

ITEM No ...8.....

REPORT TO: CITY DEVELOPMENT COMMITTEE – 22 AUGUST 2016

REPORT ON: GO ULTRA LOW CITY SCHEME – GRANT AWARD

REPORT BY: EXECUTIVE DIRECTOR OF CITY DEVELOPMENT

REPORT NO: 253-2016

1 PURPOSE OF REPORT

1.1 To seek approval for the detailed plans for further electric vehicle charging infrastructure in Dundee and surrounding areas as part of the Go Ultra Low City Scheme and Chargeplace Scotland Network

2 RECOMMENDATION

2.1 It is recommended that the Committee approve the plans to further develop the electric vehicle charging infrastructure in the city and surrounding areas which will be fully funded by grants from Office of Low Emission Vehicles and Transport Scotland

3 FINANCIAL IMPLICATIONS

3.1 The Executive Director of Corporate Services advises that capital costs of £1,860,000 can be met from the Office of Low Emission Vehicles grant and the further capital costs of £102,000 can be met from Transport Scotland grant

4 BACKGROUND

4.1 In 2006 Dundee City Council declared the whole of the local authority area as an Air Quality Management Area following detailed modelling of nitrogen dioxide and particulate matter. Road traffic accounts for significant amounts of this pollution and due to the city's built environment and topography the introduction of Low Emission Vehicles are seen as a key factor in reducing the overall levels of pollution.

4.2 Dundee is already widely recognised as one of the UK's leading cities for Ultra Low Emission Vehicles (ULEV) promotion and operation. The award of the status of an OLEV Go Ultra Low City will allow Dundee and the surrounding area to continue to lead in the step-change in ULEV uptake and make the region a globally recognised exemplar in this field.

4.3 In October 2015, Dundee City Council submitted a comprehensive proposal to the Go Ultra Low City Scheme. This resulted in an award of "Development Funding" of £1.86 million to deliver part of this proposal in a letter dated 3rd February 2016.

4.4 The council will develop 3 main charging hubs within the city, which will provide confidence to the city public, taxi companies, local businesses and commuters to invest in ULEV's safe in the knowledge they will find somewhere in the east, west or centre of the city to charge their ULEV.

4.5 As part of the grant award, OLEV requested that infrastructure was provided to support the travel requirements of the surrounding areas including commuters. Dundee is the main employment centre to a population of approximately 400,000.

4.6 Dundee City Council have also been shortlisted to apply for a grant to OLEV under the Go Ultra Low Taxi Scheme and are currently awaiting final guidance. This scheme would run alongside the city scheme and any funding would be utilised to improve the facilities for ULEV taxis in the city.

4.7 This grant will be used to further develop the already excellent charging infrastructure within the city and surrounding areas. The council is also working on introducing a number of Local Measures to promote the uptake of Ultra Low Emission vehicles in the area, including;

- Embedding ULEV's in all relevant Policy Frameworks.
- Continue to develop the UK's largest Local Authority fleet of pure electric vehicles.
- Work with wider public sector partners to develop procurement arrangements that promote the introduction of ULEV's
- Investigate possible areas of change to parking and permit holders within the city, to advance the case for ULEV's.
- Develop a range of interventions to encourage the uptake of ULEV within the taxi industry.

5 MAIN TEXT

5.1 Following from Article II of the City Development Committee held on 23 May 2016 (AN47-2016 refers), City Development Department have been developing detailed plans in conjunction with Office for Low Emission, Transport Scotland and various partners for electric vehicle charging infrastructure in Dundee and surrounding areas.

5.2 A Project Board has been set up to manage the projects and scoping documents have been developed for each individual aspect of the project. Work is ongoing with Tayside Procurement to develop a suitable framework for delivering all aspects of the project.

5.3 The following table gives details of the various projects identified and an estimated cost;

Project Description	Estimated Cost	Main Partners
Princess Street Hub	£892,902	
St Anne Lane Car Park	£286,164	
Queen Street Car Park	£286,164	
Perth Commuter Hubs	£68,229	Perth & Kinross Council & Transport Scotland
Fife Commuter & Golf Hub	£68,229	Fife Council & Transport Scotland
Angus Gateway Hub	£68,229	Angus Council & Transport Scotland
Carnoustie Commuter & Golf Hub	£68,229	Angus Council & Transport Scotland
NHS Tayside Projects	£72,389	NHS Tayside & Transport Scotland

Princess Street Hub – Appendix 1 shows detailed plans to develop the derelict land on Princess Street into a city centre charging hub, that will be available to the public, local taxi and private hire fleets, council vehicles, local businesses and will be the flagship charging hub the first of its kind in the UK.

St Anne Lane Car Park – A charging hub for vehicles in the West of the city that will be available to the public, local taxi and private hire fleets, council vehicles and local businesses.

Queen Street Car Park - A charging hub in the East of the city for vehicles that will be available to the public, local taxi and private hire fleets, council vehicles and local businesses.

Perth Commuter Hubs – Following discussion with Perth & Kinross Council and Transport Scotland representatives it is proposed to add 1 rapid charger to the current Broxden site and 1 22kw charger at sites in Crieff and Aberfeldy to develop hubs.

Fife Commuter and Golf Hub – Following discussion with Fife Council and Transport Scotland representatives it is proposed to add 1 Rapid charger and 2 x 22kw chargers to the main car park in St. Andrews to create a charging hub that will be available to the public, local taxi and private hire fleets, council vehicles and local businesses as well as support the sustainable transport of visitors to the major golf tournaments in the area.

Angus Gateway Hub – following discussion with Angus Council and Transport Scotland representatives it is proposed to create a charging hub in the Angus Gateway area that will be available to the public, local taxi/ private hire fleets, council vehicles and local businesses.

Carnoustie Commuter and Golf Hub - Following discussion with Angus Council and Transport Scotland representatives it is proposed to add 1 Rapid charger and 2 x 22kw chargers to a car park in Carnoustie to create a charging hub that will be available to the public, local taxi and private hire fleets, council vehicles and local businesses as well as support the sustainable transport of visitors to the major golf tournaments in the area. Exact locations to be agreed following further discussions.

NHS Tayside – It is proposed to site charging infrastructure at 6 NHS Tayside hospitals in the area that will facilitate the movement of equipment and people between the hospitals. The chargers will be available to the public, local taxi and private hire fleets, NHS vehicles and local businesses.

5.4 Dundee Partnership has also been awarded a sum of £102,000 from Transport Scotland as part of their Chargeplace Scotland Network. Again following discussions with local partners and Transport Scotland it is proposed to use the capital in the following areas;

- Additional Rapid Charger at St Anne Lane Car Park.
- Additional Fast Charger for 7th NHS Tayside site.
- Charging cables to trial home start vehicle charging.
- Council depot charging to further develop electric fleet.
- Fast Chargers to be installed in Bell Street Car Park.
- Rapid Charger for University of Dundee green hub.
- Fast Charger for Dundee and Angus College Kingsway Depot.

6 POLICY IMPLICATIONS

6.1 This Report has been screened for any policy implications in respect of Sustainability, Strategic Environmental Assessment, Anti-Poverty, Equality Impact Assessment and Risk Management. There are no major issues.

7 CONSULTATIONS

7.1 The Chief Executive, the Executive Director of Corporate Services and Head of Democratic and Legal Services have been consulted and are in agreement with the contents of this report.

8 BACKGROUND PAPERS

8.1 None.

Mike Galloway
Executive Director of City Development

Neil Gellatly
Head of Roads & Transportation

NHG/GMcR/MS

20 July 2016

Dundee City Council
Dundee House

APPENDIX 1

Build Sect

Front Iso

Street Iso

Street Context

Cross Section A

Cross Section B

Site Plan 7m

Princes Street

Open space

B Sub Sta

2.5m

24.5m

SPARKS

SPARKS

Site Plan 1:100

FEASIBILITY

Electric charging hub project

Client: Spark Energy
Project: Electric charging hub project
Location: Princes Street, Edinburgh
Scale: 1:100
Date: 10/10/16
Author: [Name]
Checked: [Name]
Approved: [Name]

Author: [Name]
Checked: [Name]
Approved: [Name]