

# **Air Quality future plans for London**

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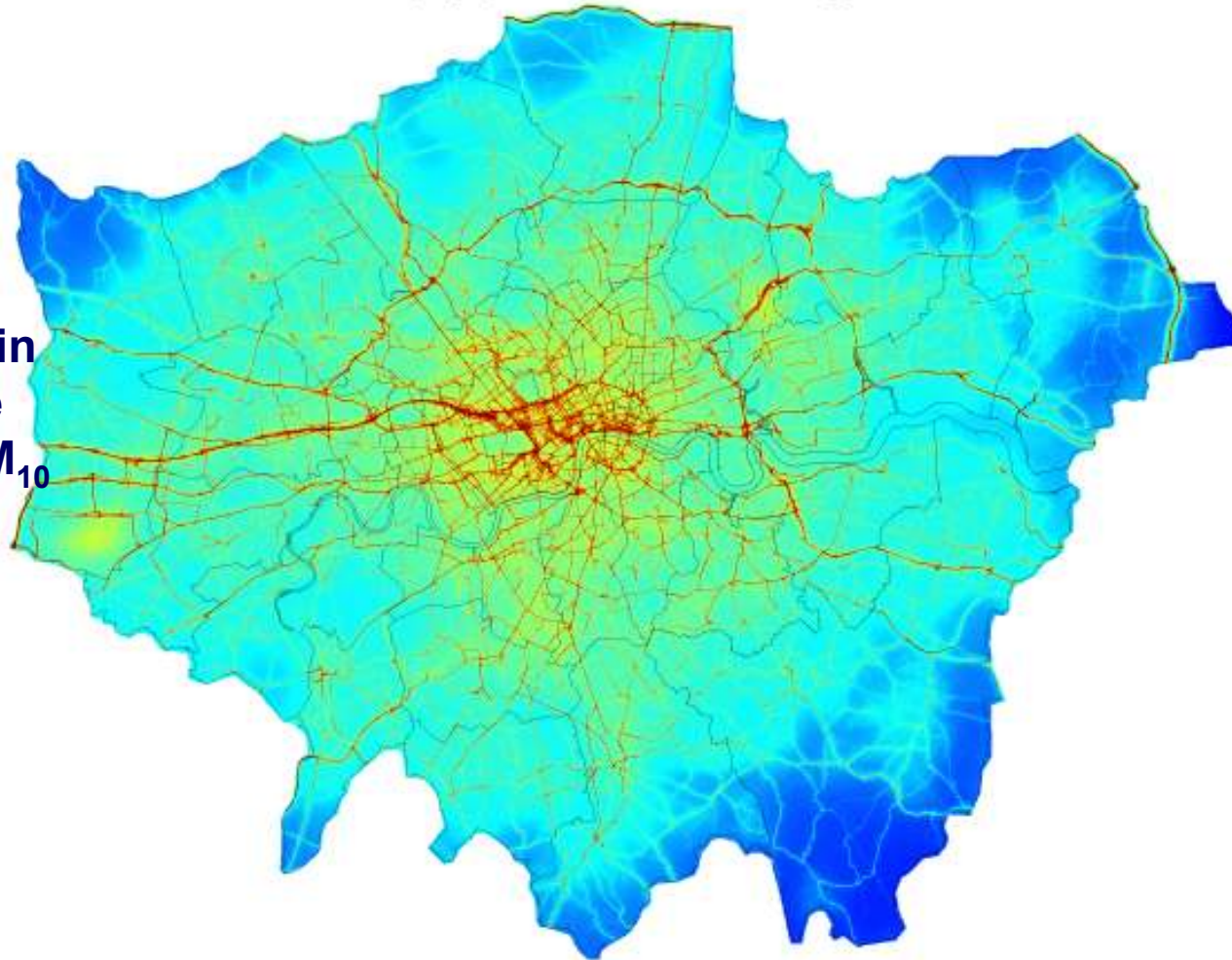
**London Air Quality Network Seminar  
19th January 2007**

# Air Quality in London

- Air pollution in London has caused the UK to breach European health based standards.
- 1,000 premature deaths were predicted to occur in 2005 in London from particulate (PM<sub>10</sub>) pollution.
- Poor air quality reduces our life-expectancy by 8 months (European average).
- Air pollution worsens respiratory and cardiovascular conditions, including asthma.
- Air pollution contributes to and is affected by climate change.

Modelled 2003 PM10 Exceedences (Days), based on 2003 Meteorology and the LAEI 2003

Number of exceedences in London of the daily mean PM<sub>10</sub> objective of 50 µg m<sup>-3</sup>



# Mayor's Air Quality Strategy

## Low Emission Zone

- Scheme order currently out for consultation
- HGVs, buses and coaches – Euro II for PM from 2008 & Euro IV from 2012
- Heavy vans and minibuses – Euro III for PM from 2010

# Emission Influenced Congestion Charging

- **Proposals are under development, aimed at encouraging lower emission cars**
- **Incentives for lower emission cars could be introduced from 2008**
- **Higher charges for high polluters could be introduced from 2008/9.**
- **This initiative will require full public and stakeholder consultation during 2007.**

# Improving vehicles under the Mayor's control

- **London Bus Improvement Programme**
- **Hydrogen Programme**
- **Other GLA Group vehicles**
- **Mayor's Taxi Emission Strategy**
  - All London taxis to meet Euro III for NOx and PM by mid- 2008

# London Atmospheric Emissions Inventory

- This detailed database provides basis for
  - our air quality work and priorities and
  - our detailed air quality modelling for London;
- We are holding a seminar for boroughs to support use of the LAEI and modelling for LAQM work, later this month.

## Assisting London boroughs

- We scrutinise and support borough work through the Local Air Quality Management

# Other Key Mayoral Initiatives

- **Development Requirements and Guidance**
  - set out through London Plan and associated guidance
  - the Best Practice Guidance on reducing dust and emissions from construction and demolition.
- **Ensuring air quality and climate change priorities are coherent and embedding in other work**



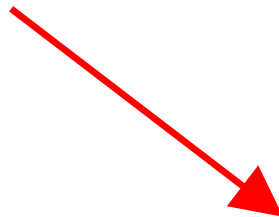
# What next for London?

Increasing interest in  
climate change – the  
Mayor's highest  
priority

New EU Directives  
for air quality &  
emissions control

Review of  
National Air  
Quality Strategy

Review of  
Mayoral Strategies



# Further Information

**Mayor's Air Quality Strategy &  
further information is available at  
[www.london.gov.uk](http://www.london.gov.uk)**

**Details on the London LEZ project and  
Emissions Influenced Congestion  
Charging  
is available at [www.tfl.gov.uk](http://www.tfl.gov.uk)**