

**LOW CARBON VEHICLES IN THE DELIVERY OF PUBLIC
SERVICES REVIEW 2011/12: FLEET CARBON REDUCTION
ANALYSIS**

REPORT OF THE CHIEF EXECUTIVE

Strategic Priorities: SP5 Attractive and Inclusive City

**Corporate Priorities: CIO1: Delivering Customer Focused Services, CIO4:
Improving partnership working to deliver 'One City'**

1. PURPOSE OF THE REPORT

- 1.1 To provide background information to the Scrutiny Committee in regard to the fleet carbon reduction analysis being undertaken for the City Council by Cenex.

2. BACKGROUND

- 2.1 At its meeting on 13 June 2011 the Scrutiny Committee agreed to focus on Low Carbon Transport in the Delivery of Public Services in Sunderland as the Policy Review for 2011/12 and agreed the aim of the review and terms of reference at its meeting on 26 July 2011.
- 2.2 At a subsequent meeting on 13 September 2011 members of the Scrutiny Committee agreed the proposed approach to the policy review. The plan included investigating the financial and non-financial implications of the council adopting low carbon vehicles into its fleet.
- 2.3 On 16 January 2012, the Scrutiny Committee agreed to utilise its dedicated budget to commission Cenex to undertake a detailed and expert analysis of the implications and impact of the council adopting electric vehicles into its fleet.
- 2.4 The analysis will contribute principally to the following terms of reference for the Policy Review;
- (d) To explore the financial and non-financial future implications of the increased use of low carbon vehicles in the delivery of council services;
 - (e) To consider appropriate targets for the introduction of electric vehicles into the council's fleet.

3. FLEET CARBON REDUCTION ANALYSIS

- 3.1 Cenex is an independent, not for profit company. It is a leading expert in understanding the market opportunities for low carbon vehicles and fuels, as well as the practical measures required to aid market transformation. It runs a number of high profile programmes in the UK including the Low Carbon Vehicle Procurement Programme and the UK Infrastructure Grant Programme.
- 3.2 Cenex will use its fleet carbon reduction tool to identify the costs and environmental benefits of operating electric powered cars and 3.5 tonne vans within the council's fleet operation. It will undertake a host of analysis which will include drive cycle creation; payload profile; vehicle and drivetrain model creation; and simulation.
- 3.3 Cenex will use the results of the analysis to provide an accurate indication of the potential environmental and ownership cost differentials of vehicle models used within the fleet. In addition there will also be an indication of the additional cost and environmental benefits of running vehicles over a longer mileage pattern and a longer ownership cycle.

4. CONCLUSION

- 4.1 Members are asked to receive the presentation from Robert Anderson, Programme Manager – Fleet Carbon Reduction, Cenex.

5. RECOMMENDATION

- 5.1 That the Committee considers and comments upon the information provided by Cenex.

Contact Officer: Helen Lancaster, Scrutiny Officer
0191 561 1233, helen.lancaster@sunderland.gov.uk