

# 8<sup>th</sup> City Update

Issue 5: Q4/2016 (October - December)



## ERDF Programme 2014-20, Strategic Intervention: Scotland's 8<sup>th</sup> City - the Smart City

The **8<sup>th</sup> City Update** is a newsletter for 8<sup>th</sup> City Advisory Group members and wider partners. It provides an overview of recent programme activity plus links to relevant policy/strategy. The **8<sup>th</sup> City Update** is produced on a quarterly basis, with input welcomed from across the Scottish cities.

### 8<sup>th</sup> City programme activity, September to December 2016

During the last quarter of 2016 work continued on the development of projects and Operations in support of the 8<sup>th</sup> City Strategic Intervention's overarching aim that "*cities become more attractive, liveable and resilient through the use of data and digital technology*". The 8<sup>th</sup> City programme is described in more detail on page 2 of this Update, including a 'projects map' to show collaborative activity across the projects and to show how the different Operations are connected, with Open Data being at the very heart of this activity.

Projects have been developed and approved on the basis of collaboration across all seven cities. The 8<sup>th</sup> City programme is tasked with delivering the following output indicators: 20 innovative services and 150 datasets opened for innovation. Activity across the 27 current projects is currently projected to exceed these targets.

In addition to Operation applications during Q4/2016, city partners worked on Project Initiation Documentation (PIDs) to support project implementation. This was informed by PMO work on a revised Programme Assurance Framework and supporting documentation and templates. The PMO also produced a 'Benefits Realisation' strategy, with consultation across all cities leading to approval and adoption at the 8<sup>th</sup> City Advisory Group on 28<sup>th</sup> November. This followed on from consultation (July 2016) and subsequent approval by the 8<sup>th</sup> City Advisory Group (August 2016) of a 'Stakeholder Engagement Strategy'. Work will continue into Q1/2017 in relation to the need to show outcomes and benefits - or impact and value - at project, operation, and at programme level.

In preparing for delivery of the 8<sup>th</sup> City programme, the PMO was subject to a Pre-claims Systems Verifications Check. This was undertaken in mid-December by the MA to "*offer assurance that the systems currently in place for the management of operations supported by European Structural Funds are sufficiently robust*". The verification visit went well, with the MA noting satisfaction with Lead Partner arrangements for supporting delivery of the 8<sup>th</sup> City Strategic Intervention. Verifications visits have been arranged for Scottish cities during Q1/2017.

In relation to the wider European Structural Funds programme for 2014-20, the MA has brought forward its planned review of the funds and now intends to report to the Joint Programme Monitoring Committee by June 2017. The review will look at programmes developed to date (including any changes), as well as new and emerging opportunities and the need to ensure full commitment of available funds. Further info on the review will be presented at the 8<sup>th</sup> City Advisory Group meeting on 22<sup>nd</sup> February, in Dundee.

Thanks again to members of the 8<sup>th</sup> City Advisory Group for involvement and work in support of this programme.

**Jonathan Brown**

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## 8<sup>th</sup> City programme Overview

The Scottish Government announcement, in August 2016, noting UK Treasury’s commitment to only underwrite approvals made under the ESIF Programmes prior to the Chancellor’s Autumn Statement, led to a subsequent request that ERDF Operation applications be submitted by 12<sup>th</sup> October to enable consideration by the Managing Authority’s Approval Panel (MAAP). This curtailed timescale required Scottish cities to urgently prepare new, or to revise existing ‘pipeline’, projects for submission as Operation applications. Accordingly, much activity took place during the last Quarter of 2016 to identify, develop and submit applications for projects in support of the ‘Scotland’s 8<sup>th</sup> City –the Smart City’ Strategic Intervention.

The MAAP met in December and was able to consider new or revised 8<sup>th</sup> City Operation applications, including:

- Additional Operation #014: Smart Infrastructure – Water Management (Glasgow)
- Additional Operation #016: Smart Communities (Glasgow)
- Additional project (Stirling) in Operation #001 Intelligent Street Lighting
- Additional project (Stirling) in Operation #009 Smart Services - Mobility
- Additional project (Stirling) in Operation #013 Smart Services - Waste

Work also took place to support submission of an additional Operation (#015) for Smart Services – Health initiative in Aberdeen: however, this was subsequently withdrawn. A further development was the withdrawal of Edinburgh’s Data project within Operation #002 (although participation will continue as a ‘follower’ city).

This meant that, by the end of December 2016, approximately £7.9M ERDF grant had been allocated (from the £10M allocated to the 8<sup>th</sup> City programme) and that the following Operations had been approved.

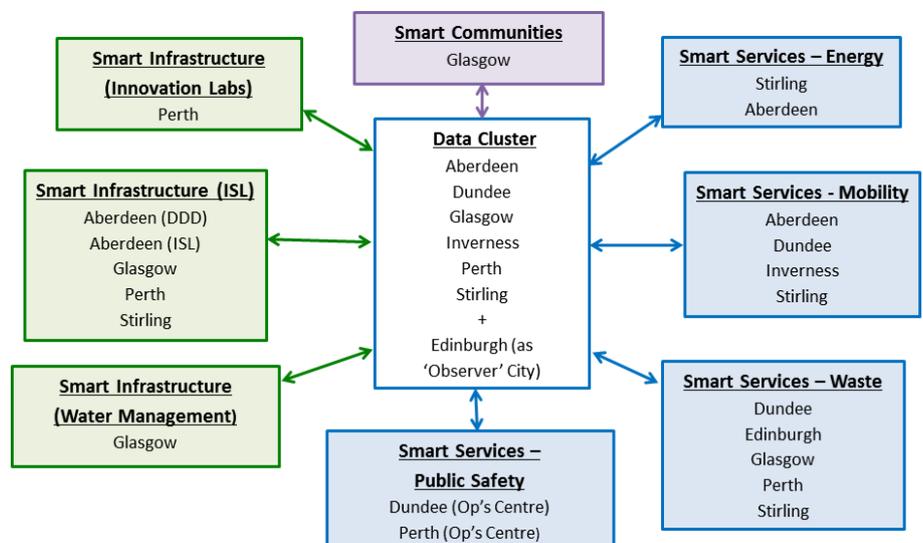
### Ref. Title

- 001 – Smart Infrastructure – Intelligent Street Lighting (Aberdeen, Glasgow, Perth, and Stirling)
- 002 – Data (Lowland & Uplands – Aberdeen, Dundee, Glasgow, Perth, and Stirling)
- 003 – Data (Highlands & Islands – Inverness)
- 004 – Smart Services – Energy (Aberdeen and Stirling)
- 008 – Smart Infrastructure – Innovation Labs (Perth)
- 009 – Smart Services – Mobility (Lowland & Uplands – Aberdeen, Dundee, and Stirling)
- 010 – Smart Services – Mobility (Highlands & Islands - Inverness)
- 011 – Smart Services – Public Safety / Operations Centres – (Dundee and Perth)
- 012 – 8<sup>th</sup> City Programme Management Office
- 013 – Smart Services – Waste (Dundee, Edinburgh, Glasgow, Perth, and Stirling)
- 014 – Smart Infrastructure – Water Management (Glasgow)
- 016 – Smart Communities (Glasgow)

The over-arching 8<sup>th</sup> City programme is shown in the schematic opposite. Work is underway to produce Project Initiation Documentation (PIDs) for each project.

The PMO is also working with the MA on Outcomes and Benefits for the 8<sup>th</sup> City programme. This will be discussed at the 8<sup>th</sup> City Advisory Group, 22/02/17.

**Stephen Birrell**



# SMART CITIES SCOTLAND PROGRAMME SHOWCASED ON GLOBAL STAGE

smart city expo  
WORLD CONGRESS

## Smart Cities Expo World Congress 2016, Barcelona

Along with George Gillespie (Acting Executive Director, Land and Environmental Services, Glasgow City Council) I attended, on behalf of the Scottish Cities Alliance, the Smart City Expo World Congress (SCEWC) 2016 which took place in mid-November in Barcelona.

Described as a 'referential global event to support the development of our cities', the SCEWC, held annually since 2011, provides extensive opportunity to engage in discussion around the link between urban development and technological revolution.

SCEWC2016 featured 421 speakers and 485 exhibitors, attracting 14,288 visitors, representing 568 cities across 105 countries. The event was split into a 'trades-fair' array of exhibition stands showcasing Smart City technology and services, and an ambitious programme of presentations, seminars, and workshops.

Themes for SCEWC2016 included: Data and Technology, Sustainability, Safety, Society, Economy, Mobility, and Governance – all areas with a clear link with Alliance workstreams.

In support of this agenda, George was asked to deliver a presentation on collaboration and the Smart Cities Scotland agenda to delegates at the ICEX Spain Trade Investment Workshop; this led to useful discussion around 'Smart' and 'Resilient' agendas, with activity being shared across European and North American cities. A further presentation, on '*Creative Cities – Prodiges and Co-creation*', was delivered to participants at the Smart Cities Global Expo Session.

SCEWC2016 kicked off with a keynote presentation on 'Cities for Citizens, Citizens Changing Cities' and this ethos was a definite thread throughout much of the programme.



Over the following couple of days I attended sessions exploring various aspects of this ambition. Copies of presentations have been sourced for sharing with 8<sup>th</sup> City programme and Alliance partners.

Whilst at SCEWC2016 we were also able to distribute copies of the 'Smart Cities Scotland Blueprint' and to establish contact with representatives of various cities and countries.

**Stephen Birrell**



## 8<sup>th</sup> City programme - partner updates

### Aberdeen

Ian Watt, Digital Transformation Manager at Aberdeen City Council, and representative on the 8<sup>th</sup> City Advisory Group was recently interviewed for a Tech100 insight article at Holyrood.com. Making reference to the 8<sup>th</sup> City programme's Data Operation, Ian noted some of the challenges to pressing ahead with open data in local government.



Aberdeen City Council

See <http://www.holyrood.com/articles/comment/tech-100-making-publication-open-data-norm-will-not-be-easy-we-can-make-it-easier>

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### Dundee

Following up on the recent announcement that the Future Cities Catapult is seeking collaborators for an urban mobility-themed consortium bid for the Urban Innovative Actions fund 2017, Dundee noted an expression of interest based around the Dundee MILL and Sharemore concept.

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### Glasgow

Glasgow was one of four cities (along with Milton Keynes, Bristol and Birmingham) highlighted as being the 'UK's most innovative smart cities' according to a Knowledge Exchange 'Ideas in Practice' report (January 2017). These cities were cited as case studies for being successful at, or in the process of, implementing innovative smart city initiatives.

The Ideas in Practice report outlines a number of important lessons for cities, such as the need to create a culture of data sharing, as well as focusing on tangible targets and introducing measures that lay the groundwork for smart cities. The report concludes that becoming an innovative smart city is not without its challenges, but that if the public sector, private sector, and communities can work together, smart city technologies have the potential to help address the challenges facing cities.

*Adapted from summary report at the Knowledge Exchange (IDOX information service for members).*

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### Stirling

In taking forward development activity to support 8<sup>th</sup> City projects, Stirling Council has sought to effect links with wider initiatives such as the city's Sustainability Strategy, the Local Development Plan / City Development framework, and the Stirling Digital Strategy. With an overall vision of 'One Planet Living' the focus is on city understanding of how its physical and human systems interact to support intelligent decision-making. Recent work in the city has incorporated input from Mathis Wackernagel, sustainability advocate and President of Global Footprint Network. More info from David Hopper, Sustainable development manager, Stirling Council.

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### Scottish Government / Managing Authority



Please see <http://www.gov.scot/Topics/Business-Industry/support/17404> for recent news on the 2014-2020 European Structural Funds, including: arrangements for an early review of the Structural Funds (to report to Joint Programme Monitoring Committee in June 2017); a further deadline for submitting new or revised Operation Applications for MAAP in March 2017; and updates on EUMIS systems and claims.

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Key points on the wider Smart Cities Scotland programme include:

- The Scottish Government is currently working towards refreshing the Digital Strategy for publication early February 2017. The Alliance is working with the Digital Team in the Scottish Government to ensure the feedback collated from the cities at the workshop on 28<sup>th</sup> November 2016 is reflected in the strategy and ensure the strategy supports and builds upon the Alliance's Smart Cities Scotland programme and Blueprint recommendations.
- The Alliance is liaising with the E-Health Team in the Scottish Government on the planned Digital Health and Social Care Strategy currently due for publication in autumn 2017. The aim is to ensure that there is read across between the Digital Strategy and this strategy in terms of the Smart Cities Scotland programme and use the strategy development process to identify opportunities to progress the Smart Health Pathfinder programme in the Blueprint.
- The Alliance is currently exploring opportunities to support the cities to develop collaborative proposals for consideration by the CIV-TECH programme and develop a pipeline of projects which might be supported by Scottish Enterprise's Public Sector Innovation Fund. If you have a proposals which might benefit from a collaborative cross city approach to either of these funds/programmes please email [iain.mccreddie@scottishcities.org.uk](mailto:iain.mccreddie@scottishcities.org.uk)
- For the third consecutive year the Alliance participated in the largest global event for smart cities in the world, showcasing the unique collaborative approach the Scottish Cities are collectively taking to achieving their Smart Ambitions as part of the Smart Cities Scotland Programme.

In recognition of the significant developments in Scotland this year including the publication of the [Smart Cities Scotland Blueprint](#) as well as the ground-breaking [Scotland's 8<sup>th</sup> City – the Smart City](#) ERDF Programme, the Alliance was able to secure and participate in two high profile panel discussions at the Smart City World Congress 2016 in Barcelona alongside international experts and share our learning and experience of cities working collaboratively to develop the smart cities market place in Scotland.

- Laura McGibbon, the Alliance's Smart Cities Project Officer covering Lucille Brown's maternity, has accepted a new role within Glasgow City Council and Kathleen Reynolds will now fill this post until Lucille's anticipated return from maternity leave in May 2017. Kathleen will be in touch in due course to introduce herself to you and discuss with you the plans for taking forward activity in the Smart Cities Scotland Blueprint over the course of the next year.

Iain McCreddie

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### Scottish Council for Development and Industry (SCDI)

The SCDI report '**Smart Citizens, Smart City Regions: Delivering Digital Public Services in Scotland**' draws on discussions at a digital forum held in Glasgow in Autumn 2016. The report describes smart citizens as individuals who are digitally-connected to the city and regions through technology and engaged in a two way data exchange with their environment and place. It defines smart cities and regions as seamlessly integrated environments combining data, sensors and technology to create deep citizen engagement.

The report suggests that there are four key areas where measures could be targeted to support Scotland's digital journey: strong leadership; accelerating the pace of digital public service rollout; developing and/or importing digital skills to meet the growing skills gap; and embedding digital skills across the school curriculum. The report is available at <http://ow.ly/phc9308u9sl>

Data  
Fest  
2017



*A week-long festival of data innovation  
with events across Scotland  
March 20<sup>th</sup> to 24<sup>th</sup> 2017*

The event brings together leading figures from industry and academia to Scotland for the first time, with over 1000 delegates expected over the week long programme of events. Confirmed speakers include [Dr Hannah Fry](#) (Mathematician and broadcaster), [Marc Priestley](#) (Technology Expert & Broadcaster), [Tim Harford](#) (Economist and Broadcaster), [Hilary Mason](#) (Fast Forward Labs), [Nuria Oliver](#) (MIT Labs) and many more.

DataFest17 includes a Data Summit in Edinburgh on 23<sup>rd</sup>/24<sup>th</sup> March. Focusing on #DataChangesEverything, the Summit will explore examples of successes and challenges of transformation using data, with a forward look to how this will develop across industry and social sectors in the future. More information at [www.datafest.global](http://www.datafest.global)

## LOW CARBON SCOTLAND

MEETING THE EMISSIONS REDUCTION TARGETS

*Low Carbon Scotland - Meeting the Emissions  
Reduction Targets 2017  
Our Dynamic Earth, Edinburgh, 23<sup>rd</sup> May*

Low Carbon Scotland 2017 will address Scotland's current carbon position and allow delegates to hear from those leading and driving the policies and proposals. The conference will consider how public sector can reduce carbon emissions – plus discussion around improvements and delivery with world-leading technologies and best practice innovations showcased. More info at [www.low-carbonscotland.scot/](http://www.low-carbonscotland.scot/)

## SUSTAINABLE SMART CITIES .ORG

Launched at the end of 2016, [www.SustainableSmartCities.org](http://www.SustainableSmartCities.org) aims to accelerate the market for cleaner, greener cities by connecting decision makers and the innovative, smart technologies providing the solutions to these challenges.

SustainableSmartCities.org is an initiative of the Environmental Industries Commission (EIC), a trade association for the environmental technologies and services sector.

## CATAPULT

Future Cities

*Future Citizen Innovation Series – Supporting UK Government  
Monday March 6<sup>th</sup> to Friday 10<sup>th</sup> 2017  
London*

A collaboration between Future Cities Catapult and Amazon Web Services (AWS), this week-long event brings innovators together to work on the future of UK cities and UK citizen services. Featured business tracks and presentations include: Integrated City Services; Future of Planning; User Research and Citizen-led innovation; Citizen and SME engagement; Standards and Infrastructure. [Click here](#) for more info.

On **23 February** Nesta will launch their new report **Digital Democracy: The tools transforming political engagement**. See more at: [www.nesta.org.uk/event/how-can-digital-technologies-strengthen-our-democracy](http://www.nesta.org.uk/event/how-can-digital-technologies-strengthen-our-democracy)

The next **8<sup>th</sup> City Update**, Issue #6 covering activity during the first Quarter of 2017, will be produced in early April. To contribute updates about 8<sup>th</sup> City projects, please provide content by 3<sup>rd</sup> April. For further info please contact Stephen Birrell / 0141 287 8645 / [8th\\_city\\_pmo@glasgow.gov.uk](mailto:8th_city_pmo@glasgow.gov.uk)