

8th City Update

Issue 2: Q1/2016 (March)



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

The **8th City Update** is a newsletter for members of the 8th City Advisory Group and wider partners. It provides an overview of recent programme activity plus links to relevant policy/strategy. The **8th City Update** will be produced on a Quarterly basis, with input and contributions welcomed from partners. Contact 8th City PMO for info: 8th_city_pmo@glasgow.gov.uk

8th City programme – Report on Progress

8th City Advisory Group members (and wider programme partners) will be aware of work across all 7 cities during 2015/early 2016 on the development of project proposals (Operation Applications) for the 8th City Programme. Projects are grouped on the basis of the following agreed clusters:

- Data
- Smart Services – Energy
- Smart Services – Public Safety
- Smart Infrastructure
- Smart Services – Health
- Smart Communities
- Smart Services - Mobility

Operation Applications in support of the 8th City Strategic Intervention were submitted by the 8th City PMO to the Managing Authority for the 31st January deadline. As there were 8 project proposals within the Smart Infrastructure cluster it was decided to split these into the following sub-themes: Open Wireless; Innovation Labs; and Intelligent Street Lighting (including sensors). Also, as the finance section of the Operation Application template is not able to accommodate different intervention rates between Lowlands & Uplands (LUPS) and Highlands & Islands (H&I) - i.e. 40% and 50% grant rates respectively - Operations which involved collaboration with Inverness required a separate application for this city. This meant that 11 Operations Applications were submitted, as outlined in the table below:

Cluster (Territory)	Projects (#)	Cities	Innovative Services (#)	Datasets Opened (#)
Data (LUPS)	6	Aberdeen, Dundee, Edinburgh Glasgow, Perth, Stirling	7	150
Data (H&I)	1	Inverness	As Above	As Above
Smart Infrastructure: Open Wireless (LUPS)	1	Dundee	2	5
Smart Infrastructure: Open Wireless (H&I)	1	Inverness	As Above	As Above
Smart Infrastructure: Intelligent Street Lighting (LUPS)	3	Aberdeen, Glasgow, Perth	4	20
Smart Infrastructure: Innovation Labs (LUPS)	1	Perth	5	15
Smart Services: Energy (LUPS)	2	Aberdeen, Stirling	3	6
Smart Services: Health (LUPS)	1	Stirling	2	3
Smart Services: Mobility (LUPS)	2	Aberdeen, Dundee	6	8
Smart Services: Mobility (H&I)	1	Inverness	1	4
Smart Services: Public Safety (LUPS)	2	Dundee, Perth	1	25
TOTAL = 11	21		31*	231*

**Provisional targets*

It should be noted that the summary outlined above represents 8th City programme planning as at February 2016. Also, the figures against output indicators ('Innovative Services' and 'Datasets Opened') are broadly indicative only.

[Continued//](#)

8th City Knowledge Hub Group – Update

Following the previous article regarding the security of the 8th City Knowledge Hub and the responsibilities of each city, the PMO can now confirm that the group has been set to 'private'. As this is the status for the group, this will no longer be visible to other external members within Knowledge Hub.

An email was issued recently regarding an audit update of names for the Advisory Group (Members & Deputies), Operation Leads and additional contacts as indicated by Advisory Group Members. Once this information is returned to the PMO (required by Tuesday the 5th of April), the membership will be updated and new contacts will receive an invitation to join the 8th City KHub Group.

Please note that the following disclaimer is still applicable to the 8th City KHub and would advise that you refrain from the sharing of documents which contain **legal, financial or procurement** details.

Members of the 'Scotland's 8th City Strategic Intervention' Knowledge Hub group are advised that documents posted on this site are part of an ongoing development process, designed to inform ERDF operation applications. Documentation added to the group library is intended for internal communication amongst 8th City programme partners only and is not for wider circulation. Please be aware that circulation of documents to parties external to programme partners is at the risk of the individual city sharing these.

For clarity, a city is only at liberty to share their own information with a third-party (where they will absorb the risk), no city is entitled to share other city information in any form.

Amber Williams



8th City Knowledge Hub Group – Guidance for use

KHub is an excellent tool for virtual communication and we would like to encourage cities representatives to use it. The 8th City PMO will create and circulate a map of the content to make the information more accessible. In this issue of the newsletter, I would like to provide details about two folders:

The '**Guidance & Toolkits**' folder has 3 sub-folders:

1. Engagement toolkit – to provide support with the 3rd Non OP indicator
2. ERDF Guidance (EU Guidance & Scottish Government Guidance)
3. Finance & Risk Guidance

The '**Cities**' folder contains 7 sub-folders; one for each city. Cities have the opportunities to use this folder to upload relevant information to share with other cities in relation to Smart Cities capabilities or themes – e.g. city strategies, energy carbon master plan, engagement strategy.

Members of the 8th City KHub Group might find it beneficial to look at the KHub walkthrough at:

<https://www.khub.net/documents/6811962/7481336/Knowledge+Hub+Walkthrough+July+2014/c2d9fc67-a5c7-4306-9be0-2a0d617fe46b>

Petya Todorova

Future City Glasgow featured on CNN

Glasgow's activity as a 'Future City Demonstrator' site was recently highlighted in a CNN news report showing how technology has been at the heart of the city's regeneration. The Future City Glasgow film is available to view at

<http://edition.cnn.com/videos/world/2016/02/12/digital-state-glasgow-smart-city-pkg.cnn>



8th City Programme Stakeholder Engagement

In working collaboratively to develop the 8th City SI, application partners jointly agreed, in March 2015, an additional non-OP output indicator on 'Stakeholder Engagement' - with indicator and targets noted as 'to be confirmed'. In October 2015 it was further agreed that the stakeholder engagement output would be a process-based indicator, as follows:

"Engagement with stakeholders, including citizens, communities, businesses, voluntary orgs (as appropriate), prior, during and after delivery of the project". Measurement unit is: Planning / Design stage = 100%; Implementation stage = 100%; Post-implementation stage = 100%.



The output indicator agreed by 8th City partners doesn't specify how, or to what degree, stakeholder engagement should be undertaken: rather, it is a matter for each city to determine the most appropriate approach to be taken for each project. This emphasis on local flavour will enable cities to adopt a wide variety of engagement activities and tools, with different forms of engagement likely across different cities and projects - or at different stages of the same project. The Project Initiation Documentation (PID) to be developed for each project should include information on proposed stakeholder engagement activity.

Stakeholder engagement activity at the programme level will, however, require a collaborative and consistent approach to enable easy aggregation of data. Use of an on-line or digital engagement tool would facilitate this and options for delivering capability this are currently being considered.



Effective engagement with citizens and communities was highlighted in Nesta's recent report '[Rethinking Smart Cities from the Ground Up](#)'. This recognises that successful smart cities make the most of the technologies that enable greater collaboration between urban communities, and between citizens and city governments. The report highlights policy recommendations, including:

- Set up a civic innovation lab to drive innovation in collaborative technologies.
- Use open data and open platforms to mobilise collective knowledge.
- Take human behaviour as seriously as technology.
- Invest in smart people, not just smart technology.
- Spread the potential of collaborative technologies to all parts of society.

Globally, there are a number of citizen engagement / data crowd-sourcing initiatives which might be considered by 8th City partners, including:

- [Better Reykjavik](#) - an online platform providing a direct link to Reykjavik City Council.
- [Our MK](#) - an online citizen engagement platform, part of [MK: Smart](#) in Milton Keynes.
- [Future Melbourne](#) which asks its citizens to help write the city plan.

Work is required to produce an 8th City programme 'Stakeholder Engagement Strategy' incorporating an agreed approach to work areas such as: aims and objectives, approach, roles and responsibilities, communications, etc. This strategy will be produced during the second quarter of 2016 and 8th City partners will be contacted shortly with an invite to contribute to this work.



One of the drivers in delivering the Stakeholder Engagement Strategy for the 8th City programme is likely to be adoption, where appropriate, of the National Standards of Community Engagement - noting that consultation took place in late 2015 on a revised set of standards.

Stephen Birrell

Update from Lucille Brown, SCA National Future Cities Development Manager

Smart Cities Scotland Blueprint

Urban Foresight have been appointed to take forward consultancy support of the Smart Cities Scotland Blueprint. The key contact is Estelle Blanks. Urban Foresight describe themselves as "*Future City Shapers: a consulting think tank focused on the smart and sustainable transformation of cities*". More info at: <http://urbanforesight.org/>

The Smart Cities Scotland Blueprint work commenced formally at an Inception Meeting on Thursday 17th March and the consultants will work closely over the period mid-March to June/July 2016. SCA Delivery Group representatives will be presented with an early draft of the outputs from this work at the Delivery Group meeting on 19th May. The final output will be presented at the 20th June Leadership Group meeting. Outputs will be published on the Scottish Cities Alliance website and shared more widely via the various networks available.

Open and Agile Smart Cities (OASC) Network

OASC is a city-driven, non-profit organisation with the objective to create a Smart City market. Founded in January 2015 OASC came to life with the first wave of cities joining in March 2015. Scottish cities signed up in the second wave (in August 2015) as a collective after the invitation was circulated to the SCA's Executives Group via Annemarie O'Donnell, Glasgow City Council's Chief Executive. The SCA is one of only two mature city networks to sign up as a collective: The other city network is Forum Virium Helsinki, a formal partnership of the 6 Finnish cities.

Shared standards for portability and interoperability are the only way to create a true global market for smart city services. OASC advocates cities to adopt four simple mechanisms as de facto standards. The first mechanism is a driven-by-implementation approach. This implies, among other things, that communities and developers can co-create their services. The other mechanisms are technical: an API, a set of data models, and an open data platform.

The SCA intends to fulfil its commitment on the OASC technical components via activity in the '8th City Programme' Data Cluster Operation Application.



European Innovation Partnership on Smart Cities and Communities (EIP-SCC)

EIP-SCC is an initiative bringing together cities, industry, SMEs, banks, research and other smart city actors. Supported by the European Commission, it intends to:

- Improve citizens' quality of life
- Increase competitiveness of Europe's industry and innovative SMEs
- Make cities more competitive and better places to live in
- Share knowledge to prevent mistakes being repeated
- Reach our energy and climate targets
- Provide support in finding the right partners and solutions

EIP-SCC is supported by 'Action Clusters' meetings which provide opportunities to network and collaborate across areas such as: areas such as: Integrated Infrastructures & Processes (including Open Data); Integrated Planning/Policy & Regulations; Citizen Focus; Sustainable Urban Mobility; Sustainable Districts and Built Environment. The Scottish Cities Alliance participates in the Integrated Planning / Policy & Regulations Action Cluster and has a formal commitment #6592 (see <https://eu-smartcities.eu/commitment/6592>).

The EIP-SCC's General assembly meeting is on 24 May 2016 in Eindhoven. There is interest in our showcasing the Smart Cities Scotland Blueprint work at this meeting.

The UK Innovation Survey 2015

Recently published by The Department for Business, Innovation and Skills (BIS), this provides an assessment on innovation across the UK. Over the survey period of 2012 to 2014, more UK businesses were involved in innovation than in the previous survey period of 2010 to 2012.



Department
for Business
Innovation & Skills

Survey highlights include:

- **53% of businesses were innovative**, compared to 45% of businesses in the 2013 survey.
- **The proportion of all businesses that innovate has increased significantly across sectors**, with the production sector, particularly manufacturing, being the most innovative.
- **All four countries and almost all regions of England showed increases, although large variations remain**
- **28% of innovators were engaged in exports** (compared with 10% of non-innovators).
- **25% of all businesses used technological (either product or process) innovation**, up from 22% in the previous survey.
- **42% of all businesses used non-technological innovation**, up from 37%. This includes: 27% engaging in 'new business practices', 20% in 'new method of organising work responsibilities'; 16% in 'changes to marketing concept or strategies'.
- **40% of innovative businesses reported having co-operation arrangements with other parties, mostly with industry, on innovation-related activities** (41% previously). Collaboration with suppliers (67%), clients from the private sector (59%) and other businesses (44%) were predominant. 23% co-operated with universities or higher education institutions and 16% with government or public research institutes.
- **Most frequently reported drivers for innovation activities were 'product-related' factors**. 'Improving the quality of goods and services' produced or supplied (34%). In 2013 and 2015 surveys, 'reducing environmental impact' (9%) and 'improving health and safety' (12%) were the least highly rated innovation factors.
- **Most important barriers reported by businesses** were availability of finance (17%), cost (15%), economic risks (14%).

Nesta CITIE Scotland

Representatives of Scotland's cities are committed to participating in Nesta's CITIE (City Initiatives for Technology, Innovation and Entrepreneurship) research. This work will tie in with other activity taking place across Scottish cities – for example, the Smart Cities Scotland work outlined on page 5.

Initial communication has taken place between Nesta and the 8th City PMO regarding a CITIE focus on the 8th City programme. This reflects feedback arising from Nesta's presentation to the 8th City Advisory Group / Smart Cities Working Group meeting in 23rd February.

Please contact the 8th City PMO if you have an interest in contributing to discussion around inclusion of 'Scotland's 8th City' within the CITIE research.



The next issue of 8th City Update (Q2 / 2016) will be produced at the end of June. This will include a further update on 8th City programme activity. 8th City partners will be contacted for contributions and suggestions regarding content.