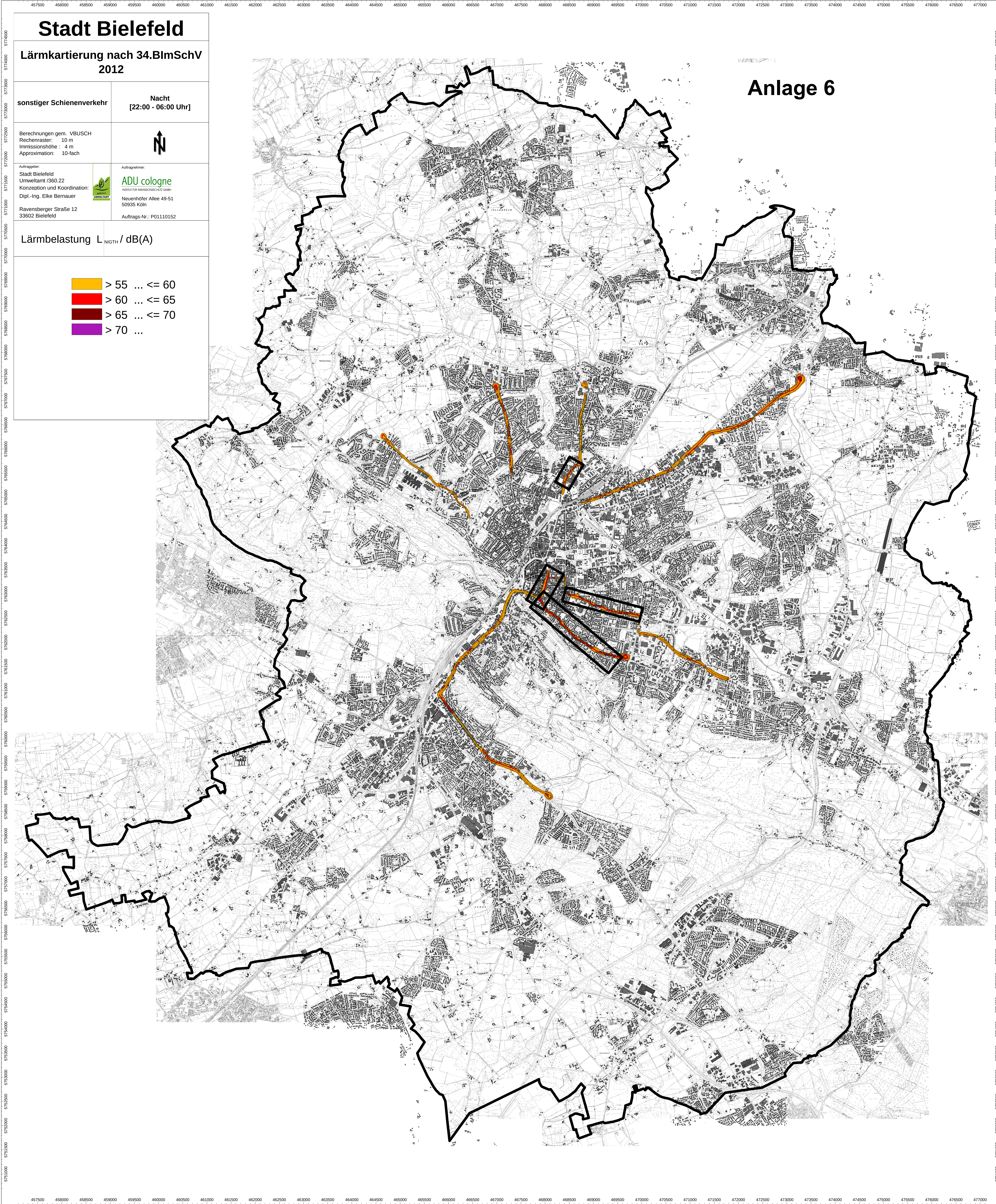
Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
INSTITUT FÜR RAUMSCHNITT UND GEM.
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... <= 60
> 60 ... <= 65
> 65 ... <= 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows several areas where noise levels are predicted to exceed 55 dB(A), with some areas reaching over 70 dB(A). These areas are primarily located along major railway corridors and around central urban areas. The map also shows the city's administrative boundaries and surrounding infrastructure.



Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
INSTITUT FÜR RAUMSCHNITT UND GEM.
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... <= 60
> 60 ... <= 65
> 65 ... <= 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows several areas where noise levels are predicted to exceed 55 dB(A), with some areas reaching over 70 dB(A). These areas are primarily located along major railway corridors and around central urban areas. The map also shows the city's administrative boundaries and surrounding infrastructure like roads and green spaces.

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
FACHFÜR URBANISCHES KLIMA UND LÄRM
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... <= 60
> 60 ... <= 65
> 65 ... <= 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows several areas where noise levels are predicted to exceed 55 dB(A), with some areas reaching over 70 dB(A). These areas are primarily located along major railway corridors and around central urban areas. The map also shows the city's administrative boundaries and surrounding infrastructure like roads and green spaces.

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
FACHFÜR RAUMSCHALL-UND-GEMISCHT
Neuenhöfer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... ≤ 60
> 60 ... ≤ 65
> 65 ... ≤ 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a scale bar. The map shows several areas of high noise exposure, particularly along major rail corridors and around central stations. The noise levels are categorized into four ranges: > 55 ... ≤ 60 dB(A) (yellow), > 60 ... ≤ 65 dB(A) (orange), > 65 ... ≤ 70 dB(A) (red), and > 70 dB(A) (purple). The map also indicates the location of the city boundary and the specific rail lines contributing to the noise.

Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

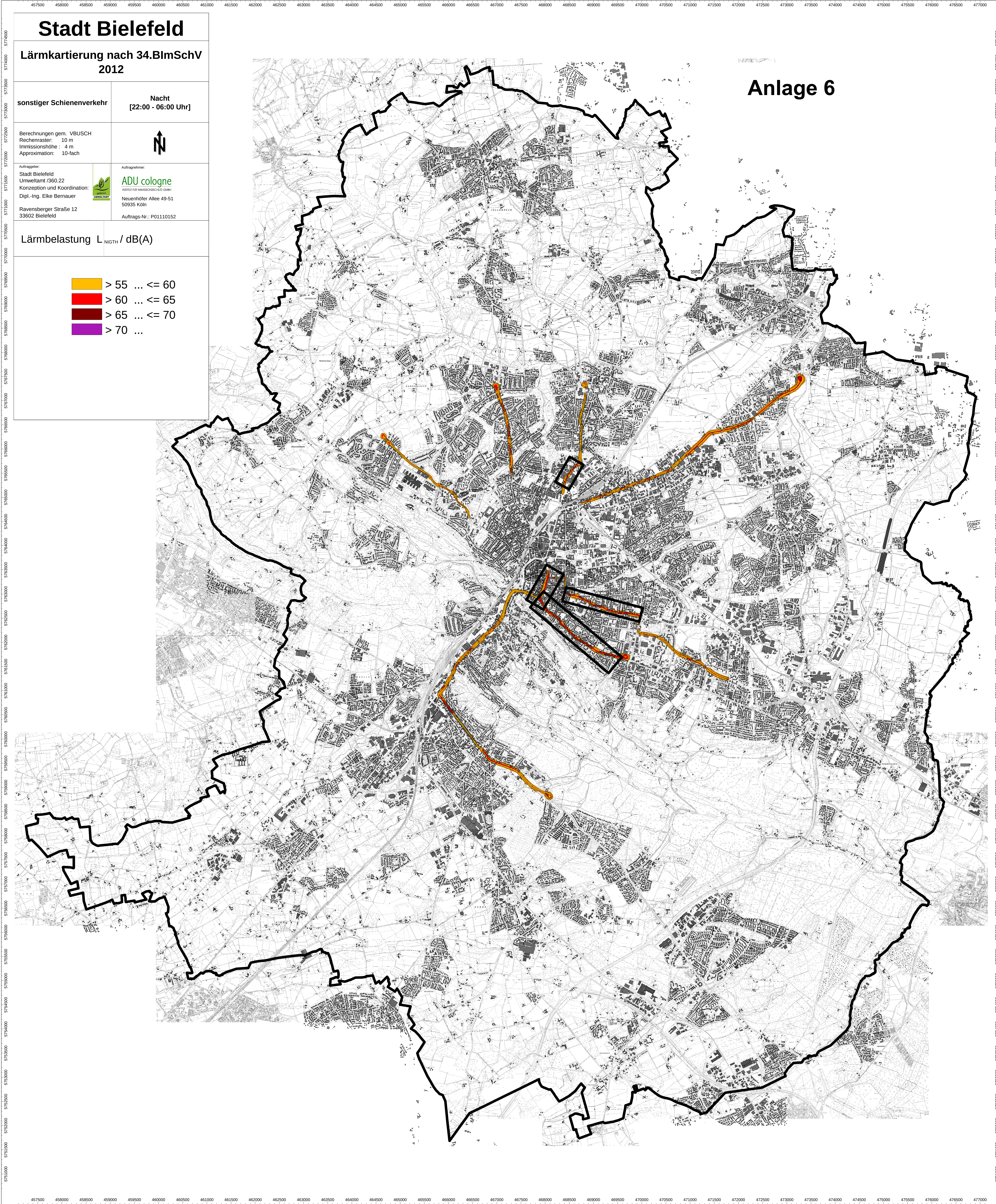
Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
FACHFÜR RAUMSCHALL-UND LÄRM
Neuenhofer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

- > 55 ... <= 60
- > 60 ... <= 65
- > 65 ... <= 70
- > 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, titled "Lärmkartierung nach 34.BImSchV 2012". It specifically focuses on noise from "sonstiger Schienenverkehr" (other rail traffic) during the night period of [22:00 - 06:00 Uhr]. The map uses a color-coded system to represent noise levels in dB(A), with a legend indicating four categories: yellow for > 55 ... <= 60, red for > 60 ... <= 65, dark red for > 65 ... <= 70, and purple for > 70. The map shows several areas of elevated noise, particularly along major rail corridors and around specific stations or industrial sites. A north arrow is present, pointing towards the top right. Technical details include calculations according to VBUSCH, a 10m calculation grid, an immission height of 4m, and a 10-fold approximation. The project was commissioned by the City of Bielefeld's Environmental Office and coordinated by Dipl.-Ing. Elke Bernauer. It was executed by ADU cologne, a specialist firm for spatial sound and noise, located at Neuenhofer Allee 49-51, 50935 Cologne. The contract number is P01110152.



Stadt Bielefeld

**Lärmkartierung nach 34.BImSchV
2012**

Anlage 6

sonstiger Schienenverkehr

Nacht
[22:00 - 06:00 Uhr]

Berechnungen gem. VBUSCH
Rechenraster: 10 m
Immissionshöhe: 4 m
Approximation: 10-fach

Auftraggeber:
Stadt Bielefeld
Umweltamt /360.22
Konzeption und Koordination:
Dipl.-Ing. Elke Bernauer
Ravensberger Straße 12
33602 Bielefeld

Auftragnehmer:
ADU cologne
INSTITUT FÜR RAUMSCHNITT UND GEM.
Neuenhöfer Allee 49-51
50935 Köln
Auftrags-Nr.: P01110152

Lärmbelastung L_{NIGHT} / dB(A)

> 55 ... <= 60
> 60 ... <= 65
> 65 ... <= 70
> 70 ...

The figure is a detailed noise map of the city of Bielefeld, Germany, specifically focusing on noise from rail traffic during nighttime hours (22:00 to 06:00). The map is titled "Stadt Bielefeld" and "Lärmkartierung nach 34.BImSchV 2012". It includes a legend for noise levels in dB(A) and a color-coded scale ranging from yellow (> 55 ... <= 60) to purple (> 70 ...). The map shows the city's boundary and internal street network. Several areas are highlighted with colors corresponding to the noise levels, indicating higher noise exposure near major rail lines and stations. A north arrow is present in the top right corner.