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European Regional Development Fund  
Investing in a Smart, Sustainable and Inclusive Future

## 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 photovoltaic array to harness energy for charging at the low carbon hub. The active travel hub will provide public access to bikes, ebikes, 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 stops 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 ebike 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 three 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 electric vehicle 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, which will provide 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 will provide a 'service centre' type solution where people stop for a quick charge. The hub will consist of 28 new spaces with nine charging points, including four rapid units, three fast and two slow. The project also intends to generate energy to support the charging points by installing solar canopies.

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

The Speyside Way Extension project proposes to construct a new 2.8km 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, Kincaig, 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 vehicle 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 living in nearby tenements and flats.

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

The Ayrshire Athletics Arena ULEV charging hub aims to expand the existing electric vehicle charging facilities through the installation of five additional rapid chargers, supplying an extra 10 bays, which will be powered by a solar canopy and new electrical sub-station. This will help lower carbon dioxide 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, to surrounding locations in East Ayrshire, and provide links to East Renfrewshire and South Lanarkshire. This will provide 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 two rapid chargers, one of which will be dedicated to 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 and ebike 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 enough 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 was chosen because it offers a location where 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 vehicle charging points and bicycle charging facilities with the addition of a further two ebikes, 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 ebike programme, 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 ebikes, infrastructure, and offer promotion and training for the use of the ebikes to deliver a range of activities to increase participation.

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

Stirling Council's Park and 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 and store renewable energy through solar canopies covering 360 car parking bays, providing power for the smart charging of up to 64 electric vehicles, ebikes and on-site use. It will provide and promote low carbon transport options through a bike share scheme, electric vehicle hire and ebike charging. It will provide and promote active travel options and information, through bike lockers, racks and ebike hire. The 0.5km 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 vehicle charging hub with 13 multi-use electrical vehicle charging points, which is capable of further expansion. It will also 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 vehicle rapid charge points, an e-car club and provide improved public transport facilities and information.

## Round 3 awards

Low Carbon Travel and Transport Challenge Fund Round 3 awards were announced on 10 September 2020 by Michael Matheson, Cabinet Secretary for Transport, Infrastructure and Connectivity. Ten organisations received funding.

### **Falkirk Council - Westfield Crossing and Active Travel Link**

This project includes construction of a 4.2km cycle and pedestrian network between four quadrants of the A9 / A904 junction, alongside the spurs of these roads. The network will comprise a bridge (600m as part of the bridge and ramps) to deliver seamless active travel options across Falkirk. The shared paths will be suitable for easy wheelchair and cycle access.

### **Lochaber Environmental Group - Active Travel Fort William - Electric Bike Share Scheme**

The project proposes an ebike share scheme that will use electric bike share equipment and technology to deliver a state-of-the-art active travel system for the residents of Fort William. Comprising of 80 electric bikes and 15 docking stations for securing and charging bikes at key locations, it also uses advanced IT solutions, including GPS to track bikes, trip routing and security. A mobile app will also be developed that will allow users to unlock bikes, monitor individual bike rides and track bike locations. Of the 15 docking stations, 10 will come with charge points, while the other five virtual stations will supply bike racks for securing ebikes.

### **Huntly and District Development Trust - Huntly Green Travel Hub**

The project proposes to establish a new town centre location for the green travel hub, which will include hot desks, ebike maintenance services, bike servicing and sales, and a social meetup point for cyclists. A 'clean' area within the shop will offer route guides, maps, and general tourist information. The project also includes the creation of a low carbon fuelling satellite hub to be located at Greenmyres wind farm and ecobothy. The site will install solar charging for ebikes as well as smart lockers. It also provides a recreational space with links to local forest trails and functional routes to Huntly and Inch. 10 new electric bikes will be purchased, and community bike racks will be installed in Huntly.

### **East Ayrshire Council - Coalfield Communities Landscape Partnership Access Project**

This project is part-funded by the National Lottery Heritage Fund and the Low Carbon Travel and Transport Challenge Fund. The project proposes to provide 49km of upgraded path, 10.5km of which will be new. The paths will be located within the Doon Valley and the Lugar Valley in East Ayrshire. There will be new sections to connect current paths, creating a new, long-distance route. The new and improved active travel route links the towns and schools of

the river valleys and connects with both existing and proposed active travel hubs within each town (Ochiltree, Cumnock and Dalmellington). Interpretation boards will be installed throughout the route to explain the landscape, the landmarks and items of natural heritage interest.

### **Glasgow Life - Transforming Pollok Country Park**

The project proposes to deliver a low carbon travel and transport hub as well as the construction and upgrade of 2.34km of path and cycle networks. This will be delivered as part of the Transforming Pollok Country Park project, and includes an active travel management plan that runs alongside the major refurbishment of the Burrell Collection and redisplay of its collections, to deliver a new accessible and enhanced visitor experience.

Transforming Pollok Country Park includes the installation of lighting, improved wayfinding and level access on key routes, and the provision of cycle shelters at Pollok House and park entry points at Pollokshaws Road and Nether Pollok. It will also see the provision of a fleet of ebikes for park visitors and cycle hire storage/workshops, new bus stop infrastructure to support an electric shuttle service, and provision of electric vehicle charging spaces for visitors and local residents. The project aims to prioritise pedestrians and cyclists within the park while reducing private car access via a primary vehicle entry point near the Burrell Collection at Nether Pollok, and provision of a new perimeter car park.

### **Isle of Gigha Heritage Trust - Gateway to Gigha**

The project proposes to deliver construction and upgrade of path networks spanning 8km across the Isle of Gigha, interlinking sites of interest and importance. The existing active centre located adjacent to the ferry slip will act as the location for the active travel hub, with bikes and ebikes available to hire, encouraging a reduction in car-borne visitors to the island. The project will also include a newly created Island Ranger position, which aims to encourage and promote the sustainable use and protection of Gigha's landscape and assets.

### **Renfrewshire Council - Renfrewshire Sustainable Travel**

The project proposes to link existing and planned active sustainable travel projects and low carbon transport hubs in Paisley and Renfrewshire. The project contains three core elements all designed to make active travel a viable and higher quality experience. Firstly, a cycle route via Causeyside Street linking Canal Street rail station (National Cycle Route 7), Paisley Gilmour Street rail station, Renfrew town centre and the Glasgow Investment Area. This is linked into the second element, which is an electric vehicle charging hub to be located at Stow Brea Council Park, and which will serve Canal Street rail station and National Cycle Network 7. Lastly, improvements to the Paisley town centre gateway junctions are planned. These enhancements will be in four locations including Causeyside Street and Canal Street.

### **Aberdeenshire Council - Portlethen Integrated Travel Town**

The project will see the creation of three new shared use paths, which will be achieved by a combination of widening existing footpaths (totalling 2.14km) that are currently not suitable for shared use, as well as building new paths. The first shared use path between Cookstone and Portlethen Primary School aims to improve access to the school and encourage walking and cycling while bettering local air quality. The second path, Muirend Road to Badentoy, will support better access between the industrial estate, the town centre and the railway station. The final path is be another shared use path linking Muirend Road to Cookstone Road, which aims to create a higher quality provision for both pedestrians and cyclists, as well as reduce the need for car trips to the retail estate.

### **Moray Council - Speyside Low Carbon Hub - Path Upgrade Carron to Cragganmore**

The project proposes to extend the upgrading of the Speyside Way to the southwest as far as Cragganmore, connecting additional businesses and residents to the main settlements in Speyside. The path upgrade will make it fit for purpose all year round for both walking and cycling, and will provide a safe direct route linking communities away from the busy A95 trunk road. This would enable a larger number of small settlements and businesses to connect to the existing upgraded path. Cycle counters will be installed on the upgraded Speyside Way to provide data for monitoring, evaluation and communication and marketing.

### **North Ayrshire Council - Ardrossan Low Carbon Hub**

The project proposes to create a low carbon travel and transport hub across two locations in Ardrossan. The first hub at Ardrossan Harbour will include electric vehicle chargers (two rapid and two fast chargers for a total of eight bays) and electric bike charging stations, cycle parking, active travel information and signage, resting points and bike maintenance facilities. Similar to the first, the satellite hub at the nearby North Shore site will include electric vehicle and electric bike charging stations, cycle parking for commuter journeys, public bike pumps and tools, active travel information and signage, public transport information and signage and resting points. The 1.3km path will then connect the two sites to the town centre, constructing missing links and creating a more connected network for the town.