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# Air Quality Plan for the achievement of EU air quality limit values for nitrogen dioxide (NO<sub>2</sub>) in North West & Merseyside (UK0033)

September 2011



Llywodraeth Cymru  
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# Contents

1. Introduction.....	4
1.1. This document.....	4
1.2. Context.....	4
1.3. Zone status.....	4
1.4. Plan structure .....	4
2. General Information about the Zone .....	6
2.1. Administrative information.....	6
2.2. Assessment details .....	9
2.3. Reporting Under European Directives .....	9
3. Overall Picture for 2008 reference year .....	11
3.1. Introduction.....	11
3.2. Reference year: NO <sub>2</sub> _UK0033_Annual_1 .....	11
4. Measures.....	16
4.1. Introduction.....	16
4.2. Source apportionment.....	16
4.3. Measures.....	16
4.4. Measures timescales .....	16
5. Baseline Model Projections.....	18
5.1. Overview of model projections .....	18
5.2. Baseline projections: NO <sub>2</sub> _UK0033_Annual_1 .....	18
6. Projections including the impact of the low emissions zone (LEZ) scenario .....	25
6.1. Overview of model projections .....	25
6.2. LEZ scenario projections: NO <sub>2</sub> _UK0033_Annual_1 .....	27

# 1. Introduction

## 1.1. This document

This document is the North West & Merseyside (UK0033) air quality plan for the achievement of the EU air quality limit values for nitrogen dioxide (NO<sub>2</sub>).

This plan presents the following information:

- General information regarding the North West & Merseyside non-agglomeration zone
- Details of NO<sub>2</sub> exceedance situation(s) within the North West & Merseyside non-agglomeration zone
- Details of local air quality measures that have been implemented, will be implemented or are being considered for implementation in this non-agglomeration zone.

This air quality plan for North West & Merseyside should be read in conjunction with the separate UK overview document and the list of UK and national measures that are available on the Defra website (<http://www.defra.gov.uk/environment/quality/air/air-quality/eu/>). The UK overview document sets out, amongst other things, the authorities responsible for delivering air quality improvements and the national measures that are applied in some or all UK zones. The measures presented in this plan and the accompanying UK overview and list of UK measures show how the UK will ensure that compliance with the NO<sub>2</sub> limit values is achieved as soon as possible.

This plan should also be read in conjunction with the supporting UK technical report (<http://www.defra.gov.uk/environment/quality/air/air-quality/eu/>), which presents information on assessment methods, input data and emissions inventories used in the analysis presented in this plan.

## 1.2. Context

Two NO<sub>2</sub> limit values for the protection of human health have been set in the Air Quality Directive (2008/50/EC). These are:

- The annual limit value: an annual mean concentration of no more than 40 µg m<sup>-3</sup>
- The hourly limit value: no more than 18 hourly exceedances of 200 µg m<sup>-3</sup> in a calendar year

The Air Quality Directive stipulates that compliance with the NO<sub>2</sub> limit values will be achieved by 01/01/2010. However, where the limit values cannot be achieved by then, the Directive also allows Member States to postpone this attainment date until 01/01/2015 provided air quality plans are established demonstrating how the limit values will be met by this extended deadline.

## 1.3. Zone status

The assessment undertaken for the North West & Merseyside non-agglomeration zone indicates that the annual limit value is likely to be exceeded in 2010 and in 2015 but achieved by 2020 through introduction of measures included in the baseline modelling, a low emission zone (LEZ) scenario (if applied) and the non-quantifiable local measures outlined in this plan.

The assessment undertaken for the North West & Merseyside non-agglomeration zone indicates that the hourly limit value not exceeded in this non-agglomeration zone in 2008.

## 1.4. Plan structure

General administrative information regarding this non-agglomeration zone is presented in section 2.

Section 3 then presents the overall picture with respect to NO<sub>2</sub> levels in this non-agglomeration zone for the 2008 reference year of this air quality plan. This includes the declaration of exceedance situations within the non-agglomeration zone and presentation of a detailed source apportionment for each exceedance situation.

An overview of the measures already taken and to be taken within the non-agglomeration zone both before and after 2010 is given in section 4.

Baseline modelled projections for 2010, 2015 and 2020 for each exceedance situation are presented in section 5. The baseline projections presented here include, where possible, the impact of measures that have already been taken and measures for which the relevant authority has made a firm commitment to take the measure(s). However, it has not been possible to quantify the impact of all measures. This section therefore also explains which measures have been quantified, and hence included in the model projections, and which measures have not been quantified.

Details of an LEZ scenario under consideration as part of our investigation of additional measures to achieve the NO<sub>2</sub> limit values is presented in section 6.

## 2. General Information about the Zone

### 2.1. Administrative information

Zone name: North West & Merseyside

Zone code: UK0033

Type of zone: non-agglomeration zone

Reference year: 2008

Extent of zone: Figure 1 shows the area covered by the North West & Merseyside non-agglomeration zone

Local Authorities within the non-agglomeration zone: Figure 2 shows the location of Local Authorities within the non-agglomeration zone. A list of these Local Authorities is also given below. The numbers in this list correspond to the numbers in Figure 2.

1. Allerdale Borough Council
2. Barrow in Furness Borough Council
3. Blackburn with Darwen Borough Council
4. Blackpool Borough Council
5. Bolton Metropolitan Borough Council
6. Burnley Borough Council
7. Bury Metropolitan Borough Council
8. Carlisle City Council
- Cheshire East Council (formerly 9. Congleton District Council, 10. Crewe & Nantwich District Council and 11. Macclesfield District Council)
- Cheshire West and Chester Council (formerly 12. Chester District Council, 13. Ellesmere Port and Neston District Council and 14. Vale Royal District Council)
15. Chorley Borough Council
16. Copeland Borough Council
17. Eden District Council
18. Fylde Borough Council
19. Halton Borough Council
20. Hyndburn Borough Council
21. Knowsley Metropolitan Borough Council
22. Lancaster City Council
23. Liverpool City Council
24. Manchester City Council
25. Oldham Metropolitan Borough Council
26. Pendle Borough Council
27. Preston City Council
28. Ribble Valley Borough Council
29. Rochdale Metropolitan Borough Council
30. Rossendale Borough Council
31. Salford City Council
32. Sefton Council
33. South Lakeland District Council
34. South Ribble Borough Council
35. St Helens Metropolitan Borough Council
36. Stockport Metropolitan Borough Council
37. Tameside Metropolitan Borough Council
38. Trafford Metropolitan Borough Council
39. Warrington Borough Council
40. West Lancashire District Council
41. Wigan Metropolitan Borough Council
42. Wirral Metropolitan Borough Council
43. Wyre Borough Council

(Note: Local Authority boundaries do not necessarily coincide with zone boundaries. Hence Local Authorities may be listed within more than one zone plan.)







## 2.2. Assessment details

### Measurements

NO<sub>2</sub> measurements in this zone were available in 2008 from the following national network monitoring stations (NO<sub>2</sub> data capture for each station in 2008 shown in brackets):

- Carlisle Roadside GB0925A (85.5%)
- Glazebury GB0034R (48.7%)
- Warrington GB0958A (16.6%)
- Wigan Centre GB0864A (98.9%)

Full details of monitoring stations within the North West & Merseyside non-agglomeration zone are available from <http://uk-air.defra.gov.uk/networks/network-info?view=aurun>.

### Modelling

Modelling for the 2008 reference year has been carried out for the whole of the UK (see the UK technical report). This modelling covers the following extent within this zone:

- Total background area within zone (approx): 14137 km<sup>2</sup>
- Total population within zone (approx): 3503815 people
- Total road length where an assessment of NO<sub>2</sub> concentrations have been made: 970.7 km in 2008 (and similar lengths in previous years).

### Zone maps

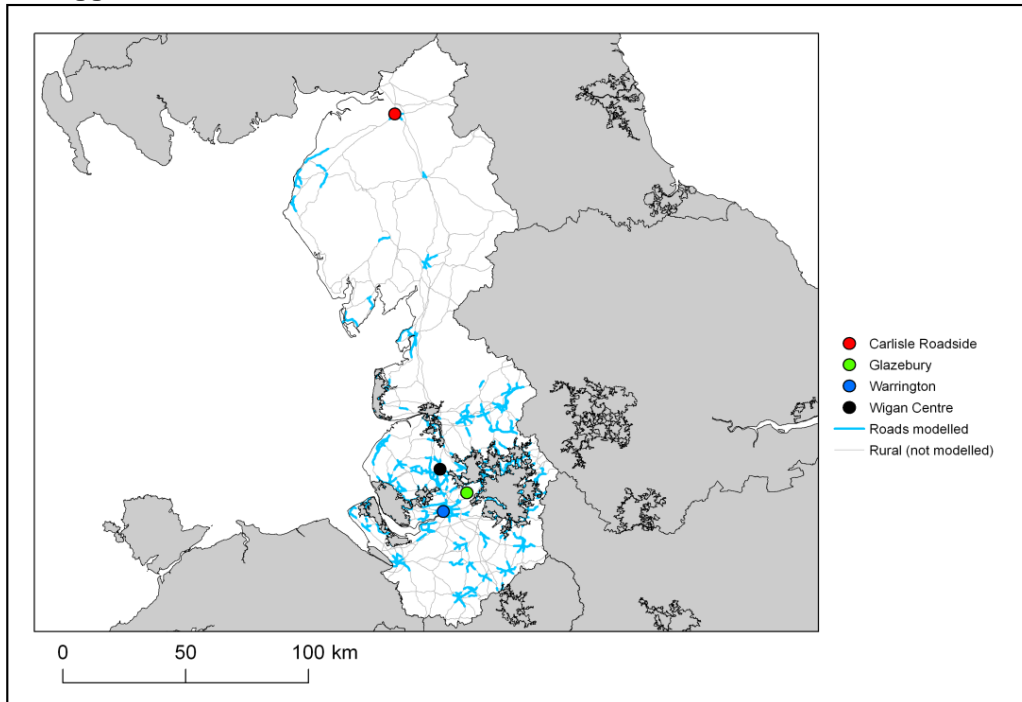
Figure 3 presents the location of the NO<sub>2</sub> monitoring stations within this zone for 2008 and the roads for which NO<sub>2</sub> concentrations have been modelled. NO<sub>2</sub> concentrations at background locations have been modelled across the entire zone at a 1 x 1 km<sup>2</sup> resolution.

## 2.3. Reporting Under European Directives

Since 2001 the UK has reported annually on air quality concentrations using a standard excel questionnaire (Decision 2004/461/EC). These questionnaires are available online from <http://cdr.eionet.europa.eu/gb/eu/annualair>

In addition, the UK has reported on air quality plans and programmes (Decision 2004/224/EC) on an annual basis depending on the reported concentrations in the previous year. Plans and programmes were first reported in this zone in 2003. Plans and programmes for 2003 and all other years for which they have been required are available from <http://cdr.eionet.europa.eu/gb/eu/aqpp>.

**Figure 3. Map showing the location of the NO<sub>2</sub> monitoring sites with valid data in 2008 and roads where concentrations have been modelled within the North West & Merseyside (UK0033) non-agglomeration zone.**



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## 3. Overall Picture for 2008 reference year

### 3.1. Introduction

There are two limit values for the protection of health for NO<sub>2</sub>. These are:

- The annual limit value (annual mean concentration of no more than 40 µg m<sup>-3</sup>)
- The hourly limit value (no more than 18 hourly exceedances of 200 µg m<sup>-3</sup> in a calendar year)

Within the North West & Merseyside non-agglomeration zone only the annual limit value was exceeded in 2008. Hence, one exceedance situation for this zone has been defined, NO<sub>2</sub>\_UK0033\_Annual\_1, which covers the exceedance of the annual limit value. This exceedance situation is described below.

For both NO<sub>2</sub> limit values, a margin of tolerance for 2008 and other years has been defined in the Air Quality Directive (2008/50/EC). Data comparing assessed concentrations at locations within this non-agglomeration zone with the 2008 margin of tolerance are presented in the annual reporting questionnaire for 2008 (<http://cdr.eionet.europa.eu/gb/eu/annualair>).

### 3.2. Reference year: NO<sub>2</sub>\_UK0033\_Annual\_1

The NO<sub>2</sub>\_UK0033\_Annual\_1 exceedance situation covers all exceedances of the annual mean limit value in the North West & Merseyside non-agglomeration zone in 2008.

Compliance with the annual limit value in this exceedance situation has been assessed using a combination of air quality measurements and modelling. Table 1 presents measured annual mean concentrations at national network stations in this exceedance situation since the 1st Daughter Directive (1999/30/EC) came into force in 2001. This shows that there were no measured exceedances of the annual limit value in this zone in 2008. Table 2 summarises modelled annual mean NO<sub>2</sub> results in this exceedance situation for the same time period. This table shows that, in 2008, 209.7 km of road length was modelled to exceed the annual limit value. There were no modelled background exceedances of this limit value. Table 2 also shows that the maximum modelled annual mean NO<sub>2</sub> concentration in 2008 was 87.3 µg m<sup>-3</sup>. Maps showing the modelled annual mean NO<sub>2</sub> concentrations for 2008 at background and at roadside locations are presented in Figures 4 and 5 respectively. All modelled exceedances of the annual limit value are coloured orange or red in these maps.

The maximum measured concentration in the zone varies due to changes emissions and varying meteorology in different years. However, the models are also updated each year to take into account the most up-to-date science, so the modelled results for different years may not be directly comparable.

The modelling carried out for this exceedance situation has also been used to determine the annual mean NO<sub>x</sub> source apportionment for all modelled locations, along with an indicative annual mean NO<sub>2</sub> source apportionment. Table 3 presents summary source apportionment information in this exceedance situation for 2008, including:

- The modelled NO<sub>x</sub> and indicative NO<sub>2</sub> source apportionment for the section of road with the highest modelled NO<sub>2</sub> concentration in this exceedance situation in 2008. This is important information because it shows which sources need to be tackled at the point with the largest compliance gap in the exceedance situation. It is not possible to calculate an unambiguous source apportionment for annual mean NO<sub>2</sub> concentrations for the reasons discussed in the UK Technical Report. We have, however, developed a method to provide an indicative source apportionment for annual mean NO<sub>2</sub> concentrations for these air quality plans. This method involves calculating the maximum and minimum possible contribution from each source to the NO<sub>2</sub> concentration. The final source apportionment has been calculated as the average of the minimum and maximum contributions for each source, with the results normalised so that the contributions sum to the total modelled NO<sub>2</sub> concentration. Further information on the methods used for source apportionment are provided in the UK Technical Report.

- The maximum NO<sub>x</sub> contribution from each source from across all the roads included in this exceedance situation in 2008. This is important information because it highlights all the key sources that need to be tackled within the exceedance situation in order to achieve compliance across the entire area of the exceedance situation.

Figure A1.1 in Annex 1 presents the annual mean NO<sub>x</sub> source apportionment for each section of road within the NO<sub>2</sub>\_UK0033\_Annual\_1 exceedance situation (i.e. the source apportionment for all exceeding roads only) in 2008. Roads have been grouped into motorways, trunk roads and primary road in this figure.

**Table 1. Measured annual mean concentrations at national network stations in NO<sub>2</sub>\_UK0033\_Annual\_1 for 2001 onwards, µgm<sup>-3</sup>. (Data capture shown in brackets) (a)**

Site name (EOI code)	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carlisle Roadside (GB0925A)								32 (86%)	31 (90%)
Glazebury (GB0034R)				17.7 (87%)	17.8 (92%)	17 (97%)	18.3 (97%)	17.3 (49%)	16 (94%)
Warrington (GB0958A)								33 (17%)	23 (96%)
Wigan Centre (GB0864A)				34 (22%)	25 (98%)	26 (97%)	22 (96%)	24 (99%)	24 (99%)
Wigan Leigh (GB0736A)	37 (97%)	30 (98%)	31 (92%)	25 (71%)					
Blackburn Darwen Roadside (GB0961A)									25 (52%)

(a) Annual Mean Limit Value = 40 µgm<sup>-3</sup>

**Table 2. Annual mean NO<sub>2</sub> model results in NO<sub>2</sub>\_UK0033\_Annual\_1 for 2001 onwards**

	2001	2002	2003	2004	2005	2006	2007	2008	2009
Road length exceeding (km)	333.9	193.2	430.5	256.0	252.0	243.9	279.1	209.7	75.4
Background area exceeding (km <sup>2</sup> )	121	5	29	0	0	0	0	0	0
Maximum modelled concentration (µgm <sup>-3</sup> ) (a)	74.7	67.8	89.2	74.1	81.9	79.2	84.8	87.3	84.1

(a) Annual Mean Limit Value = 40 µgm<sup>-3</sup>

**Table 3. Source apportionment summary information for 2008 in NO<sub>2</sub>\_UK0033\_Annual\_1 (µgm<sup>-3</sup>).**

Spatial scale	Component	Highest road link (a)		Maximum (b)
		NOx	NO2 (d)	NOx
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	Total	7.2	(c)	
	From within the UK	4.5	(c)	4.7
	From transboundary sources (includes shipping and other EU Member States)	2.7	(c)	3.7
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	Total	35.3	18.0	-
	From road traffic sources	28.9	5.6	38.8
	From industry (including heat and power generation)	1.9	(c)	28.2
	From agriculture	0.0	(c)	0.0
	From commercial/residential sources	2.3	(c)	7.5
	From shipping	0.0	(c)	1.8
	From off road mobile machinery	1.9	(c)	25.4
	From natural sources	0.0	(c)	0.0
	From transboundary sources	0.0	(c)	0.0
	From other urban background sources	0.3	(c)	14.1
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	Total	167.0	69.3	-
	From cars	31.2	14	53.6
	From HGV rigid	22.5	9.5	36.1
	From HGV articulated	97.5	38.1	97.5
	From Buses	3.3	1.4	42.4
	From LGVs	12.5	6.2	14.7
	From motorcycles	0.1	0	0.3
Total (i.e. regional background + urban background + local components)		209.5	87.3	-

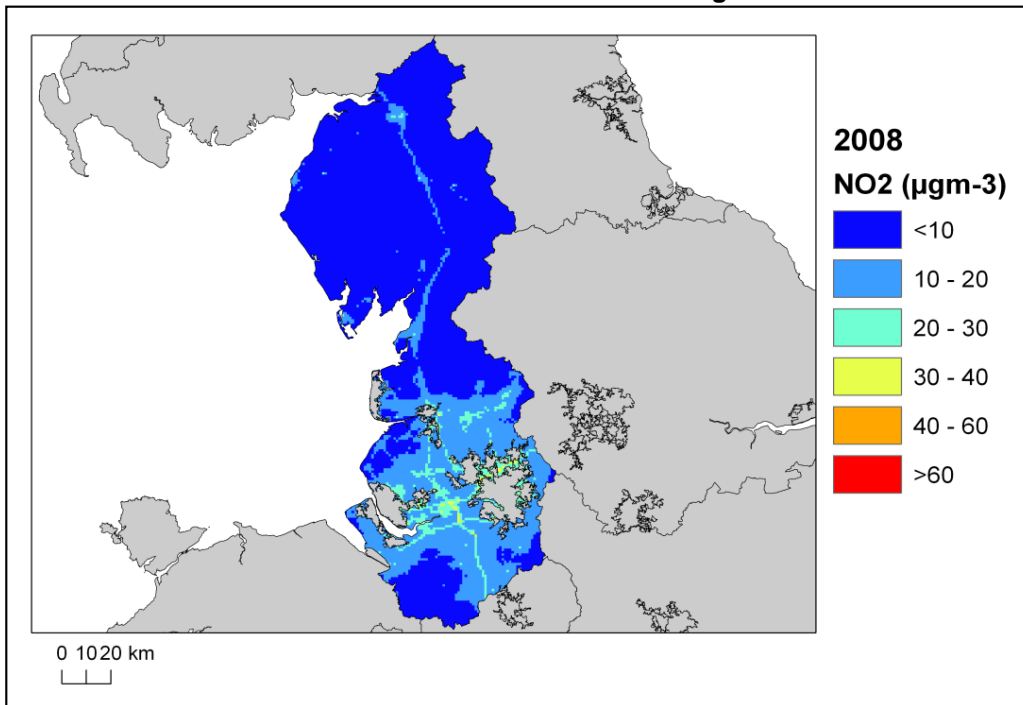
(a) The road with the highest modelled annual mean NO<sub>2</sub> concentration in this exceedance situation in 2008 is a section of the M62, traffic count point id 26054 (OS grid (m): 394240, 413200).

(b) This column gives the maximum contribution for each component from all the roads included in the exceedance situation.

(c) The combined modelled annual mean NO<sub>2</sub> concentration contribution for these components is 12.4 µgm<sup>-3</sup>. A more detailed NO<sub>2</sub> source apportionment is currently unavailable for these sectors.

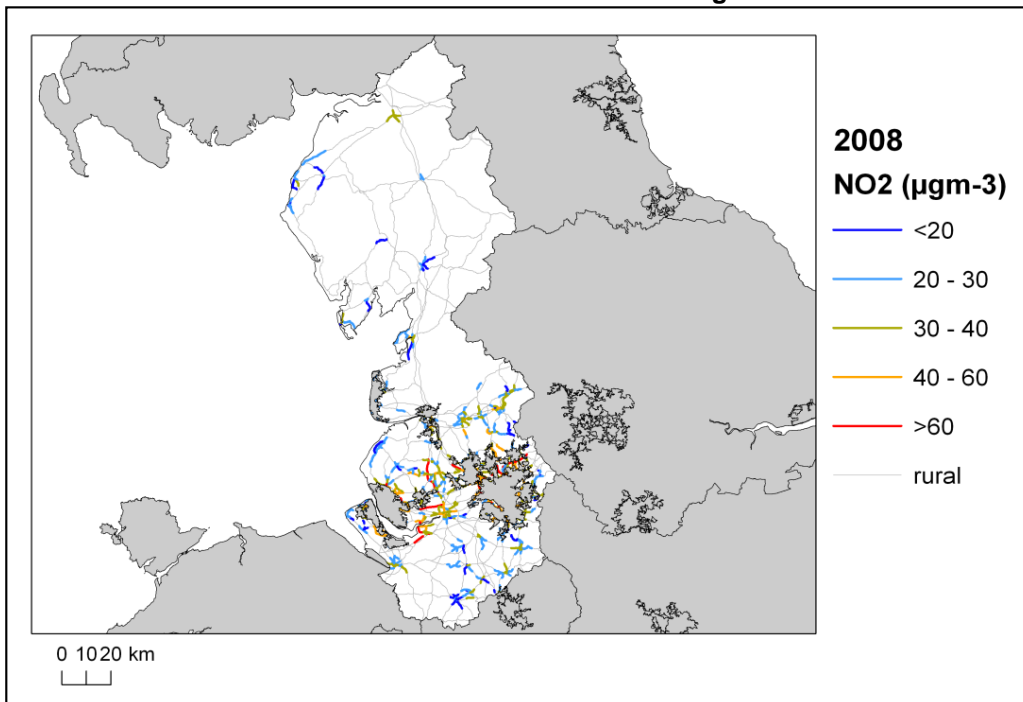
(d) Source apportionment for NO<sub>2</sub> is indicative, see UK Technical Report.

**Figure 4. Map of modelled background annual mean NO<sub>2</sub> concentrations 2008. Modelled exceedances of the annual limit value are shown in orange and red.**



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**Figure 5. Map of modelled roadside annual mean NO<sub>2</sub> concentrations 2008. Modelled exceedances of the annual limit value are shown in orange and red.**



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## 4. Measures

### 4.1. Introduction

This section (section 4) gives details of measures that address exceedances of the NO<sub>2</sub> limit values within North West & Merseyside non-agglomeration zone. This includes both measures that have already been taken and measures for which there is a firm commitment that they will be taken.

Section 5 then explains the extent to which it has been possible to incorporate the impacts of these measures into the baseline modelling carried out for this assessment.

### 4.2. Source apportionment

It is important to understand which sources are responsible for causing the exceedance in order to most effectively tailor measures to address the NO<sub>2</sub> exceedance situation(s) described in section 3 above. This can be achieved by considering the source apportionment for the exceedance situation, also presented in section 3. A summary of what the source apportionment shows and the implications for which measures would therefore be appropriate is given here.

Local road traffic was the dominant source in this exceedance location in the reference year. The largest contribution was from articulated HGVs at the location of maximum exceedance with a contribution of 97.5 ug m<sup>-3</sup> of NO<sub>x</sub> out of a total of 209.5 ug m<sup>-3</sup> of NO<sub>x</sub>. Articulated HGVs were important sources on the motorway roads with the highest concentrations in this exceedance situation. All vehicle types were important sources on the trunk roads with the highest concentrations. All vehicle types were important sources on the primary roads with the highest concentrations.

This indicates that appropriate measures should impact on local road traffic sources in this zone. Other measures may also be beneficial depending on the source apportionment for the urban background.

### 4.3. Measures

Measures potentially affecting NO<sub>2</sub> in this non-agglomeration zone have been taken and/or are planned at a range of administrative levels. These are:

- European Union
- National (i.e. England, Scotland, Wales, Northern Ireland or whole UK)
- Local (i.e. UK Local Authorities)

Details of European Union measures (e.g. euro standards, fuel quality directives, integrated pollution prevention and control) can be found on the European Commission's website ([http://ec.europa.eu/environment/air/index\\_en.htm](http://ec.europa.eu/environment/air/index_en.htm)). Details of national measures are given in the UK overview document and list of UK and National measures.

Relevant Local Authority measures within this exceedance situation are listed in Table A2.1 (see Annex 2). Relevant Local Authority measures are considered to be those measures which directly target, or are in close geographical proximity to roads and/or background grid squares in exceedance of one or other of the NO<sub>2</sub> limit values. Other Local Authority measures may also have been taken in this zone, but they are not listed in this table. All the measures listed in Table A2.1 have been carried out, are in the process of being carried out or a firm commitment had been made to carry them out on the timetables listed at the point at which information on local measures was collected.

### 4.4. Measures timescales

Timescales for national measures are given in the UK overview document and list of UK and National measures.

Information on local measures was collected in autumn 2009. Hence, any Local Authority action plans and measures adopted by Local Authorities after this time have not been included in this air quality



plan. Many of the measures listed in Annex 2 will either have happened before autumn 2009 or have been planned for implementation before or during 2010. Others will be planned for after 2010. It should be noted that many of the measures taken before or during 2010 will continue to have a beneficial impact on air quality after the end of 2010.

Local Authorities report on progress with the implementation of their action plans annually and review action plan measures regularly. Where future Local Authority measures to improve air quality are under consideration these would be included in future local authority action plans and published by the local authority.

## 5. Baseline Model Projections

### 5.1. Overview of model projections

#### Baseline projections for 2010

Model projections for 2010, starting from the 2008 reference year described in section 3, have been calculated in order to determine whether compliance with the NO<sub>2</sub> limit values is likely to be achieved for each exceedance situation by the original deadline for compliance of 01/01/2010. Details of the methods used for the baseline emissions and concentration projections modelling are provided in the the UK technical report.

For national measures, it has not been possible to quantify the impact of all measures on emissions and ambient concentrations. The impact for all quantifiable measures has been included in the baseline projections.

The impacts of the individual Local Authority measures have not been explicitly included in the baseline model projections. However, measures may have been included implicitly if they have influenced the traffic counts for 2007 (used as a basis for the compilation of the emission inventory) or in the traffic activity projections to 2010 and beyond (used to calculate the emission projections). It should be recognised that these measures will have a beneficial impact on air quality, even if it has not been possible to quantify this impact here.

A number of the local measures in Table A2.1 can be considered to be 'smarter choices' measures (see <http://www.dft.gov.uk/pgr/sustainable/smarterchoices/ctwwt/> for a detailed description of this type of measure). We have quantified the impact of this group of measures on a national scale within the projections. Details of how this has been done can be found in the UK technical report. Table A2.1 indicates which local measures we have considered to be 'smarter choices'.

#### Baseline projections for 2015

Model projections for 2015, starting from the 2008 reference year described above, have been calculated in order to determine whether compliance with the NO<sub>2</sub> limit values is likely to be achieved for each exceedance situation by the revised deadline for compliance of 01/01/2015 on the basis of EU-wide measures and the measures currently planned. This modelling is described in detail in the UK technical report. Many of the measures listed in annex 2 of this document and the supporting list of UK and national measures will continue or will continue to have an impact beyond the original deadline for compliance of 01/01/2010.

### 5.2. Baseline projections: NO<sub>2</sub>\_UK0033\_Annual\_1

Table 4 presents summary results for the baseline model projections for 2010, 2015 and 2020 for the NO<sub>2</sub>\_UK0033\_Annual\_1 exceedance situation. This shows that the maximum modelled annual mean NO<sub>2</sub> concentration predicted for 2010 in this exceedance situation is 76 µgm<sup>-3</sup>. By 2015, the maximum modelled annual mean NO<sub>2</sub> concentration is predicted to drop to 47.7 µgm<sup>-3</sup>. Hence, the model results suggest that compliance with the NO<sub>2</sub> annual limit value is unlikely to be achieved by 2015 under baseline conditions in this exceedance situation.

The projected modelled NO<sub>x</sub> and indicative NO<sub>2</sub> annual mean source apportionments for 2010, 2015 and 2020 at the location with the biggest compliance gap in 2008 are presented in Table 5. In 2010 and 2015, the model results suggest that this location will continue to have the highest annual mean NO<sub>2</sub> concentration within this exceedance situation. However, in 2020 the model indicates that the location with the highest annual mean NO<sub>2</sub> concentration within this exceedance situation will be elsewhere. Information regarding the new location with the highest NO<sub>2</sub> concentration, including the source apportionment is given in Table 6. The locations of maximum concentration in each year are given in the footnote to this table. This source apportionment information is useful because it shows which sources need to be tackled at the point with the largest compliance gap in the exceedance situation.

Table 7 shows the maximum NO<sub>x</sub> contribution from each source apportionment component from any road across the whole exceedance situation. This source apportionment information is useful because

it highlights all the key sources that need to be tackled within the exceedance situation in order to achieve compliance across the entire area of the exceedance situation. It should be noted that this table only includes roads which continue to be in exceedance in the relevant year. Hence, for example, the road with the largest contribution from cars in 2010 may no longer be included in the table in 2015 if the road is predicted to be compliant in 2015.

Figures 6 and 7 show maps of projected annual mean NO<sub>2</sub> concentrations in 2010, 2015 and 2020 at background and roadside locations respectively. Maps for 2008 are also presented here for reference.

It should be noted that the baseline projections presented here include the impacts of measures, where they can be quantified, that have already been or will be implemented.

**Table 4. Annual mean NO<sub>2</sub> model results in NO<sub>2</sub>\_UK0033\_Annual\_1**

	2008	2010	2015	2020
Road length exceeding (km)	209.7	135.5	36.4	0.0
Background area exceeding (km <sup>2</sup> )	0	0	0	0
Maximum modelled concentration (µgm <sup>-3</sup> ) (a)	87.3	76.0	47.7	27.4

(a) Annual Mean Limit Value = 40 µgm<sup>-3</sup>

**Table 5. Modelled source apportionment for 2010, 2015 and 2020 under baseline conditions for traffic count point 26054 on the M62 (the road section with the maximum modelled annual mean NO<sub>2</sub> concentration in 2008 in NO<sub>2</sub>\_UK0033\_Annual\_1. OS grid (m): 394240, 413200). 2008 results are also presented here for reference (units: µgm<sup>-3</sup>).**

Spatial scale	Component	NOx				NO2 (indicative)			
		2008	2010	2015	2020	2008	2010	2015	2020
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	Total	7.2	6.2	5.4	4.3	(a)	(b)	(c)	(d)
	From within the UK	4.5	3.9	3.4	2.7	(a)	(b)	(c)	(d)
	From transboundary sources (includes shipping and other EU Member States)	2.7	2.3	2.0	1.6	(a)	(b)	(c)	(d)
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	Total	35.3	29.3	18.8	10.9	18.0	15.6	11.3	7.8
	From road traffic sources	28.9	23.3	13.9	6.7	5.6	5.2	4.6	4.3
	From industry (including heat and power generation)	1.9	1.7	1.6	1.5	(a)	(b)	(c)	(d)
	From agriculture	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
	From commercial/residential sources	2.3	2.4	2.1	1.9	(a)	(b)	(c)	(d)
	From shipping	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
	From off road mobile machinery	1.9	1.8	0.9	0.7	(a)	(b)	(c)	(d)
	From natural sources	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
	From transboundary sources	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
From other urban background sources	0.3	0.3	0.3	0.3	(a)	(b)	(c)	(d)	
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	Total	167.0	141.2	78.0	33.1	69.3	60.4	36.4	17.2
	From cars	31.2	22.8	16.4	10.8	14.0	10.9	8.3	5.8
	From HGV rigid	22.5	20.0	10.3	3.7	9.5	8.6	4.7	1.8
	From HGV articulated	97.5	84.8	42.7	13.9	38.1	34.0	18.8	7.0
	From Buses	3.3	2.9	1.7	0.8	1.4	1.3	0.8	0.4
	From LGVs	12.5	10.7	6.9	3.9	6.2	5.6	3.8	2.2
From motorcycles	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
Total (i.e. regional background + urban background + local components)		209.5	176.7	102.1	48.3	87.3	76.0	47.7	25.0

(a) The total annual mean NO<sub>2</sub> contribution for all components labelled (a) in 2008 was modelled to be 12.4 µgm<sup>-3</sup>.

(b) The total annual mean NO<sub>2</sub> contribution for all components labelled (b) in 2010 is predicted to be 10.5 µgm<sup>-3</sup>.

(c) The total annual mean NO<sub>2</sub> contribution for all components labelled (c) in 2015 is predicted to be 6.7 µgm<sup>-3</sup>.

(d) The total annual mean NO<sub>2</sub> contribution for all components labelled (d) in 2020 is predicted to be 3.5 µgm<sup>-3</sup>.

**Table 6. Modelled source apportionment for 2010, 2015 and 2020 under baseline conditions for traffic count point with the highest concentration in these years in NO<sub>2</sub>\_UK0033\_Annual\_1 (a). 2008 results are also presented here for reference (units: µgm<sup>-3</sup>).**

Spatial scale	Component	NOx				NO2 (indicative)			
		2008	2010	2015	2020	2008	2010	2015	2020
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	Total	7.2	6.2	5.4	4.1	(b)	(c)	(d)	(e)
	From within the UK	4.5	3.9	3.4	2.5	(b)	(c)	(d)	(e)
	From transboundary sources (includes shipping and other EU Member States)	2.7	2.3	2.0	1.6	(b)	(c)	(d)	(e)
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	Total	35.3	29.3	18.8	14.0	18.0	15.6	11.3	8.7
	From road traffic sources	28.9	23.3	13.9	3.5	5.6	5.2	4.6	6.9
	From industry (including heat and power generation)	1.9	1.7	1.6	5.4	(b)	(c)	(d)	(e)
	From agriculture	0.0	0.0	0.0	0.0	(b)	(c)	(d)	(e)
	From commercial/residential sources	2.3	2.4	2.1	2.5	(b)	(c)	(d)	(e)
	From shipping	0.0	0.0	0.0	1.1	(b)	(c)	(d)	(e)
	From off road mobile machinery	1.9	1.8	0.9	1.0	(b)	(c)	(d)	(e)
	From natural sources	0.0	0.0	0.0	0.0	(b)	(c)	(d)	(e)
	From transboundary sources	0.0	0.0	0.0	0.0	(b)	(c)	(d)	(e)
From other urban background sources	0.3	0.3	0.3	0.5	(b)	(c)	(d)	(e)	
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	Total	167.0	141.2	78.0	38.1	69.3	60.4	36.4	18.8
	From cars	31.2	22.8	16.4	16.5	14.0	10.9	8.3	8.2
	From HGV rigid	22.5	20.0	10.3	5.9	9.5	8.6	4.7	2.8
	From HGV articulated	97.5	84.8	42.7	7.6	38.1	34.0	18.8	3.6
	From Buses	3.3	2.9	1.7	4.0	1.4	1.3	0.8	1.9
	From LGVs	12.5	10.7	6.9	4.0	6.2	5.6	3.8	2.2
From motorcycles	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
Total (i.e. regional background + urban background + local components)		209.5	176.7	102.1	56.2	87.3	76.0	47.7	27.4

(a) The road with the maximum annual mean NO<sub>2</sub> concentration in different years is as follows. 2008: A section of the M62 (count point id 26054 ). 2010: A section of the M62 (count point id 26054 ). 2015: A section of the M62 (count point id 26054 ). 2020: A section of the A533 (count point id 27275 ). (OS grid (m): 394240, 413200; 394240, 413200; 394240, 413200; 394240, 413200).

(b) The total annual mean NO<sub>2</sub> contribution for all components labelled (b) in 2008 was modelled to be 12.4 µgm<sup>-3</sup>.

(c) The total annual mean NO<sub>2</sub> contribution for all components labelled (c) in 2010 is predicted to be 10.5 µgm<sup>-3</sup>.

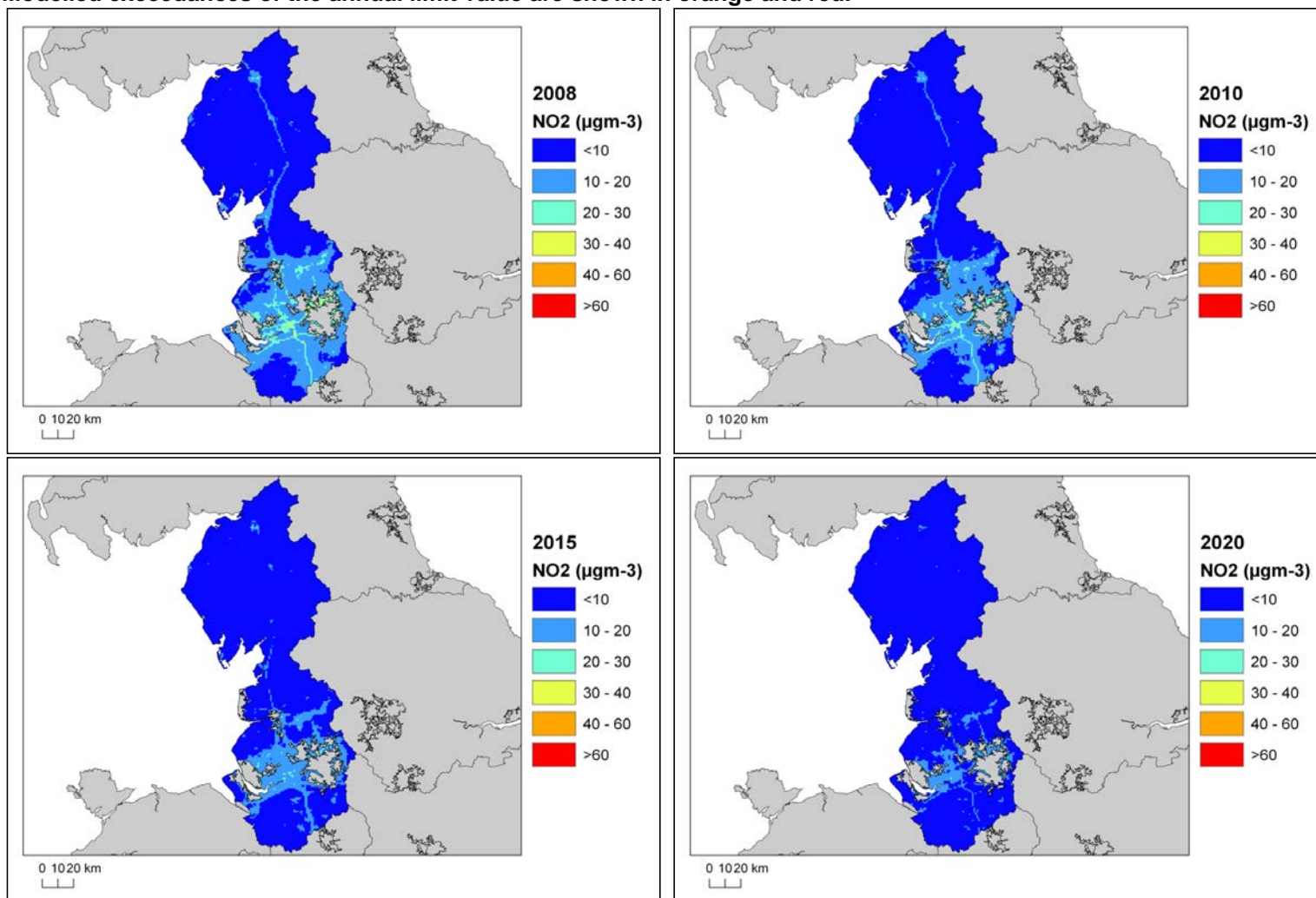
(d) The total annual mean NO<sub>2</sub> contribution for all components labelled (d) in 2015 is predicted to be 6.7 µgm<sup>-3</sup>.

(e) The total annual mean NO<sub>2</sub> contribution for all components labelled (e) in 2020 is predicted to be 1.8 µgm<sup>-3</sup>.

**Table 7. The maximum NO<sub>x</sub> contribution from each source from across all the roads included in the exceedance situation on which exceedances remain in 2010, 2015 and 2020 under baseline conditions. Zeros indicate that there are no exceedances in the relevant year.**

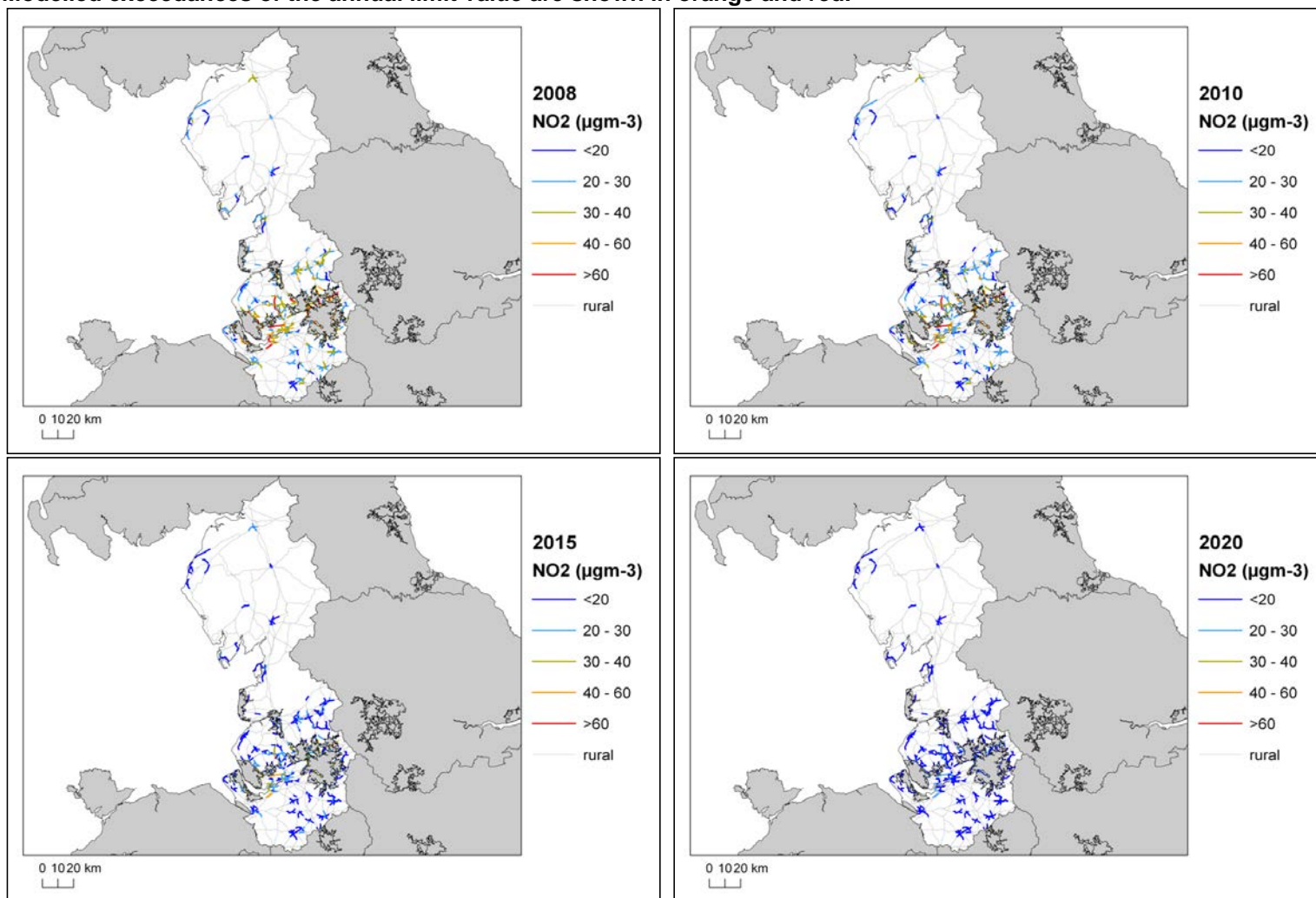
Spatial scale	Component	NO <sub>x</sub>			
		2008	2010	2015	2020
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	From within the UK	4.7	4.0	3.4	0.0
	From transboundary sources (includes shipping and other EU Member States)	3.7	3.0	2.6	0.0
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	From road traffic sources	38.8	31.0	19.1	0.0
	From industry (including heat and power generation)	28.2	25.3	11.5	0.0
	From agriculture	0.0	0.0	0.0	0.0
	From commercial/residential sources	7.5	7.5	4.2	0.0
	From shipping	1.8	1.7	1.1	0.0
	From off road mobile machinery	25.4	12.4	5.5	0.0
	From natural sources	0.0	0.0	0.0	0.0
	From transboundary sources	0.0	0.0	0.0	0.0
	From other urban background sources	14.1	4.4	1.0	0.0
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	From cars	53.6	36.0	24.8	0.0
	From HGV rigid	36.1	32.1	16.6	0.0
	From HGV articulated	97.5	84.8	42.7	0.0
	From Buses	42.4	36.9	10.8	0.0
	From LGVs	14.7	12.7	7.4	0.0
	From motorcycles	0.3	0.3	0.2	0.0

Figure 6. Background baseline projections of annual mean NO<sub>2</sub> concentrations in 2010, 2015 and 2020. 2008 is also included here for reference. Modelled exceedances of the annual limit value are shown in orange and red.



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Figure 7. Roadside baseline projections of annual mean NO<sub>2</sub> concentrations in 2010, 2015 and 2020. 2008 is also included here for reference. Modelled exceedances of the annual limit value are shown in orange and red.



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## 6. Projections including the impact of the low emissions zone (LEZ) scenario

### 6.1. Overview of model projections

Further model projections for 2015 and 2020 have also been calculated that include the impact of the LEZ scenario. This scenario is under consideration as part of our investigation of additional measures to achieve the NO<sub>2</sub> limit values. The scenario modelled here would require all HGVs and buses to meet at least Euro IV emission standards for NO<sub>x</sub> and PM<sub>10</sub> in 2015 in order to travel on roads other than the strategic long distance road network within the selected Local Authority boundaries. More details of the work underway to explore the feasibility and costs of a national LEZ framework are provided in the UK overview document and a description of the modelling assumptions included in the LEZ scenario is available in the UK technical report.

The LEZ scenario has been modelled for this zone because initial screening work indicated that, should it be applied, it would be effective at either reducing the gap to or achieving compliance with the limit value. The model results for these projections are presented in this section.

Further work is underway to investigate the feasibility and practicality of a national framework for LEZ as an additional measure to reduce concentrations of NO<sub>2</sub>. These investigations include:

- the likely effectiveness of any scheme at controlling air pollutant emissions and delivering increased compliance with European air quality standards within the timescales specified by the EU Ambient Air Quality Directive;
- the effectiveness and reliability of available NO<sub>x</sub> abatement equipment, taking into account evidence on the performance of Euro standards;
- the cost and resource such a measure might place upon national and/or local government;
- administrative and enforcement considerations for the scheme and the implications of this for Government Executive Agencies;
- the likely take-up of the scheme by local authorities and others;
- how any scheme would relate to ongoing certification work at EU and UNECE level.

These investigations will continue over the coming months and decisions will be made following the investigation as to whether or not it is feasible to introduce a national LEZ Framework and the details of any scheme. Should a local authority decide to introduce an LEZ, final decisions on the nature and extent of such a measure would be for the local authority to make taking into account local circumstances and any national arrangements put in place. These might not reflect what has been modelled in the scenario.

The LEZ scenario examines the impact of a LEZ applied within the selected local authorities listed in the supporting technical report. The local authorities relevant to this zone are

- Bolton Metropolitan Borough Council
- Bury Metropolitan Borough Council
- Halton Borough Council
- Knowsley Metropolitan Borough Council
- Manchester City Council
- Oldham Metropolitan Borough Council
- Rochdale Metropolitan Borough Council
- Salford City Council
- St Helens Metropolitan Borough Council
- Stockport Metropolitan Borough Council
- Tameside Metropolitan Borough Council
- Trafford Metropolitan Borough
- Warrington Borough Council
- Wigan Metropolitan Borough Council

The impact of the LEZ scenario on projected NO<sub>2</sub> concentrations in 2015 will be greatest in these local authorities. There are also expected to be smaller benefits in other areas as a result of the

changes to the national HGV fleets required to ensure LEZ compliance within the LEZ locations. The impact of these fleet changes on projected NO<sub>2</sub> concentrations in 2015 have been assessed in all zones for which the baseline projections do not show compliance with the annual mean limit value in 2015.

## 6.2. LEZ scenario projections: NO<sub>2</sub>\_UK0033\_Annual\_1

Table 8 presents summary results for the LEZ scenario model projections for 2015 and 2020 for the NO<sub>2</sub>\_UK0033\_Annual\_1 exceedance situation. This shows that the maximum modelled annual mean NO<sub>2</sub> concentration predicted for 2015 for the LEZ scenario in this exceedance situation is 46 µgm<sup>-3</sup>. Hence, the model results suggest that compliance with the NO<sub>2</sub> annual limit value is unlikely to be achieved by 2015 for the LEZ scenario in this exceedance situation. The model results do, however, show that the NO<sub>2</sub> annual mean limit value is likely to be achieved in this exceedance situation in 2020, when the maximum modelled annual mean NO<sub>2</sub> concentration predicted to be 26.9 µgm<sup>-3</sup>.

The projected modelled NO<sub>x</sub> and indicative NO<sub>2</sub> annual mean source apportionments for 2010, 2015 and 2020 at the location with the biggest compliance gap in 2008 are presented in Table 9. In 2010 and 2015, the model results suggest that this location will continue to have the highest annual mean NO<sub>2</sub> concentration within this exceedance situation. However, in 2020 the model indicates that the location with the highest annual mean NO<sub>2</sub> concentration within this exceedance situation will be elsewhere. Information regarding the new location with the highest NO<sub>2</sub> concentration, including the source apportionment is given in Table 10. The locations of maximum concentration in each year are given in the footnote to this table. This source apportionment information is useful because it shows which sources need to be tackled at the point with the largest compliance gap in the exceedance situation.

Table 11 shows the maximum NO<sub>x</sub> contribution from each source apportionment component from any road across the whole exceedance situation. This source apportionment information is useful because it highlights all the key sources that need to be tackled within the exceedance situation in order to achieve compliance across the entire area of the exceedance situation. It should be noted that this table only includes roads that continue to be in exceedance in the relevant year. Hence, for example, the road with the largest contribution from cars in 2010 may no longer be included in the table in 2015 if the road is predicted to be compliant in 2015.

Figures 8 and 9 show maps of projected annual mean NO<sub>2</sub> concentrations for the LEZ scenario in 2015 and 2020 at background and roadside locations respectively. Maps for 2008 and baseline projections for 2010 are also presented here for reference.

**Table 8. Annual mean NO<sub>2</sub> model results in NO<sub>2</sub>\_UK0033\_Annual\_1. 2015 and 2020 results are for the LEZ scenario. Results for 2008 and baseline projections for 2010 are also shown**

	2008	2010	2015	2020
Road length exceeding (km)	209.7	135.5	26.5	0.0
Background area exceeding (km <sup>2</sup> )	0	0	0	0
Maximum modelled concentration (µgm <sup>-3</sup> ) (a)	87.3	76.0	46.0	26.9

(a) Annual Mean Limit Value = 40 µgm<sup>-3</sup>

**Table 9. Modelled source apportionment for 2015 and 2020 for the LEZ scenario for traffic count point 26054 on the M62 (the road section with the maximum modelled annual mean NO<sub>2</sub> concentration in 2008 in NO<sub>2</sub>\_UK0033\_Annual\_1 OS grid (m): 394240, 413200). 2008 and 2010 baseline projections results are also presented here for reference (units: µgm<sup>-3</sup>).**

Spatial scale	Component	NOx				NO <sub>2</sub> (indicative)			
		2008	2010	2015	2020	2008	2010	2015	2020
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	Total	7.2	6.2	5.3	4.3	(a)	(b)	(c)	(d)
	From within the UK	4.5	3.9	3.3	2.7	(a)	(b)	(c)	(d)
	From transboundary sources (includes shipping and other EU Member States)	2.7	2.3	2.0	1.6	(a)	(b)	(c)	(d)
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	Total	35.3	29.3	16.9	10.8	18.0	15.6	10.4	7.7
	From road traffic sources	28.9	23.3	12.0	6.5	5.6	5.2	4.6	4.3
	From industry (including heat and power generation)	1.9	1.7	1.6	1.5	(a)	(b)	(c)	(d)
	From agriculture	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
	From commercial/residential sources	2.3	2.4	2.1	1.9	(a)	(b)	(c)	(d)
	From shipping	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
	From off road mobile machinery	1.9	1.8	0.9	0.7	(a)	(b)	(c)	(d)
	From natural sources	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
	From transboundary sources	0.0	0.0	0.0	0.0	(a)	(b)	(c)	(d)
From other urban background sources	0.3	0.3	0.3	0.3	(a)	(b)	(c)	(d)	
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	Total	167.0	141.2	75.6	33.0	69.3	60.4	35.5	17.2
	From cars	31.2	22.8	16.4	10.8	14.0	10.9	8.4	5.8
	From HGV rigid	22.5	20.0	9.7	3.6	9.5	8.6	4.4	1.8
	From HGV articulated	97.5	84.8	40.8	13.9	38.1	34.0	18.1	7.0
	From Buses	3.3	2.9	1.7	0.8	1.4	1.3	0.8	0.4
	From LGVs	12.5	10.7	6.9	3.9	6.2	5.6	3.8	2.2
From motorcycles	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
Total (i.e. regional background + urban background + local components)		209.5	176.7	97.8	48.1	87.3	76.0	46.0	24.9

(a) The total annual mean NO<sub>2</sub> contribution for all components labelled (a) in 2008 was modelled to be 12.4 µgm<sup>-3</sup>.

(b) The total annual mean NO<sub>2</sub> contribution for all components labelled (b) in 2010 is predicted to be 10.5 µgm<sup>-3</sup>.

(c) The total annual mean NO<sub>2</sub> contribution for all components labelled (c) in 2015 is predicted to be 5.8 µgm<sup>-3</sup>.

(d) The total annual mean NO<sub>2</sub> contribution for all components labelled (d) in 2020 is predicted to be 3.4 µgm<sup>-3</sup>.

**Table 10. Modelled source apportionment for 2015 and 2020 for the LEZ scenario for traffic count point with the highest concentration in these years in NO<sub>2</sub>\_UK0033\_Annual\_1. (a) 2008 and 2010 baseline projections results are also presented here for reference (units: µgm<sup>-3</sup>).**

Spatial scale	Component	NOx				NO2 (indicative)			
		2008	2010	2015	2020	2008	2010	2015	2020
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	Total	7.2	6.2	5.3	4.1	(b)	(c)	(d)	(e)
	From within the UK	4.5	3.9	3.3	2.5	(b)	(c)	(d)	(e)
	From transboundary sources (includes shipping and other EU Member States)	2.7	2.3	2.0	1.6	(b)	(c)	(d)	(e)
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	Total	35.3	29.3	16.9	13.9	18.0	15.6	10.4	8.7
	From road traffic sources	28.9	23.3	12.0	3.4	5.6	5.2	4.6	6.9
	From industry (including heat and power generation)	1.9	1.7	1.6	5.4	(b)	(c)	(d)	(e)
	From agriculture	0.0	0.0	0.0	0.0	(b)	(c)	(d)	(e)
	From commercial/residential sources	2.3	2.4	2.1	2.5	(b)	(c)	(d)	(e)
	From shipping	0.0	0.0	0.0	1.1	(b)	(c)	(d)	(e)
	From off road mobile machinery	1.9	1.8	0.9	1.0	(b)	(c)	(d)	(e)
	From natural sources	0.0	0.0	0.0	0.0	(b)	(c)	(d)	(e)
	From transboundary sources	0.0	0.0	0.0	0.0	(b)	(c)	(d)	(e)
From other urban background sources	0.3	0.3	0.3	0.5	(b)	(c)	(d)	(e)	
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	Total	167.0	141.2	75.6	36.8	69.3	60.4	35.5	18.2
	From cars	31.2	22.8	16.4	16.5	14.0	10.9	8.4	8.2
	From HGV rigid	22.5	20.0	9.7	5.6	9.5	8.6	4.4	2.7
	From HGV articulated	97.5	84.8	40.8	7.5	38.1	34.0	18.1	3.6
	From Buses	3.3	2.9	1.7	3.1	1.4	1.3	0.8	1.5
	From LGVs	12.5	10.7	6.9	4.0	6.2	5.6	3.8	2.2
From motorcycles	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
Total (i.e. regional background + urban background + local components)		209.5	176.7	97.8	54.8	87.3	76.0	46.0	26.9

(a) The road with the maximum annual mean NO<sub>2</sub> concentration in different years is as follows. 2008: A section of the M62 (count point id 26054 ). 2010: A section of the M62 (count point id 26054 ). 2015: A section of the M62 (count point id 26054 ). 2020: A section of the A533 (count point id 27275 ). (OS grid (m): 394240, 413200; 394240, 413200; 394240, 413200; 394240, 413200).

(b) The total annual mean NO<sub>2</sub> contribution for all components labelled (b) in 2008 was modelled to be 12.4 µgm<sup>-3</sup>.

(c) The total annual mean NO<sub>2</sub> contribution for all components labelled (c) in 2010 is predicted to be 10.5 µgm<sup>-3</sup>.

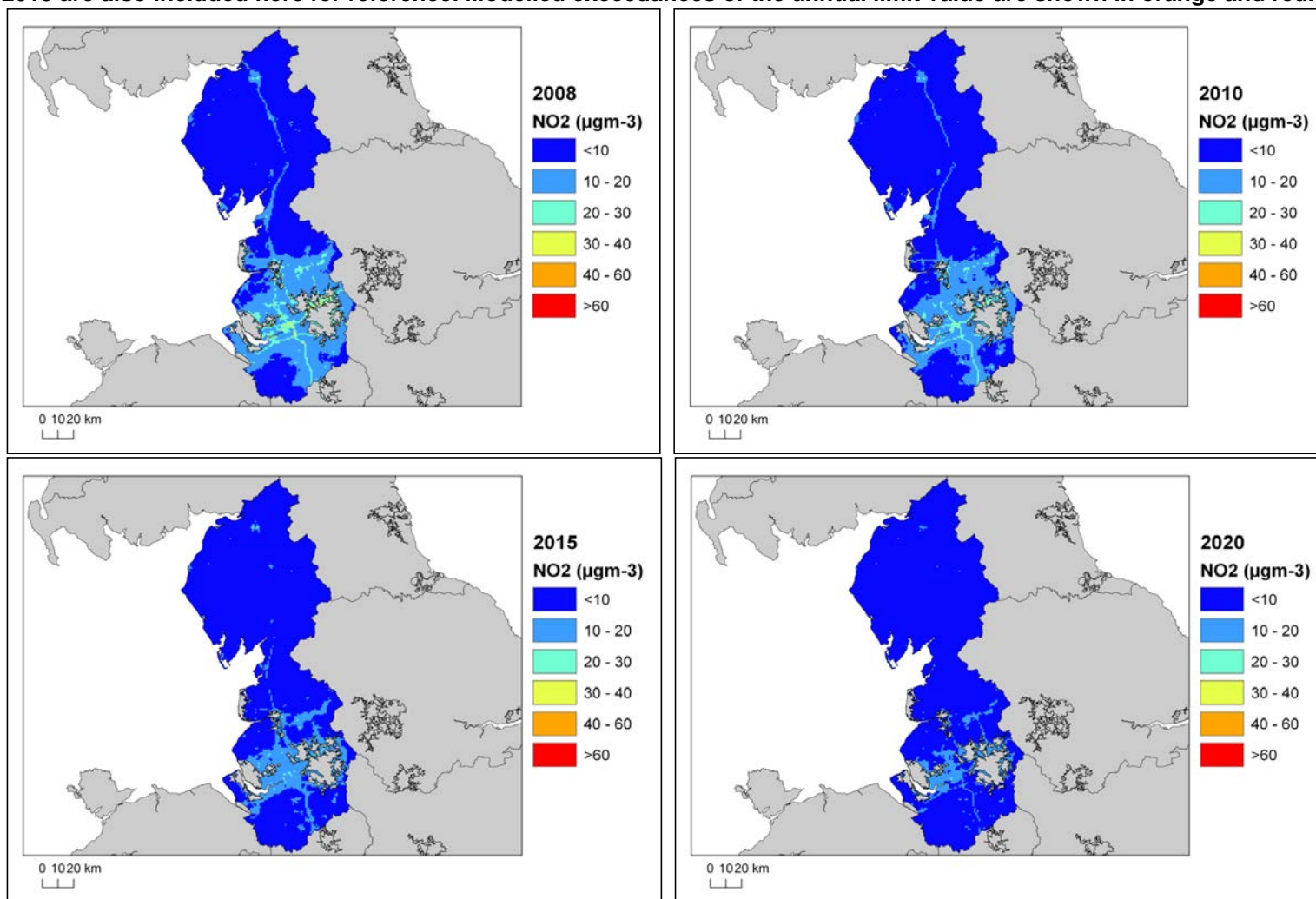
(d) The total annual mean NO<sub>2</sub> contribution for all components labelled (d) in 2015 is predicted to be 5.8 µgm<sup>-3</sup>.

(e) The total annual mean NO<sub>2</sub> contribution for all components labelled (e) in 2020 is predicted to be 1.7 µgm<sup>-3</sup>.

**Table 11. The maximum NO<sub>x</sub> contribution from each source from across all the roads included in the exceedance situation on which exceedances remain in 2010, 2015 and 2020 under baseline conditions. Zeros indicate that there are no exceedances in the relevant year.**

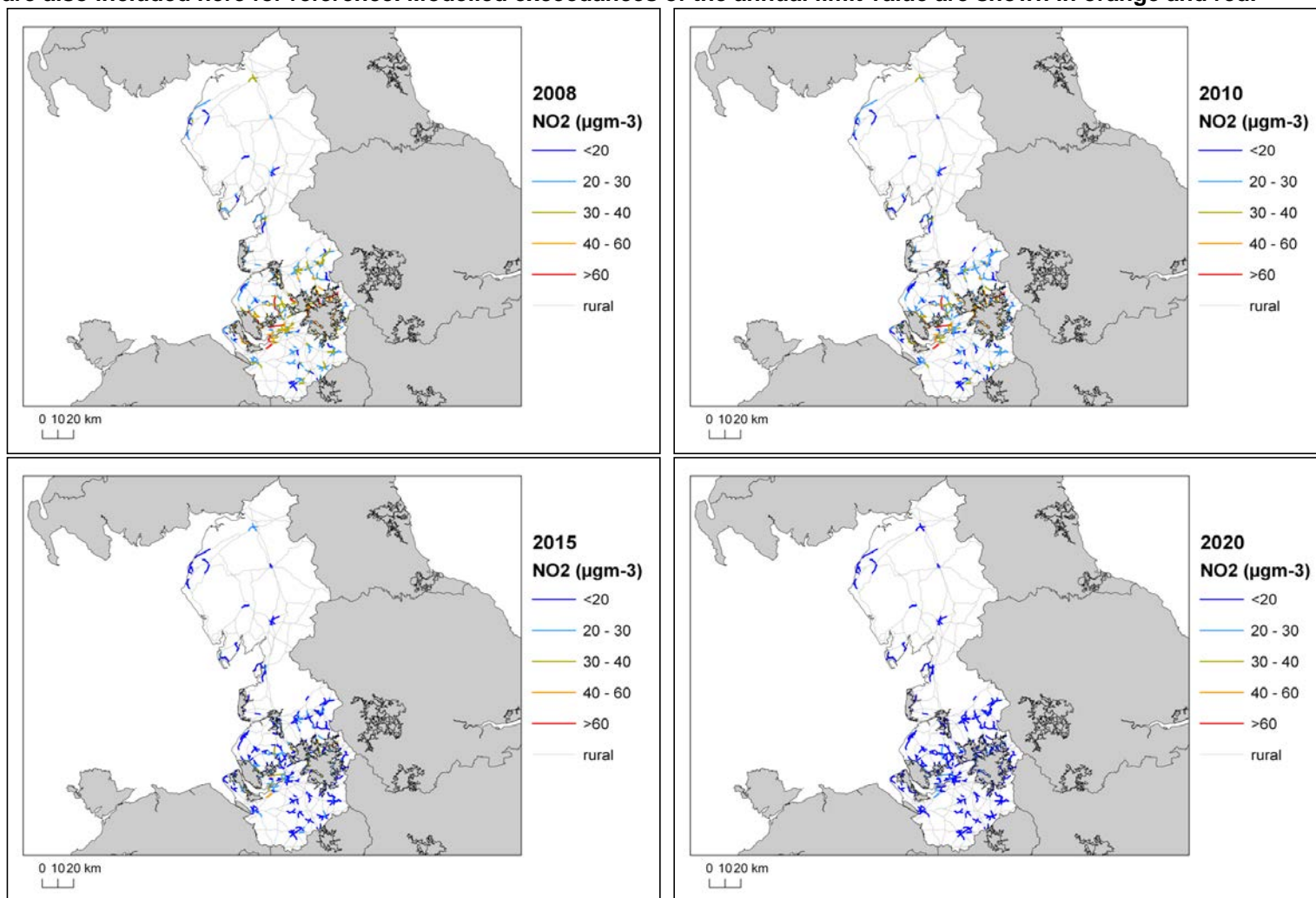
Spatial scale	Component	NO <sub>x</sub>			
		2008	2010	2015	2020
Regional background sources (i.e. contributions from distant sources of > 30 km from the receptor)	From within the UK	4.7	4.0	3.3	0.0
	From transboundary sources (includes shipping and other EU Member States)	3.7	3.0	2.6	0.0
Urban background sources (i.e. sources located within 0.3 - 30 km from the receptor)	From road traffic sources	38.8	31.0	16.8	0.0
	From industry (including heat and power generation)	28.2	25.3	11.5	0.0
	From agriculture	0.0	0.0	0.0	0.0
	From commercial/residential sources	7.5	7.5	4.2	0.0
	From shipping	1.8	1.7	1.1	0.0
	From off road mobile machinery	25.4	12.4	5.5	0.0
	From natural sources	0.0	0.0	0.0	0.0
	From transboundary sources	0.0	0.0	0.0	0.0
	From other urban background sources	14.1	4.4	1.0	0.0
Local sources (i.e. contributions from sources < 0.3 km from the receptor)	From cars	53.6	36.0	24.8	0.0
	From HGV rigid	36.1	32.1	12.7	0.0
	From HGV articulated	97.5	84.8	40.8	0.0
	From Buses	42.4	36.9	7.2	0.0
	From LGVs	14.7	12.7	7.4	0.0
	From motorcycles	0.3	0.3	0.2	0.0

Figure 8. Background projections of annual mean NO<sub>2</sub> concentrations in 2015 and 2020 for the LEZ scenario. 2008 and baseline projections for 2010 are also included here for reference. Modelled exceedances of the annual limit value are shown in orange and red.



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**Figure 9. Roadside projections of annual mean NO<sub>2</sub> concentrations in 2015 and 2020 for the LEZ scenario. 2008 and baseline projections for 2010 are also included here for reference. Modelled exceedances of the annual limit value are shown in orange and red.**



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<http://www.defra.gov.uk/environment/quality/air/airquality/publications/nitrogen-dioxide/index.htm>

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Decision 2004/461/EC. Commission Decision of 29 April 2004 laying down a questionnaire to be used for annual reporting on ambient air quality assessment under Council Directives 96/62/EC and 1999/30/EC and under Directives 2000/69/EC and 2002/3/EC of the European Parliament and of the Council. From the Official Journal of the European Union, 30.4.2004, En series, L 156/78

UK technical report, UK overview document and List of UK and National measures are available at <http://www.defra.gov.uk/environment/quality/air/air-quality/eu/>

CDR Central Data Repository. <http://cdr.eionet.europa.eu/>

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1st Daughter Directive 1999/30/EC. Council Directive 1999/30/EC, of 22 April 1999 relating to limit values for sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter and lead in ambient air (The First Daughter Directive). From the Official Journal of the European Communities, 29.6.1999, En Series, L163/41.

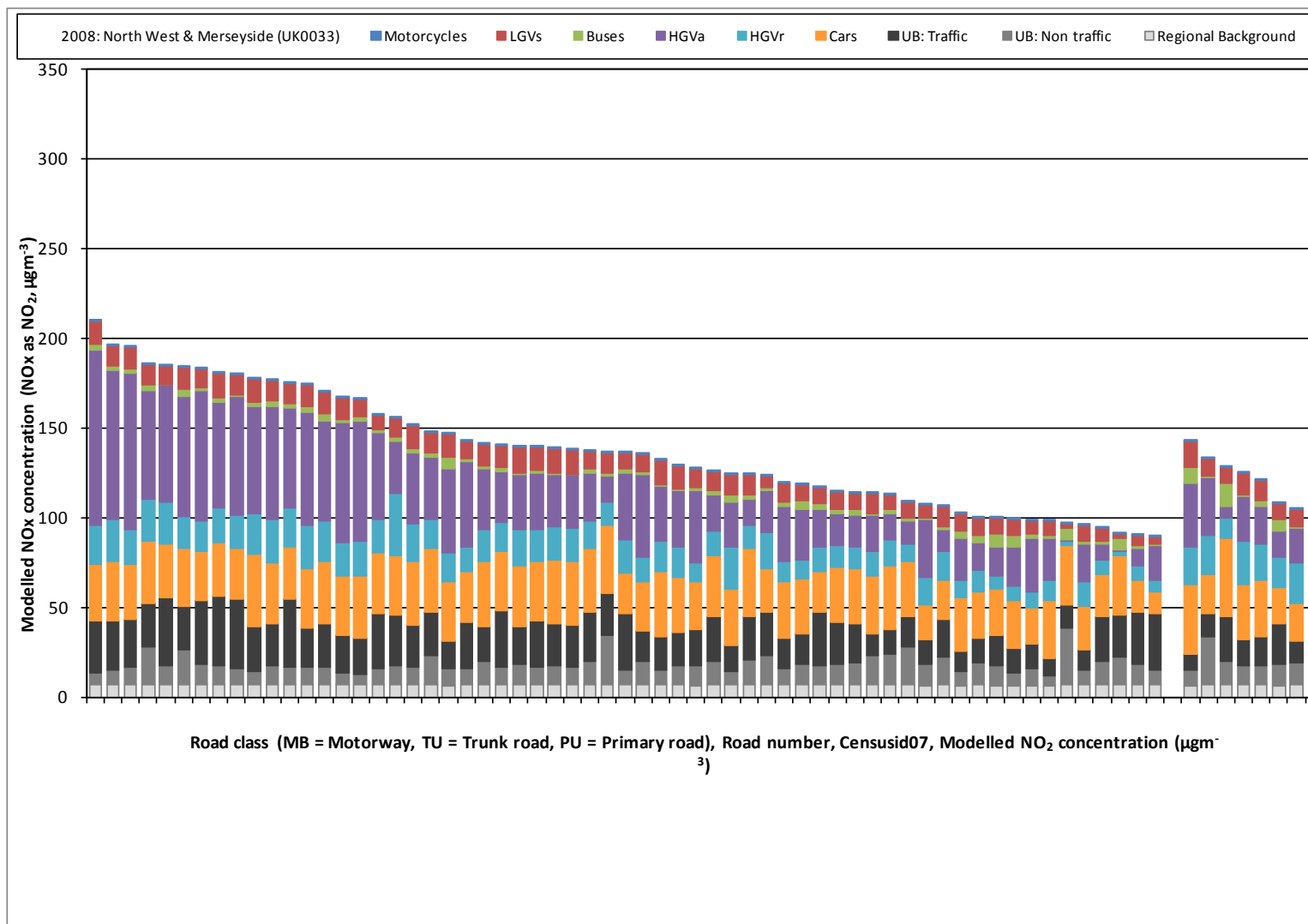
## **List of Annexes**

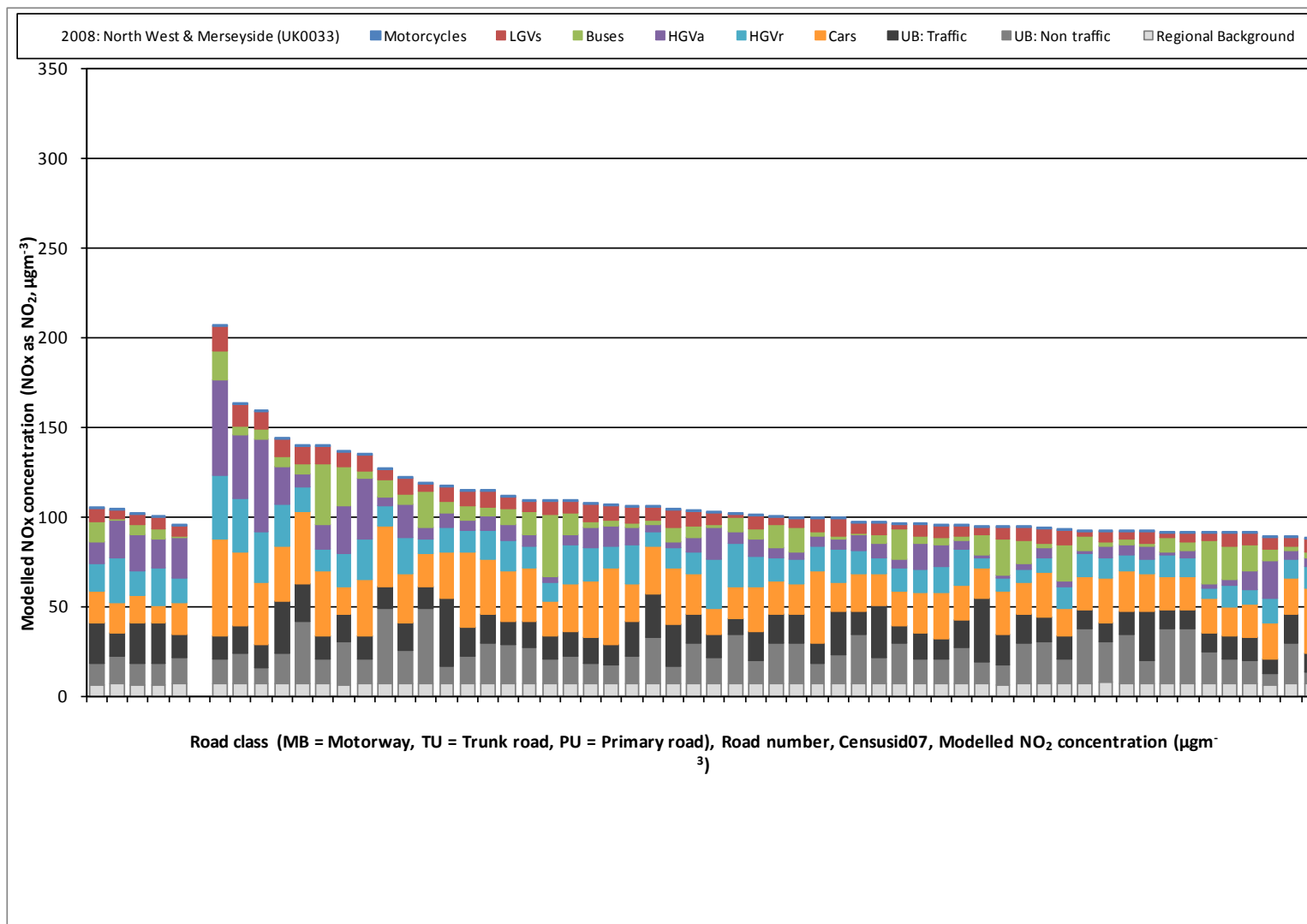
Annex 1: Source apportionment graphs

Annex 2: Tables of measures

## **Annex 1: Source apportionment graphs**

Figure A1.1 Annual mean roadside NO<sub>x</sub> source apportionment plots for all roads exceeding the annual mean NO<sub>2</sub> limit value in 2008





## **Annex 2: Tables of measures**

**Table A2.1 Relevant Local Authority measures taken before or during 2010 within North West & Merseyside (UK0033)**

LA (a)	Measure code (b)	Title	Description	Other information
Liverpool	Local_Liverpool_A1	Vehicle Emissions Testing	Investigate the enforcement of regulations including the Idling vehicles Regulations, vehicle emissions testing and removal of polluting buses from the road network.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_H1	Bus quality contracts	1.Introduce bus quality contracts to negotiate lower emission buses in the renewal of bus contracts.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_H2	Bus Quality partnerships	Introduce bus quality partnerships. Develop voluntary agreements with bus operators.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_G1	Promotion of walking and cycling and integration into National cycling strategy	Promotion of walking and cycling and integration into National cycling strategy	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_C1	LCC to development a	LCC to develop a Vehicle Fleet Management Plan	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		fleet management plan		<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_E1	Control of freight traffic into AQMA during peak times	Management of freight traffic particularly on the M62. This includes improving signage on the M62 to encourage heavy goods vehicles to leave at Junction 6. The signage on the M57 to Liverpool Freeport is also included to encourage correct movement of freight.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007 onwards</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_E2	Improve Interchanges	Actively promote the proposed Allerton Interchange development to link 2 railway stations to the proposed tram network	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: Post-2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_H3	Investigate use of car clubs as a condition of planning permission	Support the introduction of car clubs so that people who only need a car occasionally do not have to buy a car.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_E3	Prepare an SPD on air quality assessments	Prepare and publish a Supplementary Planning Document on air quality assessments for proposed development planning consideration	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
Liverpool	Local_Liverpool_H4	LEZ feasibility study	Declare a zone where preference would be given to cleaner less polluting vehicles and developments. (Low Emission Zone or LEZ)	Local_zone33_Liverpool_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul> Local_zone33_Liverpool_AQActionplan_1
Liverpool	Local_Liverpool_D1	Investigate increased city centre parking charges / congestion charging	Investigate an increase in city centre parking charges and the introduction of congestion charging.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul> Local_zone33_Liverpool_AQActionplan_1
Liverpool	Local_Liverpool_G2	Travel plans for workplace, schools and healthcare	Travel Plans promotion in workplaces, schools and Broadgreen Health centre. Co-ordination of community travel support/services e.g. for the elderly.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d):</li> </ul> Local_zone33_Liverpool_AQActionplan_1
Liverpool	Local_Liverpool_G3	Require organisations within the AQMA to implement Travel Plan	Requirement of organisations within the AQMA to produce a Travel plan	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d):</li> </ul> Local_zone33_Liverpool_AQActionplan_1
Liverpool	Local_Liverpool_E4	Improved signing at M62 junction and HGV management	Improve Signage on major routes	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Medium term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_F1	Improve public transport information and accessibility	Improve access to, and quality of, public transport travel information	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_F2	Various dissemination events, initiatives and tie-ins	Participation in events such as Don't choke Britain, Bike to Work Week and Walk to School Week and Car Free Day	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_F3	Link clean up campaign to roadside emissions testing	Link the `Time to Clean Up Campaign' to roadside vehicle emissions testing and the enforcement of Clean Up.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_E5	Bus routing / scheduling management to avoid unnecessary circulation	Bus routing and scheduling improvements including investigating the possibility of through-buses for the city centre; provision of bus layovers to give an opportunity for buses to park up rather than idling; and evaluate the timetabling and scheduling for Queens Square station to reduce the unnecessary circulation of buses.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_H5	Investigate provision of	Investigate the provision of Park and Ride facilities close to the M62/Rocket junction and at the M58/M57	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		P&R at Rocket/M62 junction AQMA	Switch Island Junction and at rail connection locations. Investigate the provision of temporary Park and Ride facilities to cover peak times of demand and major events.	<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_H6	Promote Transport Hubs at local rail stations	Promote the use of Transport Hubs at local rail stations through the improved provision of parking, passenger comfort and appeal and integrated timetabling, safety, frequency and reliability. Assess the success of the Edge Hill Hub proposed development.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_F4	Actively promote Allerton Interchange to link stations to Tram Network	Allerton Interchange- Promote/ drive this scheme which brings in two railway stations and linked to tram.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2006</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_F5	Dynamic traffic signing throughout city centre	Dynamic traffic signing throughout city centre	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_A2	Introduce anti-idling 'clear zones' for general vehicle and polluting buses	Use Clear Zones to prevent car parking with engines idling	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				Local_zone33_Liverpool_AQActionplan_1
Liverpool	Local_Liverpool_H7	Lobby police to remove illegal vehicles from road network	Lobby for increased enforcement by the police to remove illegal vehicles from the road network.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Liverpool	Local_Liverpool_E6	Intelligent traffic management including SCOOT and traffic light phasing	LCC – There are three routes currently covered by SCOOT. An emerging Major Scheme is identified in LTP2. A Major Scheme Business Case is currently being developed in conjunction with the Highways Agency.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Liverpool_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_G1	Promotion of cycling and walking	Cycling and walking strategies	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_A1	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_A2	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Bolton	Local_Bolton_A3	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_G2	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_G3	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_D1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Bolton	Local_Bolton_F1	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H2	Develop rail freight	Range of ideas from encouraging rail freight to city transhipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_A4	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H3	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H4	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H5	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H6	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_E1	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H7	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_G4	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_G5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_A5	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_E2	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_B1	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_B2	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_B3	Commercial/Industrial Energy	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
		Efficiency		<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_F2	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H8	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bolton	Local_Bolton_H9	Promote actions to improve air quality	Promote actions to improve air quality using a variety of promotional methods including:- leaflets, displays, seminars, press releases, emission testing and supporting national and local campaigns.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_G1	Promotion of cycling and walking	Cycling and walking strategies	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_A1	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_A2	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_A3	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_G2	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_G3	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_D1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_F1	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H2	Develop rail freight	Range of ideas from encouraging rail freight to city transshipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_A4	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H3	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Bury	Local_Bury_H4	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H5	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H6	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_E1	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H7	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_G4	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_G5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_A5	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_E2	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_B1	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_B2	Domestic	Promote improved energy efficiency in domestic	<ul style="list-style-type: none"> <li>• Type: Education/information</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		Energy Efficiency	properties	<ul style="list-style-type: none"> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_B3	Commercial/Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_F2	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H8	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Bury	Local_Bury_H9	Promote actions to improve air quality	Promote actions to improve air quality using a variety of promotional methods including:- leaflets, displays, seminars, press releases, emission testing and supporting national and local campaigns.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Bolton_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_E1	Review Lancaster city	Review Lancaster city centre highway network (gyratories, optimisation of signal control, etc.) to	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		centre highway network (gyratories, optimisation of signal control, etc.) to identify potential for reducing road traffic emissions contributing to air quality objective exceedences.	identify potential for reducing road traffic emissions contributing to air quality objective exceedences.	<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_D1	Implement city centre parking strategy to assist the incentivisation of modal shift away from the private car (connected with existing action).	Implement city centre parking strategy to assist the incentivisation of modal shift away from the private car (connected with existing action).	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_H1	Conduct a strategic signing review (e.g. tourist / freight traffic) to minimise avoidable unintended vehicle journeys within the AQMA.	Conduct a strategic signing review (e.g. tourist / freight traffic) to minimise avoidable unintended vehicle journeys within the AQMA.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_E2	Review freight and servicing vehicle access to city centre retail premises in order to identify potential for	Review freight and servicing vehicle access to city centre retail premises in order to identify potential for reducing vehicle exhaust emissions contributing to AQO exceedences.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		reducing vehicle exhaust emissions contributing to AQO exceedences.		Local_zone33_Lancaster_AQActionplan_1
Lancaster	Local_Lancaster_H2	Explore the potential for highway network management to incorporate 'red routes' minimising travel times and delays for bus public transport and incentivising modal shift from private car towards public transport.	Explore the potential for highway network management to incorporate 'red routes' minimising travel times and delays for bus public transport and incentivising modal shift from private car towards public transport.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_A1	Establish a statutory 'Quality Network Partnership' for bus-related public transport serving the Lancaster and Morecambe urban areas to provide a framework for further measures incentivising bus travel.	Establish a statutory 'Quality Network Partnership' for bus-related public transport serving the Lancaster and Morecambe urban areas to provide a framework for further measures incentivising bus travel.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G1	Introduce a smart ticketing	Introduce a smart ticketing system for public travel by Stagecoach buses with	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
		system for public travel by Stagecoach buses with benefits of incentivisation and reduced boarding and waiting times.	benefits of incentivisation and reduced boarding and waiting times.	<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_H3	Explore the feasibility of, and options for, Park and Ride schemes to serve Lancaster city centre (subject to decision on Heysham M6 link road) to identify potential for modal shift ways from private car to bus for journeys terminating in central Lancaster.	Explore the feasibility of, and options for, Park and Ride schemes to serve Lancaster city centre (subject to decision on Heysham M6 link road) to identify potential for modal shift ways from private car to bus for journeys terminating in central Lancaster.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G2	Explore with train operators the potential for improved local rail services in the Lancaster and Morecambe area to support and incentivise modal shift from the private car.	Explore with train operators the potential for improved local rail services in the Lancaster and Morecambe area to support and incentivise modal shift from the private car.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_H4	Identify and explore	Identify and explore opportunities for improved access to and use of	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		opportunities for improved access to and use of Lancaster canal towpaths and River Lune cycle/paths to incentivise modal shift away from the private car for shorter journeys – for travel journeys involving both Lancaster and Morecambe (partly connected with the Cycling Demonstration Town project).	Lancaster canal towpaths and River Lune cycle/paths to incentivise modal shift away from the private car for shorter journeys – for travel journeys involving both Lancaster and Morecambe (partly connected with the Cycling Demonstration Town project).	<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_F1	Complete a District Signage Scheme to facilitate and promote cycling and walking in Lancaster and Morecambe (connected with the Cycling Demonstration Town project).	Complete a District Signage Scheme to facilitate and promote cycling and walking in Lancaster and Morecambe (connected with the Cycling Demonstration Town project).	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G3	Provide high quality, secure cycle parking in appropriate locations to incentivise	Provide high quality, secure cycle parking in appropriate locations to incentivise journeys into Lancaster by bicycle (connected with the Cycling Demonstration Town project).	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		journeys into Lancaster by bicycle (connected with the Cycling Demonstration Town project).		<ul style="list-style-type: none"> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G4	Review and promote Personalised Travel Planning and car sharing to promote and incentivise modal shift away from the private car.	Review and promote Personalised Travel Planning and car sharing to promote and incentivise modal shift away from the private car.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G5	Increase the number of travel plans employed by existing businesses and new developments (incorporating targets stipulated in planning conditions for new developments) to minimise numbers of avoidable private car journeys contributing to traffic flows and congestion in Lancaster.	Increase the number of travel plans employed by existing businesses and new developments (incorporating targets stipulated in planning conditions for new developments) to minimise numbers of avoidable private car journeys contributing to traffic flows and congestion in Lancaster.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G6	Maximise the	Maximise the effectiveness of Lancaster City	<ul style="list-style-type: none"> <li>• Type: Technical</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		effectiveness of Lancaster City Council's own employee and member Travel Plan to minimise numbers of avoidable private car journeys contributing to traffic flows and congestion in Lancaster.	Council's own employee and member Travel Plan to minimise numbers of avoidable private car journeys contributing to traffic flows and congestion in Lancaster.	<ul style="list-style-type: none"> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_G7	Explore the feasibility of establishing local car clubs to reduce individual demand for private car ownership.	Explore the feasibility of establishing local car clubs to reduce individual demand for private car ownership.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_E3	Develop specific planning policy requiring the establishment and maintenance of viable car pooling schemes in new developments of sufficient size to reduce individual demand for private car ownership.	Develop specific planning policy requiring the establishment and maintenance of viable car pooling schemes in new developments of sufficient size to reduce individual demand for private car ownership.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_A2	Explore the	Explore the feasibility and benefit offered by roadside	<ul style="list-style-type: none"> <li>• Type: Other</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		feasibility and benefit offered by roadside emission testing to enforce legal restrictions on permissible road traffic exhaust emissions, in order to promote individual attention to private car engine maintenance and disincentivise the continued running of vehicles that fail to comply.	emission testing to enforce legal restrictions on permissible road traffic exhaust emissions, in order to promote individual attention to private car engine maintenance and disincentivise the continued running of vehicles that fail to comply.	<ul style="list-style-type: none"> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>
Lancaster	Local_Lancaster_E4	Review local planning policy on air quality and road transport within the Lancaster district to identify and explore any opportunities for further strengthening planning controls over road transport trips generated by new	Review local planning policy on air quality and road transport within the Lancaster district to identify and explore any opportunities for further strengthening planning controls over road transport trips generated by new developments.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: NA</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Lancaster_AQActionplan_1</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		developments.		
Macclesfield	Local_Macclesfield_G 1	Promotion of cycling and walking	Cycling and walking strategies	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 1	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 2	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 3	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_G 2	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_G 3	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_H 1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_G 4	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_F 1	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 4	Develop rail freight	Range of ideas from encouraging rail freight to city transshipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 5	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 6	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_H 2	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 7	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
Macclesfield	Local_Macclesfield_H 3	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	Local_zone33_Macclesfield_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_E 1	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_E 2	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_G 5	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_G 6	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_A 8	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_E 3	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_B 1	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_B 2	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Macclesfield	Local_Macclesfield_B 3	Commercial/ Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	Local_zone33_Macclesfield_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_F 2	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_F 3	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day'	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Macclesfield	Local_Macclesfield_F 4	Promote actions to improve air quality	Promote actions to improve air quality using a variety of promotional methods including:- leaflets, displays, seminars, press releases, emission testing and supporting national and local campaigns.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manc hester_A1	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manc hester_A2	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manc hester_A3	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manc hester_G2	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manc hester_G3	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manc	Public transport	Improve the safety and security of the public transport	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
	hester_H1	security	network	<ul style="list-style-type: none"> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_D1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_F1	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H2	Develop rail freight	Range of ideas from encouraging rail freight to city transhipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_A4	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H3	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H4	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H5	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H6	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_E1	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H7	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_G4	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_G5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_A5	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester	Development	Local Authorities to develop UDP policies appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
	hester_E2	control	for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_B1	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_B2	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_B3	Commercial/Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_F2	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H8	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day'	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Manchester	Local_Greater_Manchester_H9	Promote actions to improve air quality	Promote actions to improve air quality using a variety of promotional methods including:- leaflets, displays, seminars, press releases, emission testing and supporting national and local campaigns.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Macclesfield_AQActionplan_1</li> </ul>
Preston	Local_Preston_A1	To review the highway network at AQMA 1	To review the highway network at AQMA 1	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Preston_AQActionplan_1</li> </ul>
Preston	Local_Preston_D1	Parking Management & Charging	Local Transport Plan Measure – Park and Ride scheme for East Preston, Junction 31a M6.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Preston_AQActionplan_2</li> </ul>
Preston	Local_Preston_H1	Various	To implement all the actions detailed within Preston City Council's, Climate Change Action Plan –	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
			Mitigation.	<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Preston_AQActionplan_2</li> </ul>
Preston	Local_Preston_G1	Development of Cycling and Walking	To implement at least one safe cycle route to school scheme a year in the city.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Preston_AQActionplan_2</li> </ul>
Preston	Local_Preston_G2	Development of Cycling and Walking	To increase the length of road cycle path network in the city by 2 km a year.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Preston_AQActionplan_2</li> </ul>
Preston	Local_Preston_G3	Partnership & Travel Plans	The Review of Preston City Council's corporate travel plan to minimise the number of avoidable private car journeys contributing to traffic flows and congestion in Preston.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Preston_AQActionplan_2</li> </ul>
Blackburn	Local_Blackburn_A1	Maximise signal efficiency (at all AQMAs)	Including: <ul style="list-style-type: none"> <li>• Install kerbside detection (increases capacity by up to 10%)</li> <li>• Adjust phasing of traffic lights</li> <li>• Improved traffic detection</li> <li>• Linking with urban traffic control system</li> </ul>	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_E1	Expand right turn lane (AQMA 4 only)	Evaluate feasibility of banning right turns out of Spring Lane	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Implementation date: 40026</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_D1	Parking restrictions (all AQMAs)	Provision and enforcement of traffic restrictions to reduce traffic obstruction, thereby improving traffic flow and reducing polluting vehicle exhaust emissions	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date:</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_D2	Improved parking provision (AQMA2)	To improve the provision of off-road parking to reduce traffic obstruction, thereby improving traffic flow and reducing polluting vehicle exhaust emissions	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_G1	School travel plans (all AQMAs)	The development and improvement of school travel plans at the following schools: <ul style="list-style-type: none"> <li>• Brookhouse Primary School</li> <li>• Cedars Infant School</li> <li>• Hawthorn Junior School</li> <li>• Daisyfield Primary School</li> <li>• St Stephens Infant School</li> <li>• St Stephens Junior School</li> <li>• St Mary's Sixth Form College• Pleckgate High School</li> </ul>	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_A2	Mosque marshalling (AQMA2)	A considerable number of vehicle and pedestrian movements can occur within a short period of time in the vicinity of places of worship. Mosques have developed plans to reduce the impact upon congestion and hence vehicle emission levels. The Council will investigate rolling the Mosque Marshalling scheme out further to other places of worship.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: Ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_A3	Bus only lane (AQMA 3)	Bus only lane (Belgrave Mill)	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: Ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_F1	Public transport information (All AQMAs)	The Council seeks to promote the use of public transport by providing local companies with bus and train timetables that can be given out to staff. This also includes working with Blackburn Rovers to reduce the number of fans travelling to games by car.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_G2	Improvements to bus station (AQMA 3)	Improvements to bus station	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_G3	Car sharing (all AQMAs)	Car sharing	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_E2	Advanced stop lanes for cyclists (all AQMAs)	Advanced stop lanes for cyclists	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2009</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_E3	Development control	Most new buildings or significantly altered buildings need consent, referred to as planning permission. The Local authority will seek to influence development so that it doesn't have a significant adverse impact on air quality.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Blackburn	Local_Blackburn_B1	Control of bonfire & chimney emissions	The Council regulates emissions to air from bonfires and chimneys under the Environmental Protection Act 1990 and the Clean Air Act legislation. Increased awareness raising and enforcement can be used to increase compliance.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: Ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Blackburn_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_A1	Promotion of cycling and walking	Cycling and walking strategies	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_A2	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Rochdale	Local_Rochdale_A3	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_G2	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_G3	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H1	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_D1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_F1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H2	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_A4	Develop rail freight	Range of ideas from encouraging rail freight to city transhipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H3	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H4	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H5	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H6	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_E1	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H7	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
Rochdale	Local_Rochdale_G4	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_G5	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_A5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_E2	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_B1	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_B2	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_B3	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_F2	Commercial/ Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Rochdale	Local_Rochdale_H8	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				Local_zone33_GreaterManchester_AQActionplan_1
Rochdale	Local_Rochdale_H9	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day'	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_A1	Promotion of cycling and walking	Cycling and walking strategies	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_A2	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_A3	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_G2	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
			potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_G3	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H1	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_D1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_F1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H2	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_A4	Develop rail freight	Range of ideas from encouraging rail freight to city transshipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H3	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H4	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H5	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Salford	Local_Salford_H6	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_E1	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H7	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_G4	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_G5	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_A5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_E2	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_B1	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_B2	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Salford	Local_Salford_B3	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_F2	Commercial/Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H8	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Salford	Local_Salford_H9	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day'	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_A1	Promotion of cycling and walking	Cycling and walking strategies	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_A2	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_A3	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_G2	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_G3	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H1	School Travel	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		Plans		<ul style="list-style-type: none"> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_D1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_F1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H2	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_A4	Develop rail freight	Range of ideas from encouraging rail freight to city transshipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H3	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H4	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H5	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H6	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_E1	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H7	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_G4	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_G5	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_A5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_E2	Vehicle	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		emissions testing		<ul style="list-style-type: none"> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_B1	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_B2	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_B3	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_F2	Commercial/Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H8	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Stockport	Local_Stockport_H9	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day'	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_A1	Promotion of cycling and walking	Cycling and walking strategies	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_A2	Reduce emissions from public and freight transport	Work with bus operators: Fleet Management & clean fuels. Includes initiatives for freight vehicles	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004/2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Trafford	Local_Trafford_A3	Sustainable Distribution Plans	Seek the support and guidance of central Government in relation to the promotion and implementation of Sustainable Distribution Plans amongst commercial operations and other agencies in the region.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_G2	Commercial delivery plans	Examine the feasibility of night-time deliveries by investigating the relaxation of delivery curfews relating to existing or proposed commercial premises, ensuring that there is a full consideration of potential noise/nuisance impact.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_G3	Travel Plans	Promote the development and implementation of Travel Plans among the companies and organisations in the area. Travel Plans will be aimed at reducing emissions from work activities as well as journeys to and from the workplace.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H1	School Travel Plans	Promote the development of School Travel Plans	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_D1	Public transport security	Improve the safety and security of the public transport network	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_F1	Subsidised public transport	Continue to subsidise public transport through bus subsidies to encourage bus usage	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H2	Public Transport information	Continue with the programme of upgrading to provide real time information on the public transport network	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_A4	Develop rail freight	Range of ideas from encouraging rail freight to city transhipment	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H3	Target reduced emissions from Council fleet	Support the take up of Powershift and CleanUp grants for new vehicles and retrofitting existing vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H4	Metrolink extensions	Metrolink extensions	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H5	Low emission zone feasibility study	Low emission zone feasibility study	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H6	Private Hire Licensing	Review of Private Hire Emissions - taxi licensing regime.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_E1	Investigate Road User Charging	Explore the contribution that road user and workplace parking charging might make to the improvement of air quality.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H7	Physical Traffic Management	Physical Traffic Management: A range of measures largely related to the LTP - incl bypasses, junction improvements, UTC	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005-ongoing</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Trafford	Local_Trafford_G4	Home Zones	Investigate potential schemes to create 'Home Zones' and implement where appropriate	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_G5	QBP	Quality bus corridors & QBP (bus emissions)	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2004</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_A5	Public transport Initiatives	Public Transport Initiatives - Metrolink extension and also some PT measures (cross mode).	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_E2	Vehicle emissions testing	Roadside Vehicle emission testing	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003/2004</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_B1	Development control	Local Authorities to develop UDP policies appropriate for their area to ensure that air quality is a consideration in determining planning applications.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport; Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_B2	PPC	Enforce the Pollution Prevention and Control (England and Wales) Regulations 2000	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Industry including heating and power production</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_B3	Domestic Energy Efficiency	Promote improved energy efficiency in domestic properties	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_F2	Commercial/ Industrial Energy Efficiency	Promote energy efficiency in industrial and commercial premises, including the Council's own non-domestic buildings	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Industry including heating and power production; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Trafford	Local_Trafford_H8	Promoting awareness of AQ issues	Continue to raise awareness of air quality issues with local authorities, AGMA and GMPTE/A	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Trafford	Local_Trafford_H9	Support national campaigns	Support promotional campaigns such as 'Don't Choke Britain' and 'European Car Free Day'	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_GreaterManchester_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A1	Home Zones	Number of Schemes introduced, Traffic counts, AQ Surveys. 2 scheme introduced in last three years.	Local_zone33_GreaterManchester_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_G1	Walking strategy	Over 13km of new/improved footways introduced since 2001/02. Walking to the town centre has increased.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2001</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A2	Maintain and update Councils vehicle fleet	Maintenance and fuel monitoring schemes in place.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_C1	Undertake trial and evaluation of catalyst systems	Complete evaluation by July 2003. Two unit still operating on the bus fleet.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Short term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A3	Burtonwood HGV restriction trial	Reduction of HGV movements through village. Scheme In Place. Further scheme being investigated.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_H1	Promote PowerShift	Implementation of campaign to target freight operators/ alternative fuels.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A4	Encourage take-up of Road Haulage Modernisation Fund	Encourage take-up of Road Haulage Modernisation Fund	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A5	Locate generators of freight traffic near strategic network	The location of key strategic sites near motorway junctions reduces local road movements but may influence levels with the AQMA. The Omega and Birchwood Park industrial parks provide capacity and excellent transport links, reducing local road movements.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_E1	Publication of guidelines of	Planning guide introduced in 2007. Ensures that AQ issues are considered and that the assessments are	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		AQ and Planning control	appropriate.	<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_E2	Assess planning applications for adverse AQ impacts	Proactive management controls potential exposure and any potential impact from traffic growth.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_D1	Consider decriminalisation of parking in town centre	Decimalised parking implemented. Measures to discourage long stay parking implemented and onroad regulation strictly enforced.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_G2	Promote Travel Plans	41 school travel plans introduced in last three years making 54 in total. Sustainable School travel strategy introduced in 2006/07. 33,700 company employees in schemes.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_G3	Continue employing GTP officer to then implement staff travel plan	Three travel plan co-ordinators now in place; one covering workplaces and the other two covering schools.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Warrington	Local_Warrington_F1	Continue 'Air about us' campaign	Rebranded in 2007, looking to allocate additional resources for role out in 2008, looking at the feasibility of joining Care4Air.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_F2	Provide information to schools	To participate in the Healthy Schools initiative and to make air quality information available to schools.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_F3	Set up AQ website	Makes information on air quality available, promotes sustainable transport options.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_F4	VMS at bus stop	250 signs now in place and scheme completed.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A6	Bus quality networks	New bus station completed, low floor bus access on track with over 400 in place, VMS signage at bus stops programme completed	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A7	Bus priority lanes	Schemes in development for A57and A49 corridors.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_F5	Travel Information line	Bus patronage is rising which is helped by increased and varied information on public transport.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_G4	Improvement of rail stations	Improvements underway at Central, Padgate and Bank Quay Stations	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A8	Ensure licensed taxis comply with emission tests	Continuation of requirement for testing under the licensing scheme.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A9	Vehicle priority corridors	Number of corridors introduced.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A10	20 mph zones	3 schemes in the last three years – Pilot schemes planned for possible wider implementation.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_A11	Vehicle emission testing	Scheme implemented. 7 events in 2007.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_G5	Pedestrianisation	Pedestrianisation of town centre complete.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_H2	The integration of air quality within the UDP and Regeneration Strategy	Air quality is a specific policy area within the UDP and Regeneration Strategy. Air quality considerations are integrated within development briefs. Supplementary planning guidance developed on travel plans.	<ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Warrington	Local_Warrington_G6	Council staff car share scheme	Plan has been Implemented. Car share scheme is in operation.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_H3	E-Gov Policies	To introduce e-Government policies, which reduce the need to travel. Over 90% of services available.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_B1	HECA	Tackle energy conservation in the housing stock through the Energy Conservation Act and Urban Renewal. Eco hut launched in town centre in 2007.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Warrington	Local_Warrington_B2	Energy Efficiency in the Council	Reduce Emissions from Council buildings. 100% of electricity purchased is 'green' energy.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical; Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Warrington_AQActionplan_1</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_E1	Feasibility of repositioning road sensor away from Cambridge road	To increase 'green time' for northbound traffic on Whitby Road.	Local_zone33_Warrington_AQActionplan_1 <ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		lights		<ul style="list-style-type: none"> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_1</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_E2	Feasibility of rerouting traffic in AQMA.	To reduce the impact of queuing vehicles on Whitby Road.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_2</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_E3	Investigate feasibility of optimising traffic signals / installing MOVA system.	Responsive traffic light signals allow smoother flow of vehicles on main routes	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007/2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_3</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_E4	Investigate potential for scheduling of commercial delivery times in AQMA	To decrease obstructions from delivery vehicles	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_4</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_E5	Focus on parking contraventions in the town centre area.	To reduce congestion in the AQMA.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_5</li> </ul>
Ellesmere Port and	Local_Ellesmere_E6	Investigate benefit of	Temporary roundabout used for bridge repairs. Possible improvement in traffic flow	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Neston		replacing Whitby Rd / Cromwell Rd signals with a mini-roundabout		<ul style="list-style-type: none"> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_6</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_A1	Arrange for statutory roadside vehicle emissions testing in AQMA	Raise profile of AQMA issues and target highly polluting vehicles.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2006/2008</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_7</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_A2	Annual MOT-type tests on licensed taxis and private hire vehicles performed by the EPNBC depot.	To ensure that vehicles are maintained to a recognised high standard.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_8</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_A3	Visual emissions assessments of idling taxis at town centre rank.	To minimise excess emissions throughout the year.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_9</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_A4	Consideration to be given to incentivising the use of less polluting vehicles through licensing.	To minimise excess emissions throughout the year.	<ul style="list-style-type: none"> <li>• Type: Economic/fiscal; Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2010</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d):</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
				Local_zone33_Ellesmere_AQActionplan_10
Ellesmere Port and Neston	Local_Ellesmere_A5	Corporate procurement policies to give consideration to more sustainable fleet vehicles wherever possible.	Council leading by example. To reduce the environmental impact from the authority's own operations.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_11</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_H1	Maintain close liaison between Environmental Protection and Development Control for planning applications.	To assess potential air quality impacts at application stage	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_12</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_H2	Central Ellesmere Port Area Action Plan (CEPA) to include specific air quality measures	AQMA lies within CEPA	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Other</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_13</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_H3	Supplementary Planning Document (SPD) on S106 agreements for new developments. Focus on e.g. transport infrastructure including cycling, walking and highway	To highlight possible air quality impacts prior to development. To mitigate the impacts of developments.	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport; Commercial and residential sources</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: Yes</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_14</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Ellesmere Port and Neston	Local_Ellesmere_F1	Provision of health bandings and general information via electronic display boards (PDUs)	Enables public – vulnerable groups in particular – to make informed decisions about local air quality.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Other</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2003</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_15</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_F2	Provision of public information via council website	Provide an accessible source of air quality information including current data and health bandings.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Other</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_16</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G1	Promote benefits of public transport (including links to bus / train timetables) on Airwatch website and public display units	Increases accessibility of public transport information	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_17</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_A6	Publicise VOSA's Smoky Vehicle hotline on website & public display units	Targets vehicles having disproportionate impact on local air quality	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_18</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_A7	Promote Energy Saving Trust (formerly Powershift)	Encourages use of cleaner fuels by individuals and businesses in local area	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport; Commercial and residential sources</li> <li>• Spatial scale: local</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
		scheme		<ul style="list-style-type: none"> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_19</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G2	Promote initiatives such as 'Bike Week and 'Walk to Work Day'	Encourages community involvement in sustainable modes of transport.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_20</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_H4	Additional NO <sub>2</sub> diffusion tubes to be sited within AQMA	Enhanced spatial coverage of AQMA corridor to characterise ambient NO <sub>2</sub> .	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Other</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2005</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_21</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_H5	Strategic review of AQ monitoring provision and locations	To ensure that all areas of relevant exposure have been considered in line with LAQM	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Other</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_22</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G3	Quality bus partnership	Improved bus stop facilities including raised kerbs and kneeling buses for improved accessibility	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_23</li> </ul>

LA (a)	Measure code (b)	Title	Description	Other information
Ellesmere Port and Neston	Local_Ellesmere_G4	Install signage at railway station to indicate the nearest bus stop(s)	Information may encourage patronage of public transport	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_24</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_F3	Whitby Park education trail	Raise awareness of AQ issues in line with KS2 targets.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Other</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_25</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G5	Support and help to promote the cycling strategy	Encourages alternative modes of transport	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2008</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_26</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G6	Investigate the potential for provision of secure cycle storage in town centre	Encourages alternative modes of transport	<ul style="list-style-type: none"> <li>• Type: Technical</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Long term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : No</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_27</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G7	Support and help to promote the 'Feet First' walking strategy for Cheshire	Promotes fitness on foot. Challenges reliance on cars.	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Short term</li> <li>• Regulatory: No</li> </ul>



LA (a)	Measure code (b)	Title	Description	Other information
				<ul style="list-style-type: none"> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_28</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G8	Corporate Travel Plans, voluntary and statutory (section 106 agreements)	Encourages alternative modes of transport	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_29</li> </ul>
Ellesmere Port and Neston	Local_Ellesmere_G9	Journeys to Schools (LTP)	Reduces home to school car journeys	<ul style="list-style-type: none"> <li>• Type: Education/information</li> <li>• Sources affected: Transport</li> <li>• Spatial scale: local</li> <li>• Implementation date: 2007</li> <li>• Reduction timescale: Medium term</li> <li>• Regulatory: No</li> <li>• Smarter Choices (c) : Yes</li> <li>• Reference (d): Local_zone33_Ellesmere_AQActionplan_30</li> </ul>

(a) Name of responsible Local Authority.

(b) The Letter in the measure code indicates the main source sector that will be affected by the measure. Letters are assigned as follows: A - measures to reduce emissions from mobile sources, B - measures to reduce emissions from stationary sources, C - fuels and petrol stations, D - Economic incentives to reduce emissions (e.g. congestion charging, controlled parking zones), E - measures related to traffic planning/redesigning infrastructure, F - information/educational measures, G - change of transport mode (e.g. scheme to encourage people out of cars and onto bikes), H - Other.

(c) Measures have been classified as 'smarter choices' or not based on expert judgement

(d) References available for download from: <http://uk-air.defra.gov.uk/library/NO2ten/>

