

## DEFRA LOCAL AUTHORITY AIR QUALITY GRANT 2011/2012 – PROGRESS REPORTING

Under the air quality grant terms and conditions, local authorities awarded grant are required to provide a progress report on the supported project(s) around October the year after the grant has been paid to the authority. Reports should be provided on an annual basis for the duration of the project, including a report produced upon completion of the project. The form set out below should be used to report progress in all cases. Please return completed form/s to the email address: [air.quality@defra.gsi.gov.uk](mailto:air.quality@defra.gsi.gov.uk).

### 1. Local authority name, key contact details and project title/code.

Please provide the lead local authority name, contact details for the lead project contact and the title and reference number of the project.

Birmingham City Council,

Replacement Air Conditioning Unit

### 2. Provide a brief description of the project.

Please provide a brief description of the project and its aims. Please include details of project partners and division of work. Refer to Section 2 of the Project Plan if no changes to initial plans have occurred (300 words or less).

Replacement of 5.2kw split air conditioning unit to affiliated AURN station at Tyburn Road, Birmingham. Cost includes replacement of existing unit, upgrade of electricity circuit board, full installation of new unit and decommissioning and disposal of existing unit, 3 years ongoing maintenance and service contract.

| Project Status           | Y/N? |
|--------------------------|------|
| Is the project complete? | Y    |

**3. Please indicate which study area(s) / emissions source(s) are relevant to this project.**

| Study Area(s)                  | Y/N? | Emission Source | Y/N? | Pollutant        | Y/N? |
|--------------------------------|------|-----------------|------|------------------|------|
| Low Emission Zones             |      | Cars            |      | NO <sub>2</sub>  | Y    |
| Emissions Abatement Technology |      | HGVs            |      | PM <sub>10</sub> | Y    |
| Remote Sensing                 |      | Buses           |      | Other            |      |
| Communication                  |      | Trains          |      |                  |      |
| Monitoring                     | Y    | Biomass         |      |                  |      |
| Modelling                      |      | Other           |      |                  |      |
| Behavioural Change             |      |                 |      |                  |      |
| Fleet Improvement              |      |                 |      |                  |      |
| Traffic Management             |      |                 |      |                  |      |
| Other                          |      |                 |      |                  |      |

**4. Progress to Date**

Please provide a brief description of the work carried out to date (500 words or less), with reference to key milestones. This should include whether or not the project is proceeding in accordance with the estimated timescales in Section 3 of the Project Plan. Where delays have occurred, an indication of revised project timescales should be provided.

Supply of air conditioning unit was put out to tender on find it in Birmingham,  
quotes received,  
local supplier chosen,  
Electrical supply upgraded by City Council approved electrician,  
Air Conditioning unit fitted, commissioned and redundant unit disposed of.

**5. Project Outputs**

Please provide a summary of any initial or final observations / conclusions that can be drawn from the project, and in particular, details of any observed or estimated reductions in emissions and / or pollutant concentrations (500 words or less).

A complete list of project outputs (both completed and expected) should also be provided including the date of publication and location / source from which the outputs can be obtained. Electronic copies of any completed outputs should be submitted alongside this form.

NA

**6. Problems faced**

Please provide a brief description of any problems faced or anticipated that may or have affected project outcomes or the timescales for delivery (500 words or less).

none

**7. Knowledge Transfer**

Where possible, please provide an evaluation of the project against the plans for knowledge transfer detailed in Section 5 of the Project Plan (500 words or less)

NA

**8. Project Evaluation**

Where possible, please provide an evaluation of the project against the success criteria detailed in Section 7 of the Project Plan (500 words or less)

Project completed successfully

**9. Financial Performance.**

Please provide details of the anticipated project spend at this stage of the project, the actual project spend, and the reasons for any difference between these figures.

**Actual Spend**

Replacement air Con, with 3 years service and maintenance, commissioning and installation.

Degassing and removal of existing redundant unit - £1915.00

Upgrade of electric circuit board - £89.51

Total cost - £2004.51

Project overspent by £9.51 this was met by Birmingham City Council

**Signature of Officer at the local authority**

[Redacted Signature]

**Name of local authority**

Birmingham City Council

**Date**

28/01/2013

## DEFRA LOCAL AUTHORITY AIR QUALITY GRANT 2011/2012 – PROGRESS REPORTING

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**1. Local authority name, key contact details and project title/code.**

Please provide the lead local authority name, contact details for the lead project contact and the title and reference number of the project.

Bradford MDC

**2. Provide a brief description of the project.**

Please provide a brief description of the project and its aims. Please include details of project partners and division of work. Refer to Section 2 of the Project Plan if no changes to initial plans have occurred (300 words or less).

City of Bradford MDC has designated 4 AQMAs in respect of NO2 limit value exceedences and has produced an Air Quality Action Plan (AQAP) and an Air Quality Strategy, both of which have Council approval. Road traffic is the dominant source of NO2 concentrations. The AQAP acknowledges this and outlines plans to design and deliver a Low Emission Strategy (LES) for the City, focussing on targeted emission reduction in this sector, including synergistic benefits of also reducing emissions of vehicle related greenhouse gases. Elected members are strongly supportive of this action.

The Low Emission Strategy will also recognise the role that Bradford has within the West Yorkshire Zone and will seek to influence wider emission reduction through engagement, dissemination and identification of opportunities for regional transformation of vehicle parc operations and emission profile.

The Low Emission Strategy aims to provide an overarching structure, influencing all municipal policy areas that have the potential to influence road transport emissions, and focus for co-ordinated activity. Key areas of activity are seen as:

- Transport Planning, including LTP3, Freight Strategy, Public Transport & Cycling Provision, Low Emission Vehicle (LEV) Infrastructure, Emission Reduction Information etc
- Land-Use Planning, including on and off-site mitigation, CIL and LEV Infrastructure Provision etc
- Fleet Management & Procurement, including LEV & Infrastructure purchasing, public/private partnerships etc
- Waste Management, including potential to produce sustainable, low emission vehicle energy etc
- Air Quality Management, including LES promotion / increasing public awareness, development of best practice emission schemes in partnership with the private sector
- Climate Change & Sustainability, including road transport emission reduction
- Economic Development, including public private partnerships etc

A key element in the development of the Bradford LES will be the investigation into the feasibility of a LEZ, either within the City or within the West Yorkshire conurbation, to stimulate the accelerated uptake and use of cleaner road transport techniques, technologies and fuels. The LEZ Feasibility Study will be undertaken in close co-operation with other West Yorkshire Authorities, including Leeds and York.

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|                          |             |
|--------------------------|-------------|
| <b>Project Status</b>    | <b>Y/N?</b> |
| Is the project complete? | N           |

**3. Please indicate which study area(s) / emissions source(s) are relevant to this project.**

| Study Area(s)                  | Y/N? | Emission Source | Y/N? | Pollutant        | Y/N? |
|--------------------------------|------|-----------------|------|------------------|------|
| Low Emission Zones             | Y    | Cars            | Y    | NO <sub>2</sub>  | Y    |
| Emissions Abatement Technology | Y    | HGVs            | Y    | PM <sub>10</sub> | Y    |
| Remote Sensing                 |      | Buses           | Y    | Other            |      |
| Communication                  | Y    | Trains          |      |                  |      |
| Monitoring                     |      | Biomass         |      |                  |      |
| Modelling                      | Y    | Other           |      |                  |      |
| Behavioural Change             |      |                 |      |                  |      |
| Fleet Improvement              | Y    |                 |      |                  |      |
| Traffic Management             | Y    |                 |      |                  |      |
| Other                          |      |                 |      |                  |      |

**4. Progress to Date**

Please provide a brief description of the work carried out to date (500 words or less), with reference to key milestones. This should include whether or not the project is proceeding in accordance with the estimated timescales in Section 3 of the Project Plan. Where delays have occurred, an indication of revised project timescales should be provided.

**WP1**

Title: Pre Project works

Timescale: Receipt of Grant (October) to Mid November 2011

*This work has all been completed within the timescales*

**WP2**

Title: Start of Project

Timescale: Mid November 2011 to April 2012

WP2 Outputs and Key Milestones

*This has been completed within the timescales with the exception of the commissioning of the economic analysis work, this was commissioned in February 2013 and will be completed by May 2013.*

Title: Low Emission Strategy and LEZ feasibility

Timescales: January 2012 to April 2013

WP3 Outputs and Key Milestones

*The draft LES is currently being written and will be brought to elected members in March 2013. The LEZ feasibility study and associated HIA and economic reports will be reported on in the final version of the LES in summer 2013.*

*This work has all been completed within the timescales with the exception of the LEZ study which has faced delays due to problems with vehicle data being released from DfT and issues around the copyright of the modelling package, all of which are now resolved. The first stage of the HIA has been completed and written up, this work was completed utilising free expertise from our PH colleagues in Bradford and Leeds. The economic work has been commissioned (jointly in co-ordination with Leeds CC) and is progressing. The economic work will be carried out with input from our local economic experts at the Regional Economic Analysis Unit who will form part of the project team. The second phase of the HIA study will be completed once the detailed modelling and the economic analysis has been completed.*

**WP4**

Title: Public Relations

Timescales: January 2012 to April 2013

*There has been a successful and well attended launch event, a newsletter, press reports and presentations for EPUK Yorkshire division, LETC West Midlands and IAPSC Birmingham to disseminate findings so far. A launch event for the LES will be held in Bradford in the summer of 2013.*

**WP5**

Title: Implementation Plan

Timescales: April 2013 to 2015

*This work is progressing as per the project plan.*

**WP6**

Title: Information sharing

Timescales: January 2012 to January 2015

*The work will be disseminated as per the project plan and joint working with other West Yorkshire Local authorities is underway to share learning from the project.*

**PROGRESS SUMMARY**

The project has kept to the timescales set within the project plan throughout and is on course to be delivered at the end of summer 2013. There have been some delays in some of the technical aspects of the LEZ feasibility study, these will be well documented to inform future studies and all problems so far have been overcome.

**5. Project Outputs**

Please provide a summary of any initial or final observations / conclusions that can be drawn from the project, and in particular, details of any observed or estimated reductions in emissions and / or pollutant concentrations (500 words or less).

A complete list of project outputs (both completed and expected) should also be provided including the date of publication and location / source from which the outputs can be obtained. Electronic copies of any completed outputs should be submitted alongside this form.

Not applicable at this stage

**6. Problems faced**

Please provide a brief description of any problems faced or anticipated that may or have affected project outcomes or the timescales for delivery (500 words or less).

There have been problems processing our ANPR (automatic number plate recognition) data in terms of data protection issues at DfT, this delayed the data processing by over a month. We have had also had problems with our SATURN (traffic modelling data) not being detailed enough to carry out the modelling work. Our colleagues in highways are helping us overcome these issues at the moment. The main delays so far have been caused by technical problems within the modelling work for the LEZ feasibility that we were unable to anticipate at the start of the project. Fortunately we have been able to run workstreams in parallel and the end result should be delivered on time, however the draft LES will be unable to include LEZ findings at this stage, it will be added into the strategy by release of the final version in summer 2013.

**7. Knowledge Transfer**

Where possible, please provide an evaluation of the project against the plans for knowledge transfer detailed in Section 5 of the Project Plan (500 words or less)

The project has produced a quarterly newsletter, however this was produced six months into the project and it is considered that quarterly was not an appropriate time scale. Another newsletter will be produced prior to the launch of the draft document.

Press releases have been made regarding the start of the project and the successful funding bid, a press release was also made regarding the gas trial element of the project. There will be further press releases at the time of the launch of the public consultation for the Low Emission Strategy. There has been stakeholder workshops within the council which have resulted in successful implementation of new air quality development control policy which will form part of the LES. The final reports and LES will be launched via the Council website, press releases and a launch event in summer 2013.

A number of presentations have been successfully delivered by the project team at the well attended launch event, EPUK Yorkshire division, LETC West Midlands and IAPSC Birmingham to disseminate findings so far. The work will also be disseminated at the developer forum and climate week. Other opportunities to disseminate the information will be utilised where offered.

It is anticipated that data and methodology sharing will be a key part of the West Yorkshire project which will build on work completed in Bradford and Leeds.

**8. Project Evaluation**

Where possible, please provide an evaluation of the project against the success criteria detailed in Section 7 of the Project Plan (500 words or less)

#### OVERVIEW AND MANAGEMENT DELIVERY

Monthly meetings of delivery team to assess work package timescales and general meeting of aims and objectives, more frequent where necessary. The following will be assessed

- 1) Successful recruitment of LES steering group - *completed*
- 2) Buy-in from elected members – *excellent member support and endorsement so far*
- 3) Ability to meet milestones as detailed in the work package timetable – *most milestones and work packages have been completed on time and the project is set to be completed by summer 2013.*
- 4) Successful development of private/public partnerships – *there have been meetings and relationships established with Morrisons and M&S and a number of private companies including YW attended the launch event. A tool for reporting NOX emissions from freight is being developed as part of the project and this will be distributed to private companies to compliment their C reporting.*
- 5) Integral communication – *as outlined in section 7*
- 6) Development and implementation of LES after 2013 (resources permitting) - *TBC*
- 7) Development and implementation of evidence based LEZ- *TBC*

Progress reported to [REDACTED] quarterly along with risk register assessment, extra ordinary meetings where necessary

Quarterly newsletter to steering group, elected members stakeholders and interested parties.

#### WIDER SUCCESS CRITERIA

The success of the LES and associated LEZ will also be looked at using measureable outputs such as follows;

Number of businesses entering public/private partnerships  
Reduction in annual mean NO2 in AQMAs and subsequent revocation  
Implementation of Bradford City LEZ  
Adoption of Bradford LES and associated policy changes  
Number of Low Emission schemes implemented annually through development control  
Income for AQ improvements via CIL  
Number of electric charging points in Bradford measured against January 2012 baseline  
Gas refuelling infrastructure in Bradford  
Low emission fleet for Bradford Council  
LE vehicle uptake  
Cleaner bus fleet for Bradford District as measured against January 2012 baseline  
Hits on AQ section on Bradford website (information dissemination)  
Number of LAs implementing LEZ following same model  
Number of companies joining Freight partnership  
Improvement in health data for Bradford District (respiratory/cardiac hospital admissions associated with pollution episodes)

The success criteria for the project will be finalised in consultation with the LES steering group and is subject to agreement at a later date.

*Wider success criteria will be established after the completion of the LES, however, at this early stage there is significant progression in terms of EV charging points via the new development control policy.*

#### 9. Financial Performance.

Please provide details of the anticipated project spend at this stage of the project, the actual project spend, and the reasons for any difference between these figures.

|            | Projected   | Actual      | Committed   |
|------------|-------------|-------------|-------------|
| 31/12/2011 | £ -         |             |             |
| 31/03/2012 | £ 15,300.00 | £ 3,980.00  |             |
| 30/06/2012 | £ 30,600.00 | £ 15,561.00 |             |
| 30/09/2012 | £ 61,200.00 | £ 29,125.00 |             |
| 31/12/2012 | £ 81,600.00 | £ 37,433.00 |             |
| 30/03/2013 | £ 91,800.00 |             | £ 58,250.00 |
| 30/06/2013 | £102,000.00 |             |             |

Total committed at present is £86,000, this is in line with the spend profile submitted and we are on target to complete the project within budget.

Signature of Officer at the local authority



Name of local authority

Bradford MDC

Date

15/02/13

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### 1. Local authority name, key contact details and project title/code.

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Birmingham City Council  
Environmental Protection  
581 Tyburn Road  
Edlington  
Birmingham  
B24 9RX

Ref No: 0182011 – West Midlands Low Emission Zone Technical Feasibility Study

### 2. Provide a brief description of the project.

Please provide a brief description of the project and its aims. Please include details of project partners and division of work. Refer to Section 2 of the Project Plan if no changes to initial plans have occurred (300 words or less).

The undertaking of a technical study into the feasibility of low emission zones at a range of realistic sites within the West Midlands.

|                          |      |
|--------------------------|------|
| Project Status           | Y/N? |
| Is the project complete? | N    |

**3. Please indicate which study area(s) / emissions source(s) are relevant to this project.**

| Study Area(s)                  | Y/N? | Emission Source | Y/N? | Pollutant               | Y/N? |
|--------------------------------|------|-----------------|------|-------------------------|------|
| Low Emission Zones             | Y    | Cars            | Y    | NO <sub>2</sub>         | Y    |
| Emissions Abatement Technology | Y    | HGVs            | Y    | PM <sub>10</sub>        | Y    |
| Remote Sensing                 |      | Buses           | Y    | Other – CO <sub>2</sub> | Y    |
| Communication                  |      | Trains          |      |                         |      |
| Monitoring                     |      | Biomass         |      |                         |      |
| Modelling                      |      | Other           |      |                         |      |
| Behavioural Change             | Y    |                 |      |                         |      |
| Fleet Improvement              | Y    |                 |      |                         |      |
| Traffic Management             | Y    |                 |      |                         |      |
| Other                          |      |                 |      |                         |      |

**4. Progress to Date**

Please provide a brief description of the work carried out to date (500 words or less), with reference to key milestones. This should include whether or not the project is proceeding in accordance with the estimated timescales in Section 3 of the Project Plan. Where delays have occurred, an indication of revised project timescales should be provided.

WP1: Project Start up – Completed.

WP2: Consultation & involvement – Completed. Incorporates appointment of Strategic Consultant Support role.

WP3: Review of Existing Evidence Base – Completed.

WP4: Project Scoping, Specification & Tendering – Completed.

WP5: Project Management Research Study – Ongoing. Primary consultant determined and T&C are being drafted.

WP6: Project reporting / Sign Off – To commence.

WP7: Dissemination / Final Reporting – To commence.

Delay (6 months) due to sourcing viable traffic data (necessitated a further bid to Defra to support data acquisition). Data now sourced and priced. We will work with the appointed consultant to refine the data requirements to ensure best value before securing.

Refined timeline – anticipate draft report to be submitted late summer / early autumn with completed report late autumn / early winter.

**5. Project Outputs**

Please provide a summary of any initial or final observations / conclusions that can be drawn from the project, and in particular, details of any observed or estimated reductions in emissions and / or pollutant concentrations (500 words or less).

A complete list of project outputs (both completed and expected) should also be provided including the date of publication and location / source from which the outputs can be obtained. Electronic copies of any completed outputs should be submitted alongside this form.

**Initial Observations**

1. Necessity for reliable traffic data is critical
2. Necessity for ANPR data is crucial (yet to be sourced)

**Project Outputs**

1. Technical Report for each scenario chosen incorporating an evaluation of the LES options and their suitability for a LEZ in that area. Regard will be had to suitability of the option, likely emissions / concentration reductions, legislative compliance, health benefits, and economic benefits.
2. Dissemination of outputs via stakeholder meetings / national event

**6. Problems faced**

Please provide a brief description of any problems faced or anticipated that may or have affected project outcomes or the timescales for delivery (500 words or less).

1. Accessing suitable traffic data – considered to be in the process of being resolved.
2. Accessing ANPR data – currently being sourced
3. Concern from Finance Officer regarding the Council's ability to capitalise the monies (raised December 2012). We are in close liaison with Defra with regard to this aspect and having discussed with Finance have been told to continue with the project.

**7. Knowledge Transfer**

Where possible, please provide an evaluation of the project against the plans for knowledge transfer detailed in Section 5 of the Project Plan (500 words or less)

There has been no variation from the Project Plan with regards to knowledge transfer. Nothing further can be added at this stage.

**8. Project Evaluation**

Where possible, please provide an evaluation of the project against the success criteria detailed in Section 7 of the Project Plan (500 words or less)

There has been no variation from the Project Plan with regards to project evaluation. Nothing further can be added at this stage.


**9. Financial Performance.**

Please provide details of the anticipated project spend at this stage of the project, the actual project spend, and the reasons for any difference between these figures.

Award: £120,000  
Monies allocated: £21,500  
Of which monies spent: £4698.27  
2012/13 Q4 anticipated allocation: £77,970

The project spend is in line with progress made to date

**Signature of Officer at the local authority**

  
A black rectangular box redacting the signature of the officer.

**Name of local authority**

Birmingham City Council

**Date**

21 January 2013