

GLA AIR QUALITY UPDATE



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Greater London Authority

MAYOR OF LONDON

Outline



- Supreme Court Ruling
- Ultra Low Emission Zone and other measures
- Non Road Mobile Machinery Low Emission Zone
- London Local Air Quality Management

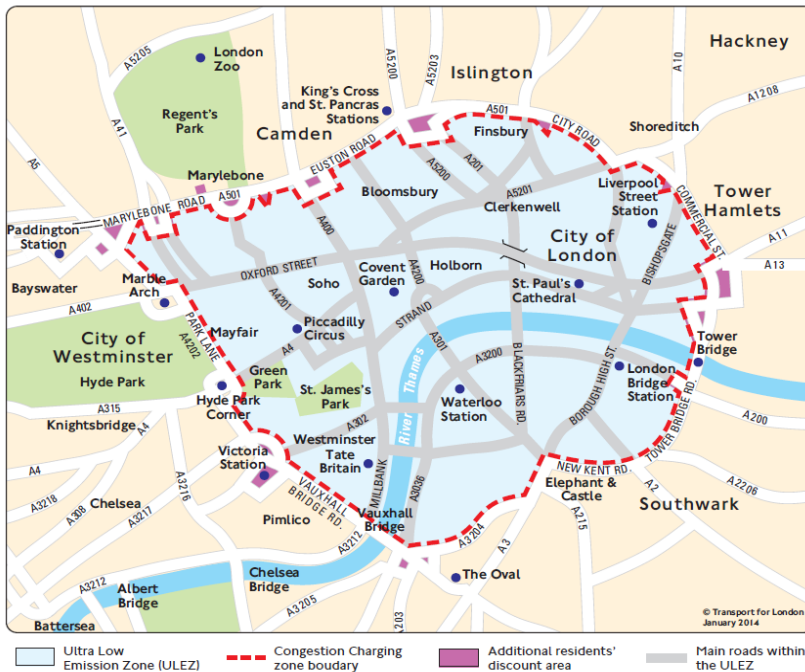
Supreme Court Ruling



- Supreme Court ruled on 29th April that the UK Government must submit new NO₂ actions plans for 16 zones (including London) by December 2015, which is subject to a public consultation
- Mayor published his Air Quality Manifesto in Summer 2014 setting out his vision for London to be compliant with NO₂ limit values by 2020 at the latest

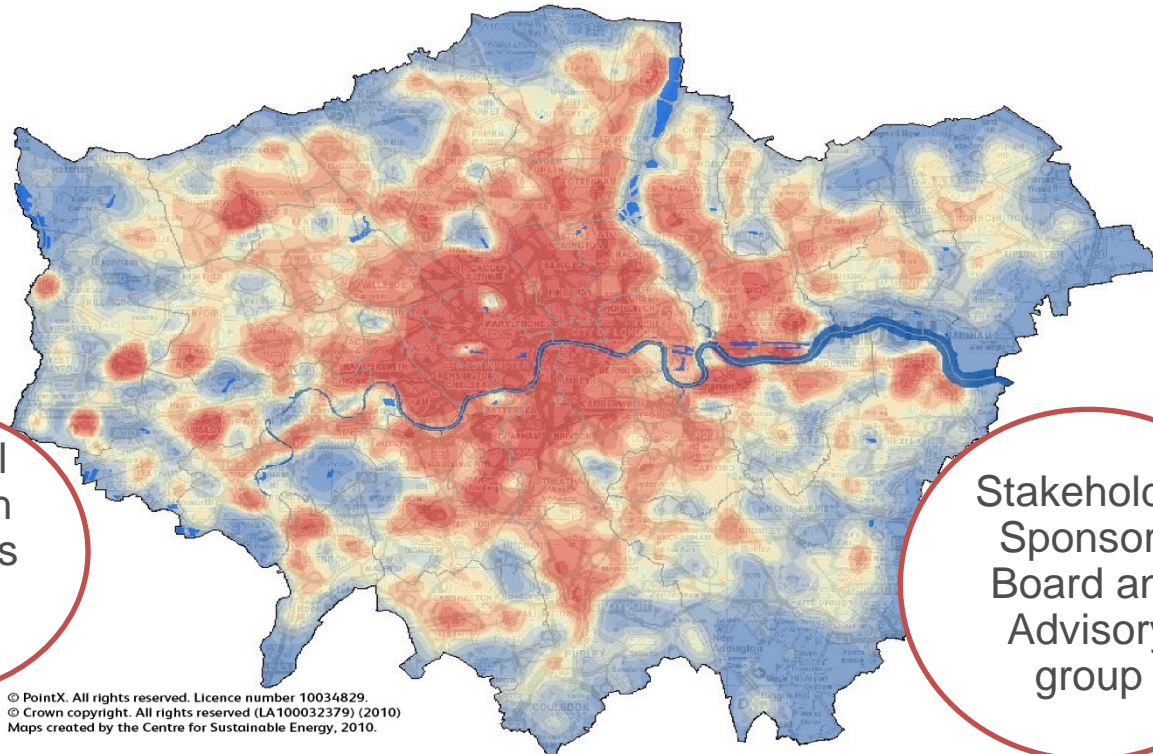


Ultra Low Emission Zone



- Centre piece of the Mayor's Air Quality Manifesto is ULEZ
- Modelling suggests ULEZ will more than halve NO_x and PM in the zone as well as reducing emissions across London
- Will help ensure more than 80% of central London meet NO₂ legal limits by 2020.
- New requirements for buses, taxis and PHVs with London-wide benefits
- Mayor confirmed ULEZ on 26th March 2015

London Energy Plan



A spatial map with scenarios and layers

Stakeholder Sponsors Board and Advisory group

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Maps created by the Centre for Sustainable Energy, 2010.

The Plan will seek to identify the most cost-effective heat and electricity infrastructure, including demand side response, to accommodate London's growing population while ensuring London's energy supply is low carbon, secure and affordable

Buildings



80 percent of London's buildings will still be standing in 2050.
Retrofitting existing buildings is essential to reducing energy bills and CO₂

RE:FIT

Mayor's award-winning procurement framework provides for the public sector to retrofit their buildings and reduce their carbon footprint. RE:FIT represents a **£63m capital investment** and has already **saved 30,000 tonnes of carbon**

RE:NEW

Designed to overcome delivery barriers and significantly increase the scale of domestic retrofit across the capital. It is supporting the **retrofit of 175,000 homes by 2017** (in addition to over half a million homes already retrofitted by RE:NEW and the wider market)

Business Energy Challenge

An awards programme for businesses to demonstrate leadership which provides the GLA with energy demand data from workplaces. Taken together, 2014 award winners **reduced their CO₂ emissions by over 80,000 tonnes** in 2013/14 compared to 2010/11

Non Road Mobile Machinery Low Emission Zone (1)



- Construction/ NRMM contributes 15% PM10 and 12% NOx in London

Introduction date (First stage)

- 1st Sep 2015

EU Standards

- NRMM 37kW 560KW variable and constant speed engines for PM/NOx:
 - Major development meet Stage IIIA of EU Directive 97/68/EC
 - All developments in Central London (CAZ) or Canary Wharf meet Stage IIIB of the Directive

Introduction date (Second stage)

- 1st Sep 2020

EU Standards

- Any site in Greater London meet Stage IIIB of the EU Directive
- Developments in CAZ or Canary Wharf meet Stage IV

Non Road Mobile Machinery Low Emission Zone (2)



Enforcement

- Requirements put in place through the planning system
- Enforcement is a responsibility for local authorities
- Enforcement and reporting will be part of borough duties as part of LLAQM

A new NRMM database

- Developing a new database to help with desk-based enforcement and to improve our understanding of what construction equipment is used in London

Training

- A number of training sessions will be held this summer for air quality officers, planners and borough enforcement personnel. Watch out for details and make sure you sign up.

Event



29th J u n e 2015

London Local Air Quality Management Consultation



- Local Air Quality Management (LAQM) is the statutory process by which a local authority is required to review the air quality within its area.
- The Mayor has set out his intention to consult on a new bespoke system for LAQM in London, in order to reflect the unique situation and challenges faced by the capital.
- The legal basis for this is the statutory power given to the Mayor under Part IV of the Environment Act 1995.
- The GLA will continue to provide support and funding to boroughs (e.g. through the Mayor's Air Quality Fund).

LLAQM Proposals



Draft plans for consultation include:

- Removal of reporting requirements for achieved pollutants in line with Defra proposals
- Single annual report with plain-English public facing executive summary
- More support for action planning:
 - a new (voluntary and flexible) template for Air Quality Action Plans (AQAPs);
 - a Matrix of possible actions for boroughs to consider including in their action plans (with case studies and quantification of benefits where possible);
 - and GLA to provide annual report on action taken by boroughs across London
- Air Quality Action Plans to be revised every 4 years
- Requirement to confirm progress is being made against all Cleaner Air Borough (CAB) criteria annually (in order to retain CAB status)

LLAQM Consultation



8 week consultation launching early June

Consultation documents:

- Outline of proposals
- New annual report and Action Plan templates
- Air Quality Action Matrix
- Impact assessment of proposals

New system to be in place by January 2016; first reports due April 2016

Mayor's Air Quality Fund



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- First round a big success – nearly £6 million on 42 projects across London
 - Second round launches today.
 - £8 million available over 3 years (2016 – 2019).
 - We will provisionally set aside approx. £2million of funding for two Low Emission Neighbourhoods (LENs); £6million for all other projects.
 - All projects require some match funding; can also combine with Defra and LIPs funding
 - Boroughs can submit solo applications for both a LEN and a standard project (and multiple partnership projects, as per last round)

Low Emission Neighbourhoods



- Boroughs may deliver a LEN on their own or work together to develop a cross-boundary LEN. Either way there must be engagement with local community and businesses.
- Seed funding of up to £25,000 will be provided for the development of a LEN application.
- To be eligible for the MAQF boroughs must have submitted all statutory reports.



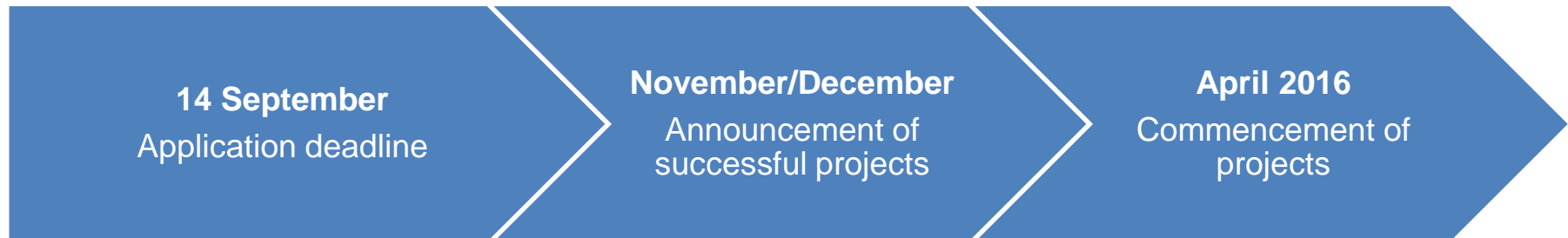
MAQF Timelines



Low Emission Neighbourhoods application process



Standard project application process



... ..Any questions?

