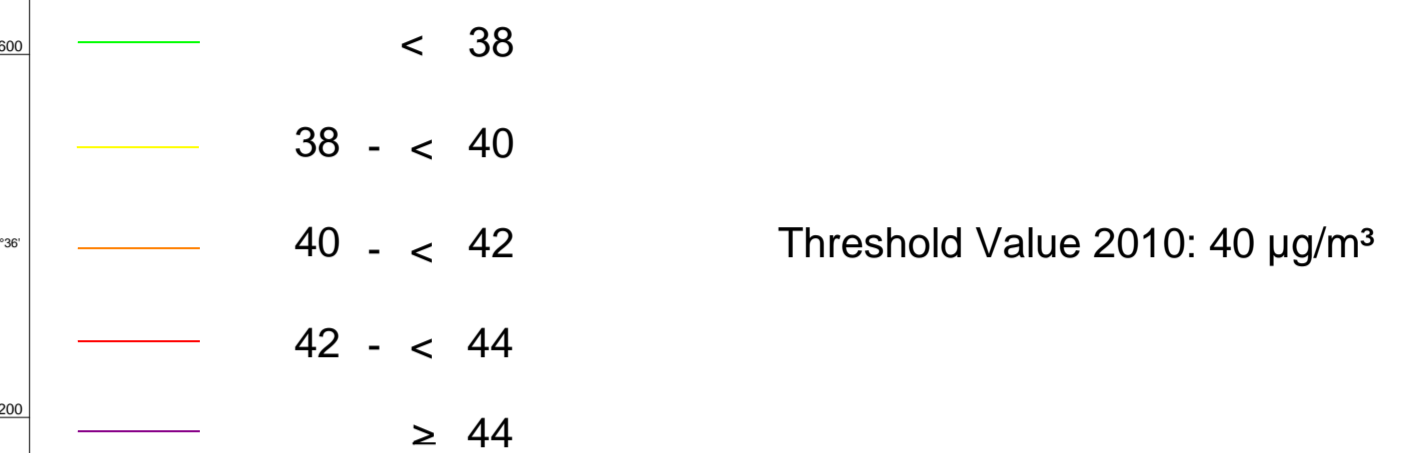


**Clean Air Plan 2011 - 2017**  
 Scenario: NO<sub>2</sub> Road Traffic by  
 Emission Reduction in the  
 urban Background

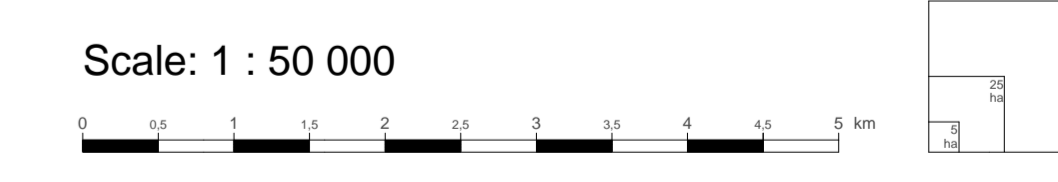
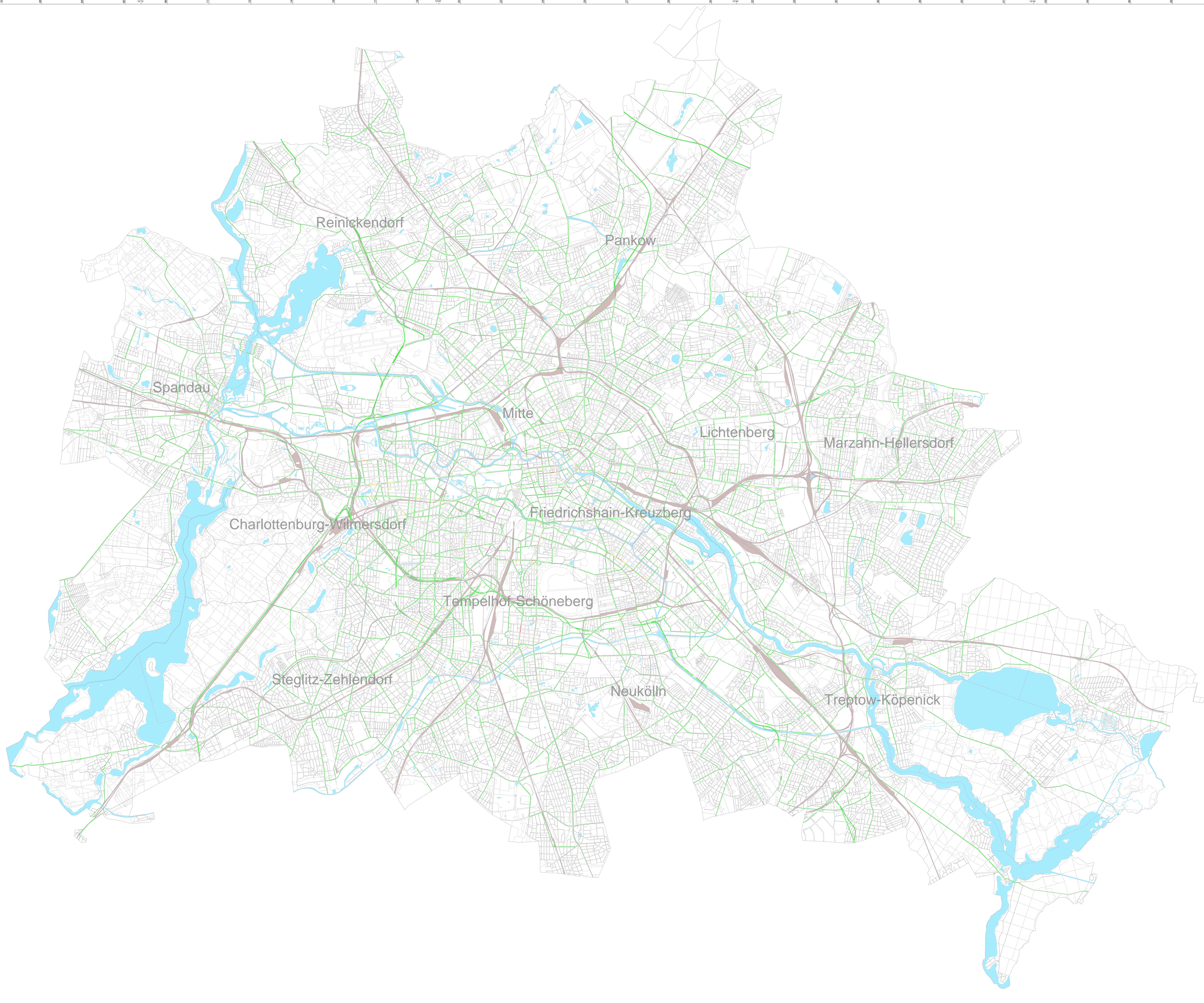
**Prediction of NO<sub>2</sub>-concentration caused by road traffic 2015**

Calculated yearly average value NO<sub>2</sub> [µg/m<sup>3</sup>]



- Pursuant to §47 & 27 BImSchG and 39th BImSchV, a Clean Air Plan (CAP) is to be established, under certain conditions. These conditions exist in Berlin. The present plan is an update of the 2005-2010 Clean Air Plan.
- Five packages of measures were established to model the emissions and immissions-related effects of measures for 2015. Measures for which an emissions-reduction effect can be expected city-wide, or at least for a large share of road sections where exceedances of the limits occur, were selected.
- To ascertain the maximum potential reduction, measures were established regardless of their concrete implementability.
- The following table provides an overview of the measures considered:

Abbreviation	Package of measures	Measures included
MB1	Improved vehicle technology	<ul style="list-style-type: none"> <li>Environmental Zone with no single-case exceptions</li> <li>Higher share of Euro-6 vehicles</li> <li>Promotion of electro-vehicles</li> <li>Retrofitted with particulate filters (EURO-4-PKW/LKW) and NOx scrubber systems (EURO-4-Trucks)</li> </ul>
MB2	Traffic flow optimization	<ul style="list-style-type: none"> <li>Reduced traffic congestion through:                             <ul style="list-style-type: none"> <li>Traffic signal coordination</li> <li>Inflow metering</li> <li>30 km/h speed limit</li> </ul> </li> </ul>
MB3	30 km/h speed limit at hotspots	<ul style="list-style-type: none"> <li>Introduction of 30 km/h zones</li> </ul>
MB4	Emissions reduction in the urban background	<ul style="list-style-type: none"> <li>Ban on solid fuels for heating</li> <li>Particulate filter for construction machinery</li> <li>Retrofitted of passenger ships with particulate filters</li> </ul>
MB5	Early achievement of 2020 fleet	<ul style="list-style-type: none"> <li>Fulfillment of regulations which are noch mandatory until 2020</li> </ul>



**Published by:** Senate Department for Urban Development and the Environment  
 Communication

**Conception:** Referat III F (Information System City and Environment, Environmental Atlas) in cooperation with Referat IX D Immission- and Climate Protection SenStadtUm

**Data:** - Modellierung emissions- und immissionsseitiger Wirkungen für das Jahr 2015, im Rahmen der Arbeiten zum Luftreinhalteplan 2011-2017, IX D SenStadtUm

**Data Collection and Map Construction:** IX D SenStadtUm in cooperation with III F

**Colour Concept:** III F 1

**End of Work:** March 2012

**Based on Map:** - Block map 1:5,000 (ISUS) of the ISU (Information System City and Environment) of the Senate Department for Urban Development III F, as of 31/12/2010

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**Extended Edition 2012**  
 Internet-Address: <http://www.stadtentwicklung.berlin.de>