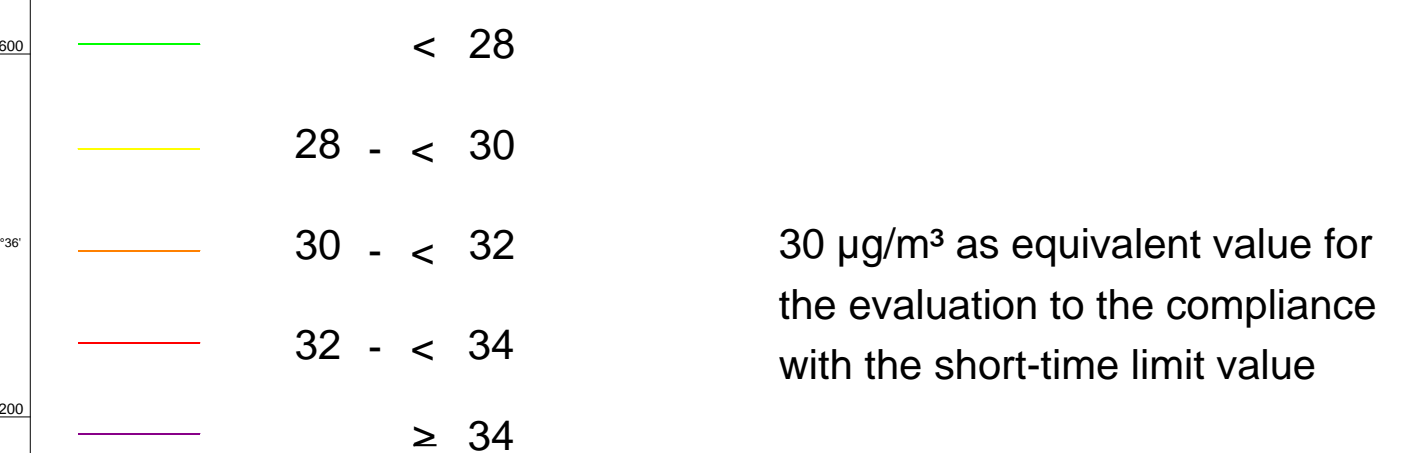


**Clean Air Plan 2011 - 2017**  
 Scenario: PM10 Road Traffic with Improved Vehicle Technology

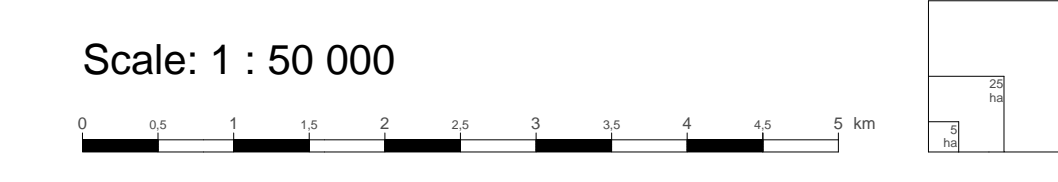
**Prediction PM10-Concentration by Road Traffic 2015**

Calculated Yearly Average Value PM10 [ $\mu\text{g}/\text{m}^3$ ]



- 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>



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