

DEFRA LOCAL AUTHORITY AIR QUALITY GRANT


2012/13

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 November 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.

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.


Sheffield City Region – Barnsley EV project.

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 aim of the project is to demonstrate to local stakeholders the issues involved in operating electric vehicles (EVs) to encourage uptake. The project proposes that Barnsley MBC operates two EVs, to demonstrate the issues involved in utilising these vehicles for a variety of purposes.

The project will assist in the delivery of measure 22 of the Barnsley MBC air quality action plan, which is to "encourage uptake of lower emission vehicles and alternative fuels".

The plan has been devised to reduce NO2 concentrations in Barnsley's air quality management areas (AQMAS), which have all been declared due to exceedence of the annual average objective for NO2.

By disseminating the outcomes of the project to a wider stakeholder audience (including other local authorities with traffic related NO2 AQMAS), the project will also work towards measure 4 of the action plan, which deals with behavioural changes due to awareness / publicity campaigns. This is important, as the experiences Barnsley MBC gains in utilising EVs are disseminated effectively to local stakeholders, who are contemplating the future use.

In addition, the use of EVs supports the Barnsley MBC Travel Plan objectives of improving air quality and assisting in CO2 emission reduction.

Project Status	Y/N?
Is the project complete?	It is continually ongoing

Barnsley Electric Vehicle update:

Barnsley Council have had a successful application to plugged in fleets and the money part contributed to a Nissan Leaf Electric car that staff are using as a pool car. The purchase price of the vehicle was covered by grant funding from the Department for Environment and Rural Affairs (£14,500) and the Air Quality and Climate Group (£7,000).

Take up of the electric car has been excellent. It is permanently booked out for 4 ½ out of the 5 working days in the week. Staff use the electric car for short journeys to business meetings, licensed premises inspections and site visits; staff in the Building Control service, for example, use it on a regular basis to carry out site inspections. In May, its first full month of operation, the Nissan Leaf vehicle travelled 612 miles on business journeys, which saved 0.195 tonnes in carbon emissions when compared with a typical petrol powered vehicle. Last month the vehicle travelled 1,106 miles in officers' journeys to site visits and business meetings, which saved 0.353 tonnes in carbon emissions. The car is fully maintained by Fleet services, and the TRACKYOU, the TELEMATICS GPS system is fitted to the car and can provide user data when required. The only negative point about the electric car is that people are saying that we need more in the fleet?.

Barnsley has secured roughly £5k from the recent round of OLEV funding to provide charging facilities at a council depot (Smithies depot) and as part of a partnership effort South Yorkshire has been successful in securing roughly £225 k to provide rapid chargepoints across the four districts. A bid was put forward to the Local Sustainable Transport Fund (LSTF) to support businesses to utilise electric vehicles. The South Yorkshire Region was successful and has been awarded funds (circa £1m, including private contributions) from the LSTF programme to increase EV uptake by around 80 Small and Medium Enterprises (SME's). This will be facilitated via grants of up to 50% for the 1 year lease of an EV car or van, and a 50% grant towards the purchase and installation of a slow charger in the Small and Medium Enterprise (SME) premises. This project is in OJEU procurement for a delivery partner to manage it, and is due to start in summer 2013.

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.

Please see qualitative and quantitative monitoring reports since project inception (copies attached)

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 ₂	✓
Emissions Abatement Technology		HGVs		PM ₁₀	✓
Remote Sensing		Buses		Other	✓
Communication		Trains			
Monitoring		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 Sections 3 & 4 of the Project Plan. Where delays have occurred, an indication of revised project timescales should be provided.

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).

As the project was a partnership venture between Transportation, FM and Smithies depot, the approach has run extremely smoothly. Everyone has contributed to the project delivery in their own way.

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)

Knowledge transfer has been via the LGYH EV network and also via the SY LTP working groups. It is intended that the knowledge gained from this project will be used to give to SME's who participate in the SYLTF funded SY SME EV project.

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)

Please see attached user feedback. This feedback will be used to give to SME's who participate in the SYLTF funded SY SME EV project. This will enable them to shape their own Electric Vehicle projects.

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.

All funding has been allocated and spent – currently seeking money for more EV's!

Signature of Officer at the local authority

A black rectangular box redacting the signature of the officer.

Name of local authority

Barnsley MBC

Date

9/10/2013

