8th City Update

Issue 4: Q3/2016 (July-September)

smart cities scotland

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

8th City programme – Report on Progress

The third Quarter of 2016 has presented some interesting developments, and subsequent challenges, for the 8th City programme. Following the UK electorate's decision to vote 'leave' in the EU Referendum at the end of June, the initial understanding was that 'business as usual' would prevail for the duration of the 2014-2020 European Structural Funds (ESF) programme: accordingly, cities worked to a timescale which included an Approval Panel in December and development work (on revised bids and on new applications) continuing into 2017.

However, at the 8th City Advisory Group meeting of 24th August, the Managing Authority (MA) provided a revised timescale - noting the UK Treasury's recent commitment to only underwrite approvals made under the ESF Programmes **prior** to the Chancellor's Autumn Statement, and that operation applications must be submitted by 12th October to enable consideration by the MA's Approval Panel in mid-November. This curtailment has required cities to urgently prepare new, or revised 'pipeline', projects for submission as Operation applications.

As of August 2016, just over £5.6M ERDF grant had been approved, leaving just over £4.3M available from the £10M allocated to the 8th City programme. The 8th City PMO is working with city representatives to support the development of a range of Operation applications, for submission by 12th October, to utilise this £4.3M.

The MA's Approval Panel has now met a number of times (May, June, and September 2016) to consider Operation applications. This has led to 'Approval in Principle' of the following 8th City Operations:

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

Operation application 005 Smart Services – Health (Stirling) was withdrawn due to match funding issues, whilst applications 006 (Inverness) and 007 (Dundee) Smart Infrastructure – Open Wireless were not submitted due to funding eligibility issues. Elements of these may be re-submitted for consideration in November 2016.

In addition to work on developing Operation applications, city partners have engaged in activity on Project Initiation Documentation (PIDs) to support project delivery and implementation. Further work is also required in relation to 'benefits realisation' and the need to show impact and value at project, operation, and at programme level.

Thanks to all members of the 8th City Advisory Group for involvement and work in support of this programme.

Jonathan Brown

Free Individual Memberships of the Open Data Institute

ODI Aberdeen is offering free membership to the Open Data Institute!

Just follow this link: [Become an ODI Member](#) and if you sign-up before midnight on Friday 7 October, you'll be entered into a draw to win a ticket to the ODI Summit 2016 plus £200 towards travel costs.

We're entering a new era. It's been 27 years since the World Wide Web was invented, and there are now more devices in the world than people. With this changing landscape, we're having to get smarter and more innovative in how we connect with each other, our communities and our cities around the world.

If data infrastructure is as important to our infrastructure as roads, then the Open Data Institute is helping to lay the concrete. Join us on 1 November to hear inspiring stories from around the world on how people are innovating with the web of data, with presentations from diverse innovators – from start-ups to high-profile speakers such as Sir Tim Berners-Lee (creator of the World Wide Web), Sir Nigel Shadbolt (AI expert) and Martha Lane Fox (Lastminute.com founder).

We'll be joined by governments, charities, banks, supermarkets and many more who are empowered by the web of data to become more open, more efficient and better connected.

The ODI Summit will be held at the BFI Southbank in London on 1 November. For more information, visit: http://theodi.org/summit/2016. Don't forget that all ODI Members get 20% off tickets, too!

Ian Watt, Digital Transformation Manager, Aberdeen City Council

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8th City Knowledge Hub Group Update

All approved operation applications are now on uploaded on Knowledge Hub. To access them click on **Library** then **8th City Operations**. Draft Data PIDs can be accessed via: **Library > 8th City Operations > Data > Work Package descriptions**. There is also space to upload Work package descriptors: **Library > 8th City Operations > Data > Work Package descriptions**.

Members of the 8th City KH group might find it useful to have the guidance that the KH team have published on how to set up notifications: 'My notifications' is where you can set up your email alerts on content you are interested in: **Log in > Home > My notifications**. Select the **'My notifications'** tab and you can set up email alerts for:

- My groups - receive either an immediate, daily or weekly summary of activity from the group.
- My connections - receive either a daily or weekly summary of what your Knowledge Hub connections have been up to.
- My Messages - receive either an immediate, daily or weekly notification on direct messages and group messages.
- My updates - receive immediate alerts to content that you have contributed or participated in across the knowledge hub. You can amend the frequency for these alerts and delete them as necessary.

You'll receive a separate email for each of the items you subscribe to. Daily and weekly emails should come through first thing in the morning, so you'll have the latest news waiting when you get to your desk. You can unsubscribe using the link at the bottom of the email notification you receive.

Petva Todorova. 8th Citv PMO

Update from Laura McGibbon, Smart Cities Project Officer, Scottish Cities Alliance

Hello all, by now I have met a number of you and I hope to meet the rest of you in person within the next couple of months. Thank you for the support so far. As part of my role covering Lucille's smart cities work I will be taking forward three of the five pathfinder programmes identified in the Blueprint. I've provided a brief update below on the workshop which looked at the pathfinders, and I'll be in contact with further info as things progress.

As well as the Blueprint work and the Nesta CITIE research report, both of which were launched on 28th September in Glasgow (and available at www.scottishcities.org.uk/media/publications), I will be supporting the Alliance with the European Week of Regions and Cities event in October and the Smart Cities Expo in Barcelona this November.

I'm also here to support the cities as required so please do get in touch. My background is in carbon management so I will admit that 'smart cities' is new to me but it's an interesting change and I'm looking forward to the coming months.

I understand that you are all busy with 8th City work due to the 12th October deadline, as such I will be in touch to arrange to visit each of the cities later in the year to discuss the pathfinder programmes, support required by the cities and how the Alliance can assist.

Scenarios workshop - 9th September, Glasgow

Many thanks to all who attended the session. The scenarios workshop looked at the three pathfinders:

- Circular Economy
- Sharing and Learning Platform
- Smart Health

As part of the road mapping exercise the three breakout groups identified the key issues that summarised where we are today in terms of markets/needs, available products, services and applications, and the underpinning technologies, capabilities and resources as well as considered the key developments and milestones needed to progress from where we are today to the ultimate vision or ambition for the future. The output from the workshop will be developed into a report; Urban Foresight will write this up and circulate it within the next two weeks, the cities will be invited to feedback their comments.

A discussion took place around nominations for workstream leaders for the above pathfinders and potential leads were identified – Alan and Ian from Aberdeen for the Sharing and Learning Platform and Ritchie for Circular Economy. We still require a contact for Smart Health, should anyone wish to discuss please get in touch. I will be in contact following the report and will begin to take forward the next steps.

Laura McGibbon, Smart Cities Project Officer

#DataImpact2016
The Lighthouse, Glasgow, 13th October
Sally Kerr will be speaking at this event, invites should have been sent by the UK Data Service but if you've not received one you can register and find out more about the event at the following website:

http://www.thedatalab.com/Data-Impact-2106

Future Learn Smart Cities Course
Some of you may already have completed this course but it started again on 26th September and may be of interest to you or colleagues.

The six week online course is free and you can register and find out more at:
https://www.futurelearn.com/courses/smart-cities

CivTech Pilot – Driving Daring and Innovation in the Public Sector

Centred around challenges that public sector organisations would like solved, the CivTech® pilot Accelerator will take solutions through an intensive three month programme to create and evolve new products and services.

CivTech brings together private sector innovation, public sector organisations and citizens to develop more efficient and effective products and services, which will translate to new, better, faster and easier experiences for everyone. The pilot aims to deliver better public services and enable economic development opportunities through public sector procurement.

I recently met with Alexander Holt designer of the Pilot and Head of Digital Communities within the Digital Public Services and Business Transformation Division of the Scottish Government's Digital Directorate to find out more about the accelerator programme and the potential for the cities to pose challenges. Alexander was keen for the Alliance to send on information to the cities; further information on the CivTech Pilot including detail for public sector challenge sponsors can be found on the CivTech Wiki pages:
https://civtech.atlassian.net/wiki/pages/viewpage.action?pageId=655364

The current challenges are part of the pilot but Alexander confirmed that they do plan to continue the programme. There will be upcoming sessions for potential challenge sponsors and a call for new challenges in the next month. I will update and pass on information when I hear more.

Laura McGibbon, Smart Cities Project Officer

Smart Mobility at All Energy 2017 – Glasgow

A new Smart Urban Mobility Solutions (SUMS) event will take place alongside All Energy in Glasgow next year. SUMS 2017, which will include an exhibition and a two day conference programme, will focus on the growing demand for new and emerging smart mobility technologies. Key technologies and topics covered include:

- Connected vehicles
- Highly and fully automated driving
- Sensor technologies and data collection
- Data communications, storage, modelling and visualisation
- Open data
- Multimodal journey planners and traveller information services
- Demand-responsive transport
- Routing
- Smart payment technologies
- Smart parking technologies
- Public transport tracking for passengers' information
- Fleet tracking/improved fleet management
- Incident response technologies
- Observation and monitoring technologies
- Emissions reduction and environmental considerations
- Noise reduction strategies
- Low carbon vehicles, including EVs, hybrid, and hydrogen
- Charging/refuelling infrastructure and energy management

The call for papers, on any of the above topics opens late September. For more information visit: smarturbanmobilitysolutions.com or contact sums@reedexpo.co.uk

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CSI Board Meeting 22nd September, Aberdeen

As you are aware one of the Leadership Group recommendations is that *"all cities give consideration to a formal commitment that would result in alignment with the British Standards Institute and Future Cities Catapult advice on smart city certification."* I attended the CSI Board Meeting on 22nd September where Gordon Wright presented on the Alliance's aims and ambitions around smart city certification. I will be taking forward any actions from the meeting and either Iain McCreaddie or I will be in touch to discuss the Leadership Group's recommendations and the cities' plans.

Laura McGibbon, Smart Cities Project Officer

Smart Cities Expo World Congress
15-17 November, Barcelona

The Alliance will be attending the Smart Cities Expo in Barcelona and Glasgow City Council, workstream lead for 'Sustainable and Smart', will be presenting at a panel session during the event.

Invitations have been extended to key stakeholders attending the Expo to identify further opportunities/platforms for the Alliance including: Arup; Ovum; Future Cities Catapult; Nesta; Urban Foresight; UKTI; OASC Network; EIPSCC. An engagement plan will be drawn up and further detail will be provided before the congress.

For more information on the 2016 Smart Cities Expo please visit: http://www.smartcityexpo.com/

Digital Participation and Social Justice in Scotland

A recent report by the Carnegie UK Trust highlights that addressing the digital divide is one of the great social challenges of our age.

Digital Participation and Social Justice in Scotland examines the link between being offline and other forms of social deprivation. Drawing on detailed statistical analysis by Ipsos MORI, the report tells us who is offline, why and what we can do about it.

The report finds that the almost 1 million Scots who don't have internet access are socially and economically isolated in a range of ways and that digital progress is widening inequality in Scotland. It also notes that the key question around digital technology is not what will be the scale and pace of future transformation: it is, "Who is being left behind in this digital revolution?"

Carnegie UK Trust is now calling for a more united approach to tackling digital exclusion, with the report's author, Douglas White, noting that: *"Responses to digital inclusion across different sectors have tended to treat the issue as a standalone programme or delivery silo, important in its own right but required to compete with other, much more established players such as education, health, social care, welfare and housing for resources and attention…If we want to fix this then radical action is required. It needs real commitment and a willingness to try out new approaches and share learnings from one another and we urge those on the frontline of policy, including charities, government and public services to help lead the way."*

The report is available at http://www.carnegieuktrust.org.uk/project/understanding-digital-exclusion/

Stephen Birrell, 8th City PMO

European Week of Regions and Cities
10th – 13th October, Brussels

A reminder that the European Week of Regions and Cities is taking place from 10th – 13th October.

This is an annual event for cities and regions to showcase their capacity to create growth and jobs, implement EU cohesion policy, and prove the importance of the local and regional level for good European governance.

The Scottish Cities Alliance is working with partners across a number of other European cities, including the Danish 5 Pack (Copenhagen, Aarhus, Aalborg, Vejle and Odense), the Finnish '6Aika' consisting of Helsinki, Espoo, Vantaa, Tampere, Turku, Oulu, the Polish city Gdansk as well as the Basque Country with the cities of Bilbao, Santander and Vitori, to deliver the **Smart Cities – Smart Ambitions** event on 11th October.
Further information is available at http://ec.europa.eu/regional_policy/regions-and-cities/2016/index.cfm

Comic Relief - Tech for Good Open to Applications

Comic Relief, working together with the Paul Hamlyn Foundation, has developed the **Tech for Good programme** providing opportunity for not-for-profit organisations that already have some technological capacity to take their digital innovation projects forward to create social change by delivering new ideas or more effective services.

The funding is for projects that use software and digital technology as a part of a solution to addressing any of the Comic Relief's UK Main Fund themes of Empowering Women and Girls, Investing in Children and Young People, Building Stronger Communities, Improving Health and Wellbeing.

Projects should be able to make a significant digital step forward within four months and be able to demonstrate digital innovation for the benefit of society or the specific service users the organisation is targeting.

Grants of between £15,000 and £46,500 are available over four months, plus an additional £3,500 to enable access to expert support. **The deadline for applications is 1 November 2016 (3pm).**

Stephen Birrell, 8th City PMO

3rdsectordigicamp

SCVO is bringing together senior leaders and stakeholders from across the third sector for their first **3rdsectordigicamp**. Taking place on 2nd November 2016 (10am – 4pm) at 200 St Vincent Street, Glasgow, the event is for those who lead, govern, fund or support the third sector in Scotland and who want to discuss how to bring about digital change.

Working within the format of an 'unconference', participants are invited to talk about the many ways that digital technology has changed the landscape we work in, and as leaders and influencers what we are doing, or could/should be doing about and with it.

The event will build on the work that has been done by CEOs and Directors engaged in the SCVO One Digital project over the course of 2016. These senior leaders will be part of the event, sharing learnings and experiences, and the issues that they have been tackling as they bring about digital change in their own organisations. For more information contact the One Digital team, onedigital@scvo.org.uk

5G Update

Work is underway to create the foundations for 5G. This will dramatically increase the data transfer speeds and provide capacity for the billions of devices that will be connected in the internet of things (IoT). Further info found here: https://5g.co.uk/guides/what-is-5g/

The next 8th City Update, Issue #5 covering activity during Quarter 4/2016, will be produced in early January 2017. This will include a further update on 8th City programme activity. 8th City partners will be contacted for contributions and suggestions regarding content.