

8th City Update



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



ERDF 2014-20 Programme, Strategic Intervention: Scotland's 8th City - the Smart City

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[January to March 2017]

The **8th City Update** newsletter is for members of the 8th City Advisory Group and wider stakeholders. It offers an overview of recent and current programme activity plus links to Smart Cities strategy. The **8th City Update** is produced on a Quarterly basis, with input and contributions welcomed from 8th City partners. For info please contact: 8th_city_pmo@glasgow.gov.uk

8th City programme - Progress Report

Following the Managing Authority Approval Panel meeting in December 2016, city partners collaborating on the 8th City Strategic Intervention (the '8th City programme') moved into the first quarter of 2017 with funding approved for an ambitious Smart City programme of 27 projects, ranged across 9 themed clusters - or 'Operations'. These Operations and supporting projects are outlined below:

Operation / 'Cluster theme'	City Projects
Data	Aberdeen; Dundee; Glasgow; Inverness; Perth; Stirling
Smart Infrastructure: Intelligent Street Lighting	Aberdeen (x2); Glasgow; Perth; Stirling
Smart Infrastructure: Water Management	Glasgow
Smart Infrastructure: Innovation Labs	Perth
Smart Services: Energy	Aberdeen; Stirling
Smart Services: Mobility	Aberdeen; Dundee; Inverness; Stirling
Smart Services: Public Safety	Dundee; Perth
Smart Services: Waste	Dundee; Edinburgh; Glasgow; Perth; Stirling
Smart Communities	Glasgow

This list doesn't include the Operation to support programme management (i.e. the 8th City PMO) nor the separate Operation applications which were required for Data and Smart Mobility projects in Inverness.

During Quarter 1 of 2017, the completion of **Project Initiation Documentation (PIDs)** became the focus for cities. By the end of March, almost all projects had either approved or well-developed PIDs in place. These will be used to support project delivery and to establish project baselines prior to start.

The 8th City programme has the following anticipated **outputs**:

Output Indicator	Programme Target
Data sets opened for Innovation	150
Smart Services developed	20

Based on targets outlined in PIDs for each project, it is anticipated that successful delivery of the 27 projects may actually lead to the creation of higher numbers of Data Sets and Innovative Services. Progress towards achieving these outputs will be tracked via **Project Status Reports**, produced on a monthly basis for each project.

At the same time that project leads were developing the delivery framework for each project, via the PIDs, work was also underway on **EUMIS**, with milestones and financial details for all Operations now entered and the system going 'live' on 17th March 2017. The first date for 8th City partners to submit a claim was 14th April, with further submission deadlines during each quarter to early 2019.

In January the Managing Authority (MA) announced a **review of structural funds**, including a focus on both the commitment and expenditure of funding already allocated, as well as the priorities and processes to deal with the remaining £400M of unallocated funding (post 2019).

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In undertaking the review, the Managing Authority's initial engagement was via Lead Partners for ERDF Strategic Interventions: in the case of the 8th City programme, this is Glasgow City Council. However, in seeking to encompass views across all cities on the 8th City programme, the MA was invited to present to the 8th City Advisory Group of 22nd February, Dundee, and the consultation survey was subsequently shared with Advisory Group members.

Across the 8th City programme, feedback on the structural funds review included support for work to explore the possibility of both an extension to programme timescales (currently scheduled to complete by December 2018) and a second phase funding allocation for the period from 2019 onwards.

The findings of the Structural Funds Review are currently being considered by the Joint Programme Monitoring Committee (JPMC) with decisions and recommendations regarding this funding expected in June 2017. In advance of this, a meeting has been arranged in early May between the Managing Authority and the 8th City PMO.

As 8th City projects move from design to delivery phase, partners are engaged in work to work to enhance communications and information sharing across city partners and wider stakeholders. This will include production of a leaflet and display banners for the 8th City programme, and development of a 'Sharing and Learning Platform' (identified as one of the Pathfinder Programmes in the Smart Cities Scotland Blueprint) as outlined on page 5 of this **8th City Update**.

Jonathan Brown, Programme Manager, 8th City PMO



8th City programme - City Updates

Aberdeen

Aberdeen City Council is a project partner in the European-funded project 'Civitas PORTIS' with the purpose of designing, demonstrating and evaluating integrated sets of sustainable measures that address the mobility problems of port cities across Europe. The results of Civitas PORTIS and the ambition of the consortium is to show other port cities in Europe and beyond how to develop and implement a vision of sustainable mobility that can increase functional and social cohesion between city centres and ports, whilst driving economic growth and improving the attractiveness of urban environments.



The project is 100% funded by the EU under the Horizon 2020 funding programme, which is the European Union's €80 billion research and innovation programme. A grant of approximately £3.2 million has been awarded to Aberdeen City Council and its local partners for the Civitas PORTIS project.

The project is being led by Aberdeen City Council along with partners including: Robert Gordon University; Aberdeenshire Council; NESTRANS; Aberdeen Harbour Board; and the University of Aberdeen.

Different project partners are involved in delivering different parts of the project, while working together to ensure the solutions are integrated and are meaningful across the city and shire as a whole. Further information about the project is available at <http://civitas.eu/portis>.

Amye Robinson, Senior Projects Officer, ARobinson@aberdeencity.gov.uk

Glasgow

World-leading Imaging Centre of Excellence (ICE) officially opened

ICE brings together world-leading research, cutting edge technology and international business investment under one roof and will act as a hub for translating science into economic and patient benefit for Glasgow, Scotland and the UK.

The unique medical research facility, which was built in collaboration with NHS Greater Glasgow and Clyde and with £16m funding from the Medical Research Council and Glasgow City Region City Deal, was opened by the Chief Executive Designate of UK Research and Innovation (UKRI), Professor Sir Mark Walport.



Subscribe to the Glasgow City Region City Deal YouTube channel [ow.ly/5ae430aYE3I](https://www.youtube.com/channel/UC5ae430aYE3I) - to keep up to date on the latest progress. Further information also available at [@GlasgowCityDeal](https://twitter.com/GlasgowCityDeal)

Perth

All Energy – Glasgow SECC 10-11 May 2017

Graham Pinfield from Perth will be presenting Smart Cities Scotland at the All Energy Conference and Exhibition in Glasgow on Wednesday 10th May in the Sustainable and Smart Cities Theatre from 16:00-17:30.

Chaired by Sue Kearns, Deputy Director of Energy Deployment, Scottish Government the session will showcase smart city innovation across the UK core cities and also the projects being developed as part of the 8th City ERDF Strategic Intervention.



Speakers include Dr Colin Birchenall from the Local Government Digital Office and Richard Bellingham from the Institute for Future Cities, University of Strathclyde. Register for the conference [here](#)

UK City of Culture 2021 – Perth

Perth has been finalising its bid to be UK City of Culture in 2021 for submission to UK Government on 28th April.

Investment in digital transformation and smart cities projects feature in the bid and the opportunities for creative digital projects as part of Perth's proposed events and activities are also highlighted.



Eleven cities are currently bidding to succeed Hull - the current UK City of Culture - including Paisley, Sunderland, Coventry and Warrington and St David's with a shortlist announced in July and the winner in December.

Pledge your support for Perth [here](#).

Graham Pinfield, Perth & Kinross Council

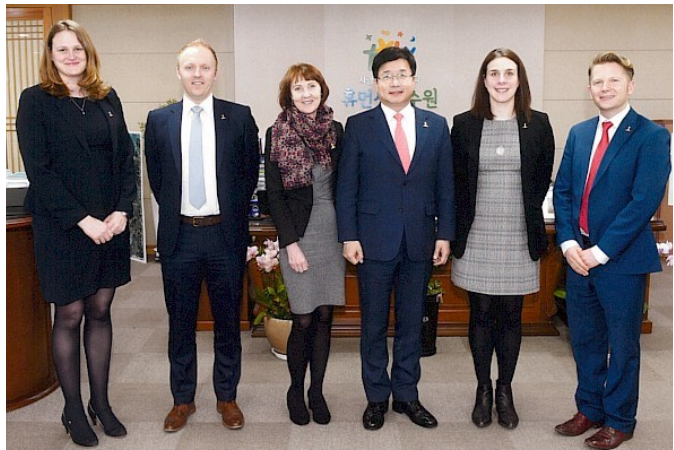
The complexities of participation and the use of technology in managing a council infrastructure might make for an interesting case study in [a new MOOC on open government from Delft University of Technology](#). The [five week course starts on 17th April on Edex](#).

Scottish Cities Alliance - update

EU World Cities Programme 2017

The Scottish Cities Alliance is delighted to be participating in the EU World Cities Programme 2017. This European Union (EU) initiative – supported by the European Parliament – promotes long-term working relations between cities of the EU and cities in other countries.

The Alliance will work closely with four cities in the Republic of Korea - Suwon, Seoul, Gwangju and Busan - as well as Barcelona, Eindhoven and Tampere on collaborative activity over the course of the next year aimed at furthering our mutual ambitions in relation to Smart, Low Carbon and Hydrogen activity.



Scottish Cities Alliance delegation with Tae Young Yeom, Mayor of Suwon

The kick off meeting of the participating cities took place in Korea in March and provided an environment where all cities could share their learning and experience across a wide range of urban issues, identify synergies between existing activity and opportunities to learn from best practice elsewhere as well as develop some initial thoughts on collaborative projects the cities might pursue over the course of the next year. The Alliance was also able to attend a number of site visits to learn first hand about the issues and solutions being developed by the Korean cities. Visits included Incheon Songdo Smart - a newly designed Smart City on reclaimed marsh land in; Bukchon IoT project - a trial area to resolve complex urban problems in Seoul; Suwon's Safety Convergence Centre which uses advanced IT infrastructure and data to drive urban management, competitiveness and quality of life; and the transformation of the Haenggung-dong district in Suwon into an [EcoMobility village](#) as part of the EcoMobility World Festival.

Having established strong foundations and relationships for future working the Alliance partners will now seek to capitalise the opportunities its participation in World Cities 2017 will bring in terms of advancing their own aims and ambitions both with the Korean cities as well as with the European partners. Initial thoughts are that the programme offers great opportunities to build strong relationships with industry in relation to our [Hydrogen](#) activity including Doosan Fuel Cell in Busan and Kia in Gwangju; explore opportunities to build upon the open data work taking place as part of the ["Scotland's 8th City - the Smart City" ERDF Programme](#) including for example the creation of open data value chains as well as ways to build in Innovation in procurement.

For information on the programme please [click here](#). To learn about our Korean experience please [click here](#).

A Smart Start

Scottish Cities Alliance held a Smart Cities breakfast at MIPIM last month.

MIPIM is the gathering of the world's biggest property players, which the Alliance attends to promote the £7.5billion of opportunities in its Pitch Book, and took place in Cannes, France March 14-17.

With investors showing a greater interest in cities' "Smart" ambitions, the Smart Cities breakfast featured a roundtable discussion, which was moderated by Mark Jenkinson, Siemens City Account Manager London.

This covered Smart Cities Trends, Open Data Operations and how that will improve services and their delivery; Smart Infrastructure such as intelligent street lighting, which will deliver energy savings, enhanced public and road safety as well as reducing CO2 emissions, and Smart Services: the audience heard how Perth, Dundee, Edinburgh, Glasgow and Stirling are working collaboratively to improve their waste management services.

Podcast: <http://www.egi.co.uk/news/why-smart-cities-are-a-win-win/>

Lillian McDowall, Scottish Cities Alliance



Scottish Cities Alliance - update

Sharing & Learning Platform

The Smart Cities Scotland Blueprint outlines five Pathfinder Programmes which have data and technology at their core. The development of a Sharing and Learning Platform is one of these programmes. The ultimate vision for the platform is that it will assist Scotland's cities to share a wealth of knowledge and expertise to support the scale up and acceleration of smart city activities across Scotland and enable cities and associated partners to freely exchange information, combine resources, solve problems and track emerging projects, funding and solutions.

The Alliance offered this piece of work to Omar Islam from Strathclyde University. Omar is currently leading on the development of the Sharing and Learning Platform as part of his Transformative Projects module for a Global Sustainable Cities MSc at the University of Strathclyde.

The output of this research in the short term looked at a searchable web portal enabling sharing of Alliance resources, documents and assets enabling communication and collaboration across boundaries at a relatively low cost. In the long term there could be potential for work outside of Scotland to be integrated with the sharing the learning community and widening the platform for wider engagement with stakeholder groups, external Alliance partners and citizens.

An extensive review of existing applications, which included elements of sharing and learning between organisations was carried out. This included Knowledge Hub, Microsoft Office 365, Objective Connect, Stickyworld, Basecamp, Huddle, Citymart, Projectplace and Slack.

Smart Cities working Group members have endeavoured to feedback their points/preferred applications to the Alliance Team by 4 April 2017. A business case will be developed thereafter and presented to the 8th City Advisory Group meeting on 3 May 2017.

Kat Reynolds, Scottish Cities Alliance

Assisted Living

The Smart Health workstream representatives from the Alliance recently attended and participated in an Innovation Challenge Workshop for Homes and Communities in Fortune House, Edinburgh. This is a complex of award winning flats for people over 60 which are designed to cater for different and changing needs to enable people live at home contently for as long as possible. There is space for people to share, converse, socialise and feel part of a community. Tenants are supported to get involved in activities in order to reduce social isolation, keep people physically and socially active and improve health and wellbeing.

This Workshop consisted of a cohort of NHS Scotland, Scottish Enterprise, Scottish Government (E-Health) and LAS representatives who were brought together to define a challenge for assisted living. After much discussion and deliberation, the agreed challenge was: **'How can we create inclusive connected communities to support citizens at risk of loneliness'**.

The challenge will be how we connect these citizens and communities in an innovative way. The next steps are to share this with wider networks for initial comments and notes of interest to be involved in taking this forward through the open collaboration process. The proposed end process will be to take this forward as an Integrated Joint Board led challenge, looking at Edinburgh, Glasgow and Highlands as the potential test bed areas to test out the prototype solutions developed. The Alliance Team will continue to be part of this cohort and will endeavour to keep the programme updated.

Kat Reynolds, Scottish Cities Alliance

Why is Scotland the smart choice for sensors? Find out in this report <http://ow.ly/xjzQ30axAeH>

Scottish Policy

Scottish Government's Digital Strategy

During a March visit to the Tontine Innovation Centre in Glasgow, Derek Mackay MSP, Cabinet Secretary for Finance and the Constitution, launched the Scottish Government's 'refreshed' digital strategy, [Realising Scotland's full potential in a Digital World](#). This replaces [Scotland's Digital Future – A Strategy for Scotland](#), published 2011.

The Scottish Government states that the new digital strategy “sets out how we will ensure that we put digital at the heart of everything we do – how we deliver inclusive economic growth, reform our public services, and prepare our children for the workplace of the future.”

An [evidence paper accompanies the strategy](#). This paper summarises the important links between digital, economic productivity and inclusion. It also analyses Scotland's digital performance over time and in an international context.

A number of actions have been outlined to support implementation of the digital strategy, including:

- launch of a new Digital Growth Fund to address the undersupply of digital skills;
- use City and Region deals to maximise the role that digital innovations and infrastructure can play in delivering both economic and inclusive growth;
- supporting change and innovation through the [effective use of data](#);
- increasing [digital participation](#) by helping communities to develop digital skills and confidence;
- delivering [digital public services](#) that meet the needs of users;
- improving [digital skills](#) levels and doubling the number of people employed within the digital sector to 150,000 over the next 5 years; and

Updates to the Scottish Government ESIF webpages:

- published guidance outlining the evidence required for costs and achievements as part of the verification process: <https://beta.gov.scot/publications/european-structural-funds-verification-checks-evidence-required/>

- updated document for retention and closure dates for the pre 2007-2013 programmes: <https://beta.gov.scot/publications/esif-document-retention-dates/>

European Policy

EIP-SCC Manifesto on Citizen Engagement

The EIP-SCC [Manifesto on Citizen Engagement](#) was launched during the conference ‘**Inclusive Smart Cities: A European Manifesto on Citizen Engagement**’, convened to discuss and analyse the key role played by citizens’ and how to include them in debates and policies related to smart cities.

Just over 120 people, representing organisations and cities across the world, have [endorsed](#) the Manifesto, which is the result of an online co-creation process in which more than 50 stakeholders have participated.

In addition to launching the Manifesto, the Conference also presented practical tools, policies and regulations for citizen involvement (click [here](#) to find all the presentations).



Consultation on Building a European Data Economy

The European Commission adopted a [Communication](#) on "Building a European Data Economy", accompanied by a [Staff Working Document](#) on January 2017, where it:

- looks at the rules and regulations impeding the free flow of data and present options to remove unjustified or disproportionate data location restrictions, and
- outlines legal issues regarding access to and transfer of data, data portability and liability of non-personal, machine-generated digital data.

The European Commission has launched a [public consultation](#) and dialogue with stakeholders on these topics to gather further evidence which is open until the 26 April . This process will help identify future policy or legislative measures that will unleash Europe's data economy.

This public consultation on Building a European data economy will help shaping the future policy agenda on the European data economy. This dialogue with stakeholders follows the adoption of the Communication on Building a European data economy and its accompanying Staff Working Document. Results will feed into the Commission's possible future initiative on the European Data Economy in 2017.

For more information: <https://ec.europa.eu/digital-single-market/en/building-european-data-economy>

Funding Opportunities

European Transport innovation Challenge 2017

On 29 March, the European Commission DG Mobility and Transport launched the European Transport Innovation Challenge 2017 for young transport innovators. To this end, the Commission is inviting **young transport innovators** to come up with **creative ideas to improve transport or mobility services**. The key word is innovation and the purpose is to enable **inspirational thinking**.

The Commission will reward up to 12 young innovators aged 18-35 with an invitation to Strasbourg to attend the ITS Congress and Exhibition in June. In addition to free travel and accommodation, and meeting leaders in the world of intelligent transport in Europe, the winners will receive personalised coaching on how to further develop their projects at a dedicated mentoring workshop. The competition is open to both individuals as well as groups or SMEs. Deadline for submission of ideas is **2nd of May**.

For more information visit: https://ec.europa.eu/transport/themes/research/challenge_en



Accelerator Berlin 2017 Offers Support for Digital Health Start-ups (Worldwide)

The Grants4Apps Accelerator is a Berlin based mentoring programme intended to support and develop digital health start-ups. There is a focus upon digital health solutions that address the stipulated healthcare and life sciences' challenges, such as nephrology, women's health and pulmonology.

Applications are welcome from legal entities or persons from anywhere in the world as long as they are over the age of 18. Successful start-ups may receive mentoring and coaching from Bayer Executives, €50,000 worth of financial support, networking opportunities and access to Bayer Experts and the use of office space for 100 days.

A maximum of five start-ups will be chosen. The evaluation stage will take place from 6 - 30 June 2017. A decision will be made on 1 July 2017. **The next deadline for submissions is 31 May 2017.**

Events and Training Opportunities

Transforming Data into Actionable Intelligence: Health and Social Care—SASNet training workshop

The **Urban Big Data Centre** has a free training on **Friday 5th May from 10:15am - 1:45pm**. Delivered by NHS Scotland's Information Services Division (ISD) it will explain and showcase ways of utilising data and information to empower and increase health and well-being. The course will show how ISD are linking data and information from sources both local and national to support operational and strategic health challenges.

The workshop is likely to be most relevant to people working in academic, public and third sector organisations with an interest in public health, health data, health informatics and data linkage. The course will cover:

- The role of ISD and what they are doing around health and social care (from a data perspective)
- How ISD are working and co-producing with stakeholders
- How ISD are turning data and information into "actionable intelligence"
- How ISD use this data and prove access to it (via 'open data' and innovative visualisations/technology)
- How this will improve the health and well-being of the people of Scotland.

This event will be held at the the University of Glasgow's Sir Alwyn Williams Building (see Google Map location [here](#)) and more information can be found on the [UBDC website](#). Registration is available via [Eventbrite](#) and is necessary due to limited space and for catering arrangements.

What next for digital social innovation? - 16th May, London

NESTA has a day of talks, workshops and discussion asking [What next for digital social innovation?](#). The event includes input from OpenCorporates, MySociety and a raft of smartcity regulars.

In recent years we've seen impressive growth in projects and organisations using digital technologies such as open hardware, open data and crowdsourcing to tackle social challenges, with inspiring examples of scale and partnerships with public services. As part of the EU-funded DSI4EU programme Nesta has been studying this growth and used the [digitalsocial.eu](#) site to map organisations and projects working on digital social innovation across Europe.

This event is designed for policy makers, funders and practitioners to share how to make the most of the opportunities in digital social innovation through new approaches to funding, policy and partnerships with public services.

Connect Awards and Conference: 21st June 2017, Edinburgh

Nominations are now open for the Connect ICT Awards, Scotland's celebration of excellence in public sector ICT.

The Awards aim to recognise the achievements of Scotland's leading public sector practitioners and teams and their work in developing innovative and creative solutions to public service challenges through the use of technology that is bringing real benefits to Scotland's citizens.

The Awards programme has 11 categories, including: Project Delivery; Data insight; ICT Team; Digital Leader; and Innovate Award. Submission deadline is 5th May. More information at <http://connectawards.holyrood.com/>



The next 8th City Update, Issue #7 covering activity during second Quarter of 2017, will be produced in mid-July. To contribute updates about 8th City projects, please provide content by 4th July.

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