

## **ECONOMIC DEVELOPMENT COMMITTEE**

**20 JUNE 2018**

### **ELECTRIC VEHICLE CHARGING PROVISION IN NEWARK AND SHERWOOD**

#### **1.0 Purpose of Report**

- 1.1 For Members to consider the future development of an electric vehicle charging network within Newark and Sherwood

#### **2.0 Background Information**

- 2.1. The last few years have seen an increase in the number of electric vehicles in the overall fleet with manufacturers investing heavily in their electric ranges and new plug-in models being released regularly. In fact many manufacturers have committed to including substantial numbers of EVs across their ranges within the next three to ten years.
- 2.2 The Governments recently published air quality strategy includes the ambition that the entire fleet will be electrically powered by 2040.

#### **3.0 Introduction**

- 3.1 In September 2017 the Economic development Committee agreed that a review of car parks should be undertaken to ascertain the most appropriate location and numbers of electric vehicle charging points within the Councils car parks.
- 3.2 The Parking Services team began this work, however, it soon became apparent that the infrastructure needs and car technology was moving rapidly and that what appeared at first glance to be a relatively straightforward task was complex and would require careful consideration to put in place a network that would meet the future needs of drivers. It was also noted that it would be important to put a network in place across Newark and Sherwood rather than concentrating solely on the Council's car parks.
- 3.3 Colleagues from Environmental health have been working with the greater Nottingham authorities to develop Clean Air Zones in the city to reduce air pollution from vehicles. One of the projects being developed was to develop an electric vehicle network across the Local Enterprise Partnership area of Nottinghamshire and Derbyshire.
- 3.4 Nottingham City Council have been the lead authority and they have now been awarded government funding to install a publicly accessible electric vehicle charge point network across the D2N2 region.
- 3.5 The city council have undertaken a detailed procurement exercise and have appointed Chargemaster to be the contractors to deliver and manage the electric charging network for a ten year period. Chargemaster will undertake site surveys, installations, maintenance and network management all at zero cost to each council for the duration of the contract. The surveys will identify the suitability of the location and recommend the numbers and type of charger to use. It is likely that either slow charge unit (full charge in approximately 6 hours) or a rapid charge unit (full charge in approximately 2 hours) will be available.

3.6 The council have an option as to whether to provide the charge facility for free or to recover the costs of the electricity used.

3.7 The provision of a charging network is available across the whole of Newark and Sherwood and therefore other areas of land could be used to provide the charging units, such as:

Leisure Centres

Town and Parish Council Car Parks

HRA Land

#### **4.0 Proposals**

4.1 The opportunity provided by this arrangement allows for the development of a comprehensive network of charging points across the district. Therefore it proposed that we formally appoint Chargemaster PLC to develop infrastructure for charging electric vehicles on our land.

4.2 It is further proposed that other organisations such as town and parish councils and Active4Today are approached to offer them the opportunity of provide charging points on their land.

4.3 A decision on whether to offer the charging points for free or whether to recoup the electricity used can be made at a later date once the survey is complete and numbers and types of charges recommended is known along with some estimation on the cost to the council for the electricity used.

#### **5.0 Equalities Implications**

5.1 None identified at this stage. It is noted that when a report is brought back to committee following the survey of sites a full EQIA will be completed.

#### **6.0 Impact on Budget/Policy Framework**

6.1 There may be a small loss of income from car parks as dedicated spaces will need to be set aside for charging area. This, however, is only a factor if all other spaces are occupied. Further details will be brought to the attention of the committee following any site surveys and suggested locations. As detailed in the report, there will be the cost implication of the electricity used and this will be dependent on whether or not this cost is recovered by charging users. The full financial implications will be considered, as stated in 4.3 above, once the survey has been completed.

#### **7.0 RECOMMENDATIONS that:**

**a) Members formally appoint Chargemaster PLC to develop infrastructure for charging electric vehicles on our land;**

**b) other organisations are approached to offer them the opportunity to provide charging points on their land; and**

c) a full plan and recommendations on charging options would be brought back to committee once the survey is completed.

**Reason for Recommendations**

**To allow future provision of electric charging points to be developed.**

**Background Papers**

Nil

For further information please contact Alan Batty on Ext 5467

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