



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

Smart City specifics

Aberdeen

Smart Infrastructure – Intelligent Street lighting £7.3m total cost (ERDF grant of £2.8m, match funding of £4.5m from the participating cities) Intelligent Street Lighting delivers a range of benefits, including more controllable and efficient lighting, delivering energy savings and enhanced public and road safety.

Open Data operations £1.5m total cost (ERDF grant of £0.63m; match funding of £0.95m from the participating cities)

These operations will create data publication platforms with the introduction of data analytics in order to allow the cities to make evidence based decisions in order to improve services and delivery.

Energy Operation £1.14m total cost (ERDF grant of £0.46m; match funding of £0.68 from the participating cities)

This operation will pilot installation of smart sensors and temperature monitoring equipment in a small number of vulnerable households to monitor and manage energy usage. The real time and historical data produced can be used by a variety of stakeholders eg councils, health and social care services, to help provide better services. Smart remote data monitoring can provide a platform for understanding and analysing the way people use energy as well as create a baseline.

Smart Services – Mobility (LUPS): £1.95m (ERDF grant of £0.78m; match funding of £1.17m from the participating cities)

This project will expand and maximise the use of car club vehicles by enabling the smarter use of shared pool car club vehicles. It will focus on the public sector smarter use of pool car club vehicles by allowing spare capacity to be shared and booked.

Aberdeen City Council Leader Councillor Jenny Laing said: “We are delighted to be part of the Scottish Cities Alliance and the Smart Cities Projects; their great ambitions for Scotland’s city economies match those of Aberdeen City Council.

“In 2012 Aberdeen City Council embarked on its journey towards becoming a Smarter City and we are currently delivering substantial transformation, with a £1 billion capital programme in place.

“With the Smart Cities Projects including; Smart Infrastructure, Open Data, Energy Operation and Smart Services we are striving to ensure that both the people of Aberdeen and the businesses in our city have a bright future.

“As we continue to anchor the economic long-term future of the region, Aberdeen is very much open for business and the investment will allow the city to face current challenges whilst secure the future prosperity of the region.”

Dundee

Open Data operations £1.58m total cost (ERDF grant of £0.63m; match funding of £0.95m from the participating cities)

These operations will create data publication platforms with the introduction of data analytics in order to allow the cities to make evidence based decisions to improve services and delivery.

Smart Services – Mobility (LUPS) £1.95m total cost (ERDF grant of £0.78m; match funding of £1.17m from the participating cities).

In Dundee, the ShareMORE project will enable the development of the Dundee Smart Mobility Hub, which will include the design and development of an operational toolkit for a multimodal vehicle sharing and a smart mobility hub in the Dundee Waterfront to manage a portfolio of mobility solutions, the development of data and analytical tools to provide intelligence to mobility applications and evidence of costs and fuel savings of using Shared Fleets and a number of Shared Access Parking solutions that promotes shared transport solutions.

Smart Services – City Operations Centres £1.49m total cost (ERDF grant of £0.6m; match funding of £0.89 match from the participating cities)

This will bring together data critical for city management in Dundee and Perth allowing for integrated traffic, public safety and incident management.

Smart Services – Waste: £0.78m total cost (ERDF grant of £0.31m; match funding of £0.47m from the participating cities)

This operation will support a collaborative approach in relation to the improved and enhanced delivery of waste management services, including deployment of smart bin technology and innovative smart technology deployed in the waste management process to enhance waste and recycling collections through improved monitoring and sharing of data and information.

Ken Guild leader of Dundee City Council said: "Dundee is already at the forefront of clean, efficient, integrated transport solutions and this grant will help us to demonstrate how some of the more theoretical projects could work in the real world."

Edinburgh

Smart Services – Waste £0.78m total cost (ERDF grant of £0.31m; match funding of £0.47m from the participating cities)

This operation will support a collaborative approach in relation to the improved and enhanced delivery of waste management services, including deployment of smart bin technology and innovative smart technology deployed in the waste management process to enhance waste and recycling collections through improved monitoring and sharing of data and information.

Glasgow

Smart Infrastructure – Intelligent Street lighting £7.3m total cost (ERDF grant of £2.8m, match funding of £4.5m from the participating cities)

Intelligent Street Lighting delivers a range of benefits, including more controllable and efficient lighting, delivering energy savings and enhanced public and road safety.

Open Data operations £1.58m total cost (ERDF grant of £0.63m; match funding of £0.95m from the participating cities)

These operations will create data publication platforms with the introduction of data analytics in order to allow the cities to make evidence based decisions in order to improve services and delivery.

Smart Services – Waste £0.78m total cost (ERDF grant of £0.31m; match funding of £0.47m from the participating cities)

This operation will support a collaborative approach in relation to the improved and enhanced delivery of waste management services, including deployment of smart bin technology and innovative smart technology deployed in the waste management process to enhance waste and recycling collections through improved monitoring and sharing of data and information.

Inverness

Open Data operations £0.16m total cost (ERDF grant of £0.08m; match funding of £0.08m from The Highland Council)

These operations will create data publication platforms with the introduction of data analytics in order to allow the cities to make evidence based decisions in order to improve services and delivery.

Smarter Journeys £1m total cost (ERDF grant of £0.5m; match funding of £0.5m from the Highland Council)

Complementary to the Smart Services – Mobility (LUPS) Operation, this will enable development of a smart, integrated, and expandable transport network across Inverness, founded on the implementation of wireless communications infrastructure to deliver innovative ITS solutions for traffic management, parking and public transport priority across the city.

Margaret Davidson, Leader of the Highland Council said: “I am very pleased to welcome this ERDF funding announcement for Inverness and the Highlands. Smart technologies offer a range of opportunities for the region and this investment will support innovative technology in several key projects including traffic management, public transport and other services.”

Perth

Smart Infrastructure – Intelligent Street lighting £7.3m total cost (ERDF grant of £2.8m, match funding of £4.5m from the participating cities)

Intelligent Street Lighting delivers a range of benefits, including more controllable and efficient lighting, delivering energy savings and enhanced public and road safety.

Open Data operations £1.58m total cost (ERDF grant of £0.63m; match funding of £0.95m from the participating cities)

These operations will create data publication platforms with the introduction of data analytics in order to allow the cities to make evidence based decisions in order to improve services and delivery.

Smart Infrastructure – Innovation Labs £0.62mk total cost (ERDF grant of £0.25m; match funding of £0.37m from the participating cities)

This operation will create an innovation hub facility in Perth which can develop new businesses in the digital and creative sectors linking strongly to research and education. The Hub itself aims to foster new businesses and encourage entrepreneurs in Perth and Kinross; but within the facility the Innovation Lab intends to take this further in terms of developing smart city technologies and solutions.

Smart Services – City Operations Centres £1.49m total cost (ERDF grant of £0.6m; match funding of £0.89m from the participating cities)

This will bring together data critical for city management in Dundee and Perth allowing for integrated traffic, public safety and incident management.

Smart Services – Waste £0.78m total cost (ERDF grant of £0.31m; match funding of £0.47m from the participating cities)

This operation will support a collaborative approach in relation to the improved and enhanced delivery of waste management services, including deployment of smart bin technology and innovative smart technology deployed in the waste management process to enhance waste and recycling collections through improved monitoring and sharing of data and information.

Councillor Ian Miller, Leader of Perth & Kinross Council, said: “Technology has an immense impact on every aspect of our lives. Smart solutions to everyday activities such as managing traffic, street lighting, and reducing and controlling waste can help target resources in ways that which will have the most benefit for services, businesses and residents. Pooling our efforts through the Scottish Cities Alliance allows us to learn from our partner cities, and achieve economies of scale when pursuing new technologies.

“I am particularly excited about the development of an innovation hub facility within Perth, which will help develop new businesses in the digital and creative sectors, encouraging entrepreneurs, and positions the Perth City region as a destination for employers looking to develop and grow digital businesses.”

Stirling

Open Data operations £1.58m total cost (ERDF grant of £0.63m; match funding of £0.95m from the participating cities)

These operations will create data publication platforms with the introduction of data analytics in order to allow the cities to make evidence based decisions in order to improve services and delivery.

Energy Operation (Stirling and Aberdeen): £1.14m total cost (ERDF grant of £0.46m; match funding of £0.68m from the participating cities)

This operation will pilot installation of smart sensors and temperature monitoring equipment in a small number of vulnerable households (in Aberdeen) and public buildings (Stirling) to monitor and manage energy usage. The real time and historical data produced can be used by a variety of stakeholders eg councils, health & social care services, to help provide better services. Smart remote data monitoring can provide a platform for understanding and analysing the way people use energy as well as create a baseline.

Smart Services – Mobility (LUPS) £1.95m total cost (ERDF grant of £0.78m; match funding of £1.17m from the participating cities)

Stirling's Movement Information Platform will provide a SMART travel and transport monitoring framework

Smart Infrastructure – Intelligent Street lighting £7.3m total cost (ERDF grant of £2.8m, match funding of £4.5m from the participating cities) Intelligent Street Lighting delivers a range of benefits, including more controllable and efficient lighting, delivering energy savings and enhanced public and road safety.

Stirling Council Leader Johanna Boyd said: "It's a very exciting time for Stirling. Following the announcement of our successful City Deal bid - which will bring investment from the UK and Scottish Government in to our city and rural areas – we will also benefit from a variety of projects through the Scottish Cities Alliance 'Smart Cities' initiative. The Open Data project in particular will fit well with our proposal to establish a Digital District in Stirling, and the pilot installation of smart sensors in our public buildings will support our Council priority to adopt a pragmatic approach to sustainability which protects and enhances our local environment."

Ends