

| Zone code | EC code | Zone name                       | Population exposed to >40 ug/m3 NO2 (annual average) in zone (if available) | Compliance expected by? | Compliance by 2015 with Low Emission Zones scenario? | Main cities or counties in zone  | Time extension requested | Time extension granted and 2011 outcome  |
|-----------|---------|---------------------------------|---|-------------------------|--|--|--------------------------|--|
| UKG001    |         | Gibraltar                       |   |                         |  | Gibraltar  | Annual                   | LV < Annual < LV+MOT   |
| UKK001    |         | Greater London Urban Area       | 698543  | 2025                    | No   | London   | Annual                   | LV+MOT < Annual and hourly   |
| UKK002    |         | West Midlands Urban Area        | 122396  | 2020                    | No   | Birmingham, Wolverhampton, Dudley, Walsall, West Bromwich, Solihull, Stourbridge, Halesowen  | Annual                   | LV+MOT < Annual  |
| UKK003    |         | Greater Manchester Urban Area   | 11070   | 2020                    | No   | Manchester   | Annual                   | LV+MOT < Annual  |
| UKK004    |         | West Yorkshire Urban Area       | 3612  | 2020                    | No   | Leeds, Bradford, Huddersfield, Wakefield   | Annual                   | LV+MOT < Annual  |
| UKK005    | 1       | Tyneside                        | 71  | 2015                    | Yes  | Newcastle, Gateshead   | Annual                   | LV+MOT < Annual  |
| UKK006    | 2       | Liverpool Urban Area            | 1695  | 2015                    | Yes  | Liverpool  | Annual                   | LV+MOT < Annual  |
| UKK007    | 3       | Sheffield Urban Area            | 2850  | 2015                    | Yes  | Sheffield  | Annual                   | LV+MOT < Annual i.e. breached time extension   |
| UKK008    | 4       | Nottingham Urban Area           | Not available   | 2015                    | n/a  | Nottingham   | Annual                   | LV+MOT < Annual  |
| UKK009    | 5       | Nottingham Urban Area           | Not available   | 2015                    | Yes  | Bristol  | Annual                   | LV+MOT < Annual  |
| UKK010    | 6       | Brighton/Worthing/Littlehampton | Not available   | 2015                    | n/a  | Brighton and Hove  | Annual                   | LV+MOT < Annual  |
| UKK011    | 7       | Leicester Urban Area            | Not available   | 2015                    | n/a  | Leicester  | Annual                   | LV+MOT < Annual i.e. breached time extension   |
| UKK012    | 8       | Portsmouth Urban Area           | Not available   | 2015                    | n/a  | Portsmouth   | Annual                   | LV+MOT < Annual i.e. breached time extension   |
| UKK013    |         | Teesside Urban Area             | Not available   | 2020                    | No   | Middlesbrough, Stockton-on-Tees, Redcar, Billingham  | Annual                   | LV+MOT < Annual  |
| UKK014    |         | The Potteries                   | Not available   | 2020                    | No   | Stoke-on-Trent, Newcastle-under-Lyme, Kidsgrove  | Annual                   | LV+MOT < Annual  |
| UKK015    | 9       | Bournemouth Urban Area          | Not available   | 2015                    | n/a  | Bournemouth, Poole   | Annual                   | Until 1 January 2013 (amended AQ plan required)<br>LV+MOT < Annual. No time extension now possible |
| UKK016    | 10      | Reading/Wokingham Urban Area    | Not available   | 2015                    | n/a  | Reading, Wokingham   | Annual                   | Until 1 January 2013   |
| UKK017    | 11      | Coventry/Bedworth               | Not available   | 2015                    | n/a  | Coventry, Bedworth   | Annual                   | Until 1 January 2014 (amended AQ plan required)<br>LV+MOT < Annual. No time extension now possible |
| UKK018    |         | Kingston upon Hull              | 2587  | 2020                    | No   | Kingston upon Hull   | Annual                   | LV+MOT < Annual  |
| UKK019    |         | Southampton Urban Area          | 26052   | 2020                    | No   | Southampton  | Annual                   | LV+MOT < Annual  |
| UKK020    | 12      | Birkenhead Urban Area           | Not available   | 2015                    | n/a  | Birkenhead   | Annual                   | LV+MOT < Annual  |
| UKK021    | 13      | Southend Urban Area             | Not available   | 2015                    | n/a  | Southend   | Annual                   | LV+MOT < Annual  |
| UKK022    |         | Blackpool Urban Area            | Not available   | Compliant               | n/a  | Blackpool  | n/a                      | LV+MOT < Annual  |
| UKK023    | 14      | Preston Urban Area              | Not available   | 2015                    | n/a  | Preston  | Annual                   | Annual < LV  |
| UKK024    |         | Glasgow Urban Area              | Not available   | 2020                    | No   | Glasgow  | Annual                   | LV+MOT < Annual and hourly   |
| UKK025    | 15      | Edinburgh Urban Area            | Not available   | 2015                    | n/a  | Edinburgh  | Annual                   | LV < Annual < LV+MOT   |
| UKK026    | 16      | Cardiff Urban Area              | Not available   | 2015                    | n/a  | Cardiff  | Annual                   | LV < Annual < LV+MOT   |
| UKK027    | 17      | Swansea Urban Area              | Not available   | 2015                    | n/a  | Swansea  | Annual                   | LV+MOT < Annual  |
| UKK028    | 18      | Belfast Metropolitan Urban Area | Not available   | 2015                    | n/a  | Belfast  | Annual                   | LV+MOT < Annual  |
| UKK029    |         | Eastern                         | 3131  | 2020                    | No   | Essex, Hertfordshire, Bedfordshire, Cambridgeshire, Norfolk and Suffolk                      | Annual                   | LV+MOT < Annual  |
| UKK030    | 19      | South West                      | 3700  | 2015                    | n/a  | Gloucestershire, Somerset, Dorset, Wiltshire, Devon, Cornwall                                | Annual                   | LV+MOT < Annual  |
| UKK031    |         | South East                      | 9570  | 2020                    | No   | Berkshire, Buckinghamshire, East Sussex, Hampshire, Isle of Wight, Kent, Oxfordshire, Surrey | Annual and hourly        | LV+MOT < Annual and hourly   |
| UKK032    |         | East Midlands                   | 17033   | 2020                    | No   | Nottinghamshire, Derbyshire, Leicestershire, Rutland, Northamptonshire                       | Annual                   | LV+MOT < Annual  |
| UKK033    |         | North West & Merseyside         | 5698  | 2020                    | No   | Cumbria, Lancashire, Greater Manchester, Merseyside and Cheshire                             | Annual                   | LV+MOT < Annual  |
| UKK034    |         | Yorkshire & Humber              | 3809  | 2020                    | No   | Yorkshire, Humberside  | Annual                   | LV+MOT < Annual  |
| UKK035    |         | West Midlands                   | 11135   | 2020                    | No   | Shropshire, Herefordshire, Staffordshire, Warwickshire and Worcestershire                    | Annual                   | LV+MOT < Annual  |
| UKK036    |         | North East                      | 1414  | 2020                    | No   | Northumberland, County Durham and Tyne and Wear  | Annual                   | LV+MOT < Annual  |
| UKK037    | 20      | Central Scotland                | Not available   | 2015                    | n/a  | Falkirk  | Annual                   | LV < Annual < LV+MOT   |
| UKK038    | 21      | North East Scotland             | 181   | 2015                    | n/a  | Perth, Aberdeen  | Annual and hourly        | LV+MOT < Annual  |
| UKK039    |         | Highland                        | Not available   | Compliant               | n/a  | Fort William   | n/a                      | Annual < LV  |
| UKK040    |         | Scottish Borders                | Not available   | Compliant               | n/a  | Dunfermline  | n/a                      | Annual < LV  |
| UKK041    | 22      | South Wales                     | 749   | 2020                    | No   | Port Talbot, Newport   | Annual*                  | LV+MOT < Annual  |
| UKK042    | 23      | North Wales                     | Not available   | 2015                    | n/a  | Newtown  | Annual                   | LV+MOT < Annual i.e. breached time extension   |
| UKK043    | 24      | Northern Ireland                | Not available   | 2015                    | n/a  | Derry, Belleek   | Annual                   | Until 1 January 2014 (amended AQ plan required)<br>LV+MOT < Annual. No time extension possible     |

Notes

- In non-compliant air quality assessment zones at least part of the zone does not comply with the NO2 annual mean limit value
- Data on population exposure from 2010 Defra report to the European Commission ([http://odr.ec.europa.eu/gb/en/annualair/lenom/hw/1\\_ukquestionnaire\\_v6\\_2010\\_20120417.xls](http://odr.ec.europa.eu/gb/en/annualair/lenom/hw/1_ukquestionnaire_v6_2010_20120417.xls))
- Compliance forecasts produced by Defra (<http://www.defra.gov.uk/consult/files/draft-overview-doc.pdf>)
- n/a refers to the fact that the LEZ scenario has not been applied in the zone
- UK submitted its annual compliance report for 2011 on 28 September 2012 (<http://cleanairinlondon.org/sources/four-of-nine-uk-zones-have-already-breached-nitrogen-dioxide-time-extension/>)

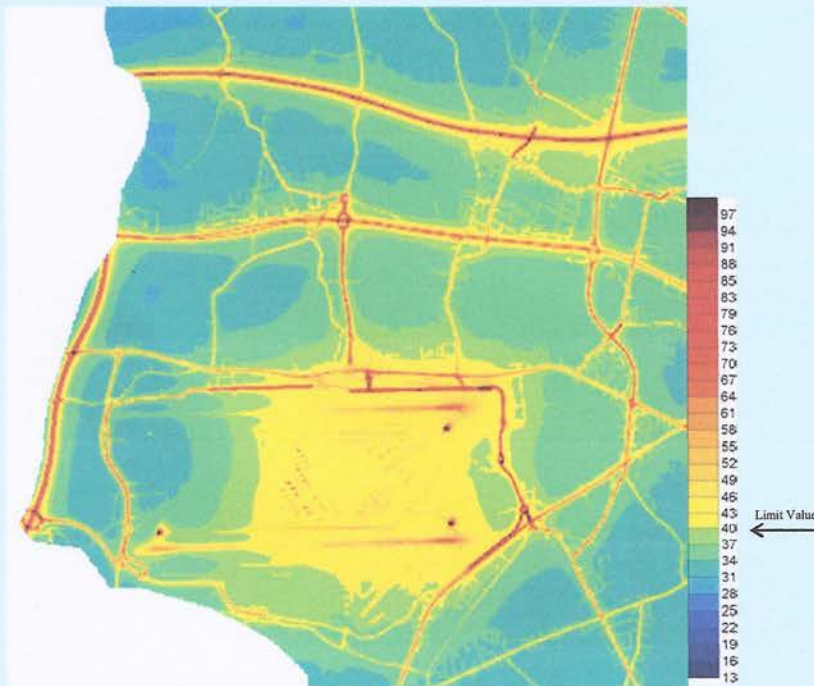
December 2010

# Clearing the air

## The Mayor's Air Quality Strategy



**MAYOR OF LONDON**



Annual mean NO<sub>2</sub> concentrations at Heathrow Airport (2008)

Heathrow has not yet reached its authorised capacity, serving 66 million passengers per annum (mppa) in 2009. This is predicted to rise to 80mppa by 2015 when Terminal 5 becomes fully operational. This could have a significant adverse impact on local NO<sub>x</sub> emissions and concentrations of NO<sub>2</sub> close to the airport and surrounding roads without strong and appropriate mitigation measures.

# Red Tape Challenge – Environment Theme proposals

March 2012

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## Introduction

The Environment theme has been open for comment since April 2011, with a ‘spotlight’ period in September 2011. Following a vigorous challenge process incorporating the 3,500 crowd-sourced comments and inbox submissions, views from our Sounding Board of environmental organisations and business representatives, as well as views from a separate panel of businesses, we are pleased to announce the results.

Of 255 regulations, 132 will be improved, mainly through simplification or consolidation; 70 will be kept as they are, to uphold important environmental protections; and 53 obsolete regulations will be removed. There will also be a new drive to introduce smarter implementation on the ground.

**Please note: Many of these proposals are subject to further public or stakeholder consultation**

## Air Quality and Industrial Emissions

**You told us that air quality legislation should be simplified and that action to improve air quality should be taken by those with relevant powers to address the key issues. You also said that the Clean Air Act is out of date and certain smoke control regulations are no longer needed.**

We agree that our air quality legislation needs an overhaul. Over the next year we will review the impact of existing legislation, including the Clean Air Act, and then consult on our findings. We will look to reduce burdens on business and local authorities by:

- Focusing local air quality requirements on those that are essential to ensure compliance with EU targets.
- Reviewing the role and responsibilities of local authorities to help ensure that action is taken by those with relevant powers to address the key issues (e.g. transport emissions).
- Reviewing the role of transport measures in meeting air quality targets, including the consistency in approach across local areas. In taking this forward Defra will work closely with other relevant departments, especially the Department for Transport and Department of Health.
- Reviewing the Clean Air Act and associated regulations to identify which measures are redundant and which can be modernised to help local authorities meet EU air quality targets and help reduce costs for businesses. The first merger of smoke control regulations will come into force in April.
- Consolidating Air Quality Standards Regulations to simplify the regulatory landscape.

Table 1 shows initial thoughts on which regulations are no longer needed and which could be improved through consolidation and simplification.

Working in partnership with other Member States, we will also use the European Commission review of air quality legislation, expected in 2013, to seek:

- Amendments to the Air Quality Directive which reduce the infraction risk faced by most Member States, especially in relation to nitrogen dioxide provisions.
- Simplifications to the legal framework (e.g. through reducing requirements for Member States) to reduce costs and administrative burdens to local authorities and businesses whilst maintaining or improving health and ecosystem protection.
- Requirements that are strictly proportional to evidence on costs and benefits.

# Red Tape Challenge - Environment Theme Implementation Plan

September 2012

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# Annex: Table 1 – Environment Theme Implementation Plan Summary

## Air Quality

| Target date of implementation | Proposal   | Title of relevant SI or Act   | Origin          | Consultation due date  |
|-------------------------------|--|---|-----------------|--|
| Implemented                   | Consolidate the five Smoke Control Areas (Authorised Fuels) Regulations into one instrument.   | The Smoke Control Areas (Authorised Fuels) (England) Regulations 2001 and Amendments from 2002, 2005, 2006 and 2007                     | Domestic        | N/A  |
| Implemented                   | Consolidate the four Regulations when transposing a minor derogatory amendment to the Paint Products Directive.  | The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2005 and Amendments from 2009 and 2010 | EU              | N/A  |
| April 2013                    | Simplify the arrangements so the required performance of fuels is specified rather than a list of fuels.   | The Smoke Control Areas (Authorised Fuels) (England) Regulations 2001 and Amendments from 2002, 2005, 2006 and 2007                     | Domestic        | September 2012   |
| April 2013                    | Simplify the arrangements so that the required performance of fireplaces is specified rather than a list of individual fireplaces.   | The Smoke Control Areas (Exempted Fireplaces) (England) Order 2011  | Domestic        | September 2012   |
| April 2013                    | Streamline applications and permits and reduce business charges for up to 20 industry sectors.   | Environmental Permitting (England and Wales) Regulations 2010   | EU and Domestic | Different dates for different sectors                                |
| October 2013                  | Amend the Act to remove the requirement for Further Assessments.   | Environment Act 1995  | Domestic        | Unsure at present  |
| October 2013                  | Review the impact of the Clean Air Act and associated regulations and consult on findings. Defra will look to reduce burdens on business and local authorities (LAs) by identifying which measures are redundant and which can be modernised to a) help LAs meet EU air quality targets and b) help reduce costs for businesses. | N/A   | EU and Domestic | Options consultation May 2013<br>Regulations late 2013 or early 2014 |

| Target date of implementation  | Proposal  | Title of relevant SI or Act   | Origin   | Consultation due date |
|--|---|---|----------|-----------------------|
| October 2013   | Remove the Regulations as they have been superseded by Environmental Permitting Regulations 2010.   | The Pollution Prevention and Control (Unauthorised Part B Processes) (England and Wales) Regulations 2004 | EU       | N/A                   |
| October 2013   | Remove the Regulations as they are now obsolete.  | The Control of Industrial Air Pollution (Transfer of Powers of Enforcement) Regulations 1987              | Domestic | N/A                   |
| October 2013   | Remove the Regulations. They refer to the Alkali Act 1906 and Section 19 of the Health and Safety at Work etc. Act 1974 which were repealed in 1999.  | Clean Air Enactments (Repeals and Modifications) Regulations 1974   | Domestic | N/A                   |
| October 2013   | Remove the Regulations, as they have been superseded by the Environmental Protection Regulations 2010.  | Control of Asbestos in the Air Regulations 1990   | Domestic | N/A                   |
| Commission unlikely to put forward legislative proposals for ambient air quality until late 2013 at the earliest | Working in partnership with other Member States (MSs), use the EC review of air quality legislation to seek amendments to the Air Quality Directive which reduce the infraction risk faced by most MSs, especially in relation to nitrogen dioxide provisions; simplifications to the legal framework (e.g. through reducing requirements for MSs) to reduce costs and administrative burdens to local authorities and businesses whilst maintaining or improving health and ecosystem protection; requirements that are strictly proportional to evidence on costs and benefits. | N/A   | EU       | N/A                   |
| Hopefully by end 2013 (Depends on EU)  | The Commission has adopted a draft Directive to amend Directive 1999/32/EC which includes provisions to delegate decisions on what is to be included in annual reports to the Commission. We see no value in this and we are in discussion with DfT (who lead on this) on means to resist or temper this proposal.  | Sulphur Content of Liquid Fuels (England and Wales) Regulations 2007                                      | EU       | N/A                   |



| Target date of implementation | Proposal  | Title of relevant SI or Act  | Origin          | Consultation due date   |
|-------------------------------|---|--|-----------------|---|
| October 2014                  | Review existing local air quality legislation to focus requirements on those that are essential to ensure compliance with EU targets. Review the role and responsibilities of local authorities to help ensure that action is taken by those with relevant powers to address the key issues (e.g. transport emissions). Review the role of transport measures in meeting air quality targets, including the consistency in approach across local areas, working with other relevant departments, especially DfT and DH. Consolidate Air Quality Standards Regulations to simplify the regulatory landscape. | N/A  | EU and Domestic | Options consultation May 2013 Regulations late 2013 or early 2014 |
| October 2014                  | Merge the Air Quality (England) (Amendment) Regulations 2002 with the Air Quality Standards Regulations 2010. This will allow us, for instance, to realign local authority duties towards limit values rather than objectives, bring attainment dates for certain pollutants into alignment, and achieve a more transparent approach to implementing EU legislation.  | Air Quality (England) (Amendment) Regulations 2002 and the Air Quality Standards Regulations 2010  | Domestic        | Options consultation May 2013 Regulations late 2013 or early 2014 |
| December 2014                 | Review the impact of the Clean Air Act, and consult on findings. Look to reduce burdens on business and local authorities by reviewing the Clean Air Act and associated regulations to identify which measures are redundant and which can be modernised to help local authorities meet EU air quality targets and help reduce costs for businesses. It is likely that more than one legislative vehicle will be used.  | Clean Air Act and regulated Regulations: Dark Smoke (Permitted Periods) Regulations 1958; Clean Air (Emission of Dark Smoke) (Exemption) Regulations 1969; Clean Air (Emission of Grit and Dust from Furnaces) Regulations 1971; Clean Air (Measurement of Grit and Dust from Furnaces) Regulations 1971; Clean Air (height of chimneys) (exemption) regulations 1969; Control of Atmospheric Pollution (Research and Publicity) Regulations 1977; Control of Atmosphere Pollution (Appeals) Regulations 1977; Dark Smoke (Permitted Periods) (Vessels) Regulations 1958 | EU and Domestic | May 2013  |
| January 2015                  | Merge to simplify the regulatory landscape.   | The Environment Protection (Controls on Ozone-Depleting Substances) Regulations 2011 and the Ozone Depleting Substances (Qualifications) Regulations 2009  | EU              | N/A   |
| April 2015                    | Work with the Department of Health and directors of public health to raise awareness about the health impacts of air pollution and change behaviours in areas such as transport and biomass burning to improve air quality. <sup>1</sup>  | N/A  | N/A             | N/A   |

<sup>1</sup> Work is in scoping stage. Timeline will be available when scoping is completed.