8th City Update

Issue 1: Q4/2015 (December)

Glasgow CITY COUNCIL | European Union — EUROPE & SCOTLAND — European Regional Development Fund — Investing in a Smart, Sustainable and Inclusive Future | The Scottish Government — Riaghaltas na h-Alba | smart cities scotland

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

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

Briefing Note for 8th City Advisory Group, 21st December 2015

Following on from the development session in Perth on the 8th December, the PMO has been focussing on the next phase of work for the submission of Operation Applications by 31st January 2016. In order to meet this deadline, partners will be aware of the following timescales:

- Friday 8th January - draft Operation Applications to be submitted to 8th PMO.
- Friday 22nd January - Operation Applications to be submitted to 8th PMO.

There have been some delays to PMO activity due to IT issues which recently affected Glasgow City Council networks. The 'Cluster Conversations' notes and presentations from the development session have now been collated and uploaded on to Knowledge Hub. However, this is still a draft report and further feedback is welcomed (until noon on 8th January). Subject to further amendment, the report will be circulated to event participants.

To assist 8th City partners in preparing Operation Applications the PMO has prepared an Operation Application, for the 'Smarter Services – Health' Operation, as an exemplar. A copy of this will be circulated to partners for information. There are sections of this exemplar which can be cut and pasted for use in other Operation Applications - primarily in relation to Parts 6, 7, and 8.

The 8th City PMO Finance & Risk Officer recently met with the Managing Authority to get clarity on several issues relating to the development and submission of Operation Applications. The Managing Authority recognises that the 8th City Programme is unique in its approach, which will focus on the submission of collaborative Operation Applications on the basis of the 7 'clusters' agreed at 8th City Advisory Group meeting of 4th November 2015. These clusters are: Data; Smart Communities; Smart Infrastructure; Smart Services – Energy; Smart Services – Health; Smart Services – Mobility; and Smart Services – Public Safety

As there are 8 project proposals within the Smart Infrastructure cluster, for the sake of convenience in terms of the submission of Operation Applications it has been decided to split these into the following sub-themes:

- Wi-Fi: Dundee and Inverness
- Innovation Hub / Living Lab: Glasgow and Perth
- Intelligent Street Lighting / Sensors: Aberdeen (ISL and DDD), Glasgow and Perth

Whilst the principle of collaboration between cities on the delivery of Operations continues to be recognised as one of the main drivers for the 8th City Programme, the finance section of the Operation Application template is not able to accommodate different intervention rates between Lowlands & Uplands and Highlands & Islands (i.e. 40% and 50% grant rates respectively). Therefore, in the case of Operations which involve collaboration between Inverness and Lowlands & Uplands cities, a separate application will need to be developed and submitted for Inverness.

Despite the situation noted above, the Managing Authority has advised that the EUMIS on-line grant management system can accommodate the 8th City Programme partners collaborative aspirations i.e. when it comes to inputting Operation details on EUMIS (such as delivery agents, milestones, payment schedules etc.) this can be done on the basis of thematic clusters.

On behalf of the 8th City PMO, I'd like to thank all partners for the significant contributions to the 8th City programme in recent months. We look forward to further engagement in 2016 as we review and refine the various city projects supporting the different Operation Applications. **Jonathan Brown**

Scottish Budget 2016/17 – Support for Digital

The Scottish Budget, announced on 16th December, highlighted the financial challenges facing Scottish Government, noting that by 2020 the Scottish budget will have fallen by 12.5% in real terms since 2010.

Although the overall picture is challenging, with real pressure on public funds, the report (**'Scotland's Spending Plans and Draft Budget 2016/17'**) includes a clear commitment to digital, stating that Scottish Government:

> *"…will take steps to extend digital applications in public services, increase the use of shared services, secure further value from procurement developments, ensure effective use of assets and reduce overlap between public services. The digital agenda will both produce savings and improve the quality of our services."*

The Budget report outlines support for digital change in Scotland, including initiatives such as:

- Establishing an 'Alpha Fund' to help improve the efficiency and quality of digital public services. It's hoped that this can be achieved by developing common services that can be used across government.
- Supporting the Digital Transformation Service to develop digital public services from a user perspective and to realise the benefits of digital technology.

The Budget report also includes a section on **Protection and Reform of Public Services**; this includes the key aim of 'supporting the digital transformation of public services'. Also, under a wider section on **Investing**, the report notes that in 2016-17 Scottish Government will:

> *"Develop a national digital ecosystem in which digital services capabilities are shared efficiently across public sector services and ensure that we take full advantage of the opportunities offered by the effective management of data to improve outcomes and services".*

Further, in relation to Improving Infrastructure, the Budget Report outlines an investment programme including:

> *"Ensuring that our investment in digital connectivity underpins our overall strategy to harness the opportunities of digital across all aspects of Scottish life. This supports growth through investment in skills and innovation, improving our public services by developing more, well-designed online services and making growth more inclusive by increasing digital participation".*

In cash terms, the funding for Scotland's digital strategy has more than doubled to £116 million. This has been achieved by merging a number of budgets, which, according to Scottish Government, reflects the integrated nature of the strategy. It is expected that these resources will cover areas such as digital infrastructure, digital participation, digital public services, and the digital economy - although the majority of funding has been allocated to capital expenditure projects (£92 million).

Overall, there are opportunities for the digital sector to address the challenges highlighted in the Budget. This would include the development and delivery of creative, efficient, technological solutions that support the ongoing needs of both central and local government. The Budget Report is available at www.gov.scot/Resource/0049/00491140.pdf For more info on Digital Scotland see http://www.gov.scot/Topics/Economy/digital/digitalservices.

Stephen Birrell

> "With our days and nights increasingly stretched across the vastness of megacities, we've turned to these smart little gadgets to keep it all synchronized. It's no accident that the most common text message, sent billions of times a year all over the world, is "where r u?" — **Anthony M. Townsend**, *Smart Cities: Big Data, Civic Hackers, and the Quest for a New Utopia*

At the 8th City Advisory Group meeting held in Perth on 29th June, the use of Knowledge Hub was approved by partners as a valuable way to share information between the cities concerned with the 8th City Programme.

Knowledgehub

As discussed at this meeting, access to the 8th City Knowledge Hub area would be restricted to the Advisory Group as detailed within the Terms of Reference document.

Since this meeting, the facilitators have had various requests to add individuals to the Knowledge Hub area who are not members of the above group. The membership of this Khub group has been fluid up to now to facilitate the sharing of information, however, it is now at the point where a process for access to this area must be introduced to ensure the integrity of the information contained therein.

The 8th City PMO are currently in discussion regarding options to make the 8th City Khub Group completely private and we will update you in due course regarding this.
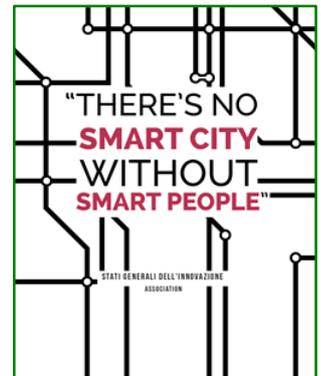
In the meantime, a process for approval and access to the group area will be introduced via the Programme Assurance Framework and will ensure that the membership to the group are approved on a requirements basis.

At this stage, I would like to reiterate that the information and documents uploaded to Knowledge Hub are for the use of the members only. Copying and reproducing of the documents for issue to external parties is restricted and is at the risk of the City/individual involved.

Amber Williams

Future City Glasgow film on YouTube

Thanks to Scottish Cities Alliance for recent tweet highlighting a "Great video showing how Smart Cities can help us all". The Future City Glasgow film is available to view at https://www.youtube.com/watch?v=5n0wX3_QLrc

"THERE'S NO SMART CITY WITHOUT SMART PEOPLE"
STATI GENERALI DELL'INNOVAZIONE ASSOCIATION

European consultation on Smart City Key Performance Indicators

The 8th City PMO was recently made aware of Horizon 2020-funded work to develop Smart City (project) KPIs and related methodology. According to partners involved (via CITYkeys) this will result in the selection of indicators for assessing Smart City projects and the corresponding indicators at a city level.

The consultation report, circulated recently, notes that a **Smart City** is a city that is improving the quality of life of its inhabitants (**people**); is significantly reducing its resource consumption (**planet**); is building an innovation-driven and green economy (**prosperity**); and is fostering a well-developed local democracy (**governance**).

It also notes that a **Smart City Project** is a project that: Has a significant impact in helping a city to become a smart city; and is an integrated project combining multiple sectors.

Further information will be provided in next issue of **8th City Update**.

Nesta's forecast of trends, social movements and technological breakthroughs in 2016

According to Nesta's forecast for the year ahead, we'll see healthcare professionals prescribe video games to their patients, boutique food producers take on the supermarkets and the emergence of new challenge-driven universities which harness the collective problem solving capabilities of the world's students.

The table below provides a summary of Nesta's 10 predictions for 2016.

Retail starts to perform	This year the high street and the arts sector will collaborate to take 'experiential retail' centre stage - See more at: http://www.nesta.org.uk/2016-predictions/retail-starts-perform#sthash.lSxyXels.dpuf
Universal basic income moves into beta	With experiments springing up around the world, 2016 will be the year basic income is put to the test, - http://www.nesta.org.uk/2016-predictions/universal-basic-income#sthash.uDhqNV9l.dpuf
The sticky and sweet future of food hacking	This year powdered food meets mainstream nutrition as new insights into our genetic tendencies provide us with a personalised culinary blueprint - http://www.nesta.org.uk/2016-predictions/sticky-sweet-future-food-hacking#sthash.ZETCLroG.dpuf
Small food gets big	This year, small farms and boutique producers will use new technology and better data to reach more people than ever and take on the supermarkets - See more at: http://www.nesta.org.uk/2016-predictions/small-food-gets-big#sthash.KwdzizU7.dpuf
Patients become citizen scientists	2016 will bring a new generation of digitally-enabled and patient-led research - http://www.nesta.org.uk/2016-predictions/patients-become-citizen-scientists#sthash.527ZRhQZ.dpuf
Audio tech makes more than music	This year we will interact with technology through sound as well as light, influencing everything from how we control our devices to how we investigate crime - http://www.nesta.org.uk/2016-predictions/audio-tech-makes-more-than-music#sthash.1LbsdPj8.dpuf
Locking the cyber backdoor	In 2016 the smart home will make cybersecurity a household concern - http://www.nesta.org.uk/2016-predictions/locking-cyber-backdoor#sthash.YaDE2IAx.dpuf
Computer games that heal you	In 2016, we'll unlock a new level in computer game therapy as doctors start to prescribe them to their patients - See more at: http://www.nesta.org.uk/2016-predictions/computer-games-heal-you#sthash.MS5InVJ5.dpuf
Challenge-driven universities to solve global problems	In 2016, new kinds of university will emerge, mobilising some of the world's 150 million students to work on our most pressing problems - See more at: http://www.nesta.org.uk/2016-predictions/challenge-driven-universities#sthash.JgXSIJUf.dpuf
The titans of the sharing economy meet their match	2016 is set to become the most interesting year yet in the life story of the sharing economy - See more at: http://www.nesta.org.uk/2016-predictions/titans-sharing-economy-meet-match#sthash.4qIDE7ga.dpuf

See more at: http://www.nesta.org.uk/news

The next issue of **8th City Update** will be produced in Quarter 1 of 2016. This will include a further update on 8th City programme activity plus briefing notes on the 8th City SI additional 'output indicator on 'Stakeholder Engagement' and wider Monitoring and Evaluation processes. 8th City partners will be contacted early in 2016 for ideas and suggestions regarding **8th City Update** content.