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## Low Carbon Travel and Transport Challenge Fund

### Round 1 awards

Round 1 awards were announced on 29 June 2017 by the Minister for Transport and Islands. Four organisations received funding.

#### **Dundee City Council – Dundee Travel Hub, Dundee**

The 'Dundee Travel Hub' Project will develop an active travel and low carbon transport hub in the centre of Dundee's major new civic space at the city's waterfront. The Project will support Dundee City Council's ambition to encourage both locals and visitors to engage in active travel including walking and cycling, to learn about low carbon transport and to encourage behaviour change to more sustainable ways of travelling. The hub will offer residents and visitors bike hire and bike storage, host community outreach activities and work to promote sustainable modes of travel in Dundee - including promotion of car clubs and electric vehicles.

Alongside the hub development in the Waterfront, the funding will also be used to open up an improved route for cyclists and pedestrians through Dundee Port, creating a more attractive link between the city centre and Broughty Ferry.

#### **Falkirk Council - Healthier Greener Falkirk, Falkirk**

The 'Healthier Greener Falkirk' Project will be undertaken by Falkirk Council and its delivery partner Forth Environment Link. They will develop a sustainable transport project incorporating a public-facing active travel hub in Falkirk town centre and a low carbon vehicle hub at Falkirk Community Stadium. The aim of the project is to help create "a healthier, greener Falkirk, with a lower carbon option for every type of journey - people walking, cycling and using electric vehicles in their daily lives, working towards low carbon by default." The Project will provide 20 electric vehicle charging bays and a 156-bay solar photo voltaic array to harness energy for charging at the low carbon hub. The active travel hub will provide public access to bikes, e-bikes, facilities, maintenance equipment, education, and public bike share. These will be combined with measures to change behaviour to encourage healthier, greener travel choices.

#### **North Ayrshire Council - Irvine Active Travel Hub, Irvine, North Ayrshire**

The 'Irvine Active Travel Hub' Project will establish an active travel hub in the town centre of Irvine and satellite hubs at seven strategic transport halts across North Ayrshire. The hub intends to focus

on the provision of information, personal travel advice and training engaging with local residents and businesses. The Project will establish a bike library and install public infrastructure to support active travel including: cycle parking; public cycle pumps; public cycle tools and an e-bike charging station. North Ayrshire Council will also construct a closed cycle loop and invest in the upgrade of a number of path routes to support travel into the town centre and across the town.

### **Perth and Kinross Council - Broxden Low Carbon Transport Hub, Perth**

The 'Broxden - Low Carbon Transport Hub' Project will create an innovative, low carbon transport hub at a key strategic site on the outskirts of the growing City of Perth, Broxden Park and Ride. The aim of the project is to broaden the range of refuelling facilities and transport modes available and to provide sustainable travel options to local residents, businesses and visitors to the region. The project includes the expansion of existing electric vehicle charge points with 3 additional rapid and 12 additional slow electric vehicle charge points. Solar PV canopies integrated with a battery storage system to hold on-site generated energy will be developed to support the EV charging stations. To encourage active travel in and around the city the hub will feature new secure bike storage facilities and will develop transport information mobile applications providing details of public transport options.

## **Round 2 awards**

Round 2 awards were announced on 8 August 2018 by the Cabinet Secretary for Transport, Infrastructure and Connectivity. Ten organisations received funding.

### **Angus Council – Angus on the Go**

Angus on the Go aims to develop a Low Carbon Transport electric vehicle charging hub at Orchardbank in Forfar. It will be located adjacent to the A90 corridor, the main north-south route through eastern Scotland, and provide a "service centre" type solution where people stop for a quick charge. The hub will consist of 28 new spaces with 9 charging points including 4 rapid units, 3 fast and 2 slow. The project also intends to generate energy to support the charging points from installing solar canopies.

### **Cairngorms National Park Authority – Speyside Way Extension**

The Speyside Way Extension project proposes to construct a new 2.8 km multi use non-vehicular path from Tromie Bridge to Ruthven Barracks (then linking to Newtonmore via NCN7). It will support functional trips by providing an off road path which links the Strath communities of Newtonmore, Kingussie, Kinraig, Aviemore, Boat of Garten, Nethybridge, Grantown on Spey and Cromdale.

### **Dundee City Council – Multi-storey EV Charging Hubs**

The Multi-storey EV Charging Hubs project will see the installation of electric vehicles charging hubs in Dundee's three main multi-storey car parks: Olympia, Greenmarket and Bell Street. Each hub will install electric vehicle chargers across 20 bays, doubling the number of public charging points in the city. Each hub will install solar canopies to integrate solar energy and battery storage to reduce operational costs and provide clean electricity. The hubs will benefit local commuters, shoppers, businesses and local residents who will have the opportunity to use the charging points in the

evenings. In particular, the project will evaluate the concept of providing workplace charging during the day and off-peak charging to local residents of the many nearby tenements and flats.

### **East Ayrshire Council – Ayrshire Athletics Arena ULEV Charging Hub**

The Ayrshire Athletics Arena ULEV Charging Hub aim is to expand the existing electric vehicle charging facilities through the installation of an additional 5 rapid chargers supplying an extra 10 bays, which will be powered by a solar canopy and new electrical sub-station to help lower CO<sub>2</sub> emissions and support electrical load demands. The location is sited at Ayrshire Athletics Arena in Kilmarnock, adjacent to the A77, which currently has the highest levels of electric vehicle charging within East Ayrshire.

### **East Ayrshire Leisure – Irvine Valley Trails Project**

The Irvine Valley Trails Project will deliver an upgraded network of active travel routes that will connect the towns and villages of the Irvine Valley with each other, connect them to surrounding locations in East Ayrshire, and provide links to East Renfrewshire and South Lanarkshire - thus providing a variety of active travel options for non-motorised travellers.

### **Moray Council – Speyside Low Carbon Hub**

The Speyside Low Carbon Hub project includes the installation of electric vehicle charging points for ultra-low emission vehicles, incorporating 2 rapid chargers, one of which will be dedicated for charging public transport buses. A fast charger is also included for the dedicated use of the local car club to support the introduction of a car & e-bike club for the Speyside area. The hub will also include open cycle storage and bike repair stations at strategic points on the Speyside Way. These will be close to vehicle parking locations to encourage park and ride for those not confident to undertake longer journeys by bicycle.

### **Orkney Islands – Stromness Multi Modal Low Carbon and Active Travel Hub**

The Stromness Multi Modal Low Carbon and Active Travel Hub will provide a combination of transport decarbonising initiatives covering ferries, buses, cars and bicycles, utilising surplus electricity from Orkney's renewable wind and tidal energy. The Stromness Ferry terminal is chosen because it is here that all modes of transport come together, where the mainland ferry sits for up to 16 hours a day on diesel engines and where the opportunity exists to electrify the arterial Stromness to Kirkwall bus route. These projects will reduce the current carbon footprint of these services and, supported by electric vehicles charging points and bicycle charging facilities with the addition of a further two e-bikes, will have a profound impact on the transport carbon footprint in Orkney.

### **SEStran – GO E-Bike**

The South East of Scotland Transport Partnership (SEStran) is launching a regional e-bike program; GO e-Bike with the aim of increasing usage and awareness of power assisted cycling across the South East of Scotland and beyond. GO e-Bike aims to deliver six community-led electric bike hubs across the SEStran region. A key aim of the project is to make electric bicycles more accessible in areas of transport poverty and deprivation. SEStran will be engaging with community groups who have identified an opportunity to enhance the life of the community. The GO e-Bike project will provide e-bikes, infrastructure and offer promotion and training for the use of the e-bikes to deliver a range of activities to increase participation.

### **Stirling Council – Castleview Park & Choose**

Stirling Council's Park & Choose Hub at Castleview park and ride aims to provide commuters, residents and visitors with increased opportunities for active and low carbon travel. The Hub will generate & store renewable energy through solar canopies covering 360 car parking bays, providing power for the smart charging of up to 64 electric vehicles, e-bikes and on-site use. It will provide and promote low carbon transport option through a bike share scheme, electric vehicles hire and e-bike charging. It will provide and promote active travel options and information: bike lockers and racks and e-bike hire. The 0.5 km of path construction will safely connect the Hub to the existing access network, enabling functional journeys between the Hub and key employment and educational centres. Activities will be supported by a programme of employer and community engagement through staff based on site.

### **The Highland Council – Inverness Low Carbon and Active Travel HUB**

The Inverness Low Carbon and Active Travel Hub will be located within the Rose Street multi-storey carpark. The hub will establish an electric vehicles charging hub with 13 multi-use electrical vehicle charging points that is capable of further expansion and will trial innovative energy supply sources and storage that can act as a catalyst for encouraging the transition to ultra-low emission vehicles across the Highlands. The project will also develop an Active Travel Hub, which will provide walking and cycling advice, bike hire, cycling workshop and support outreach programmes. A secondary multi modal satellite hub will be located at Raigmore Hospital. This will provide a large bike hub for staff and patients, electric vehicles rapid charge points, e-car club and provide improved public transport facilities and information.