

Subject:	Future Cities Demonstrator Feasibility Study and Bid Update – Report to the Environment & Sustainability Committee		
Date of Meeting:	28 November 2012		
Report of:	Geoff Raw, Strategic Director Place		
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Key Decision:	No		
Ward(s) affected:	All		

FOR GENERAL RELEASE

1. SUMMARY AND POLICY CONTEXT:

- 1.1 In August 2012, the Council secured £50,000 from the Technology Strategy Board (TSB) to carry out a feasibility study on integrating city systems and to produce a bid for £24m of grant funding to be used to fund demonstration projects which show how the integration of multiple city systems can be used to deliver a strong local economy, improve citizens quality of life, reduce the city's ecological footprint and increase its resilience to environmental change. The city council's bid is entitled 'Brighton and Hove – One Planet Smart City'.
- 1.2 The core of the city council's proposal centres on using open data (including real time data) to encourage the integration and efficient use of all systems in Brighton and Hove.
- 1.3 There is already evidence that open data and the technologies associated with it can unlock untold opportunities for businesses, citizens and governments - to create value, to connect people and to drive efficient and resilient systems. The TSB bid proposal is designed to test and expand this evidence.
- 1.4 An open data platform will provide a 'test-bed' for innovative companies to test their ideas, encouraging innovation and demonstrating technology that can be exported, one of the TSB's core objectives.
- 1.5 The bid sets out how the demonstrator will pilot 3 projects which exemplify the potential benefit from integrating city-wide systems.
- 1.6 The three demonstrator projects, chosen to address key challenges in the city and capable of being delivered within the timeframe, are:
 - Open House: integrated service delivery for elderly people (linked to NHS Sustainable Development Route Map and building on the success of the Patchwork Pilot);
 - Open Trading: food supply chain – closing the loop on food waste and addressing the issue of food waste from the hospitality sector; and
 - Open Ticket: integrated transport (trains, buses, car parking, traffic management, cycling etc) to encourage a model shift from private car use to public transport and/or walking and cycling.

- 1.7 Supporting the overall vision for a Smart City, the bid also proposes an engine of learning, research and collaboration: The Power House. It will have both a physical and virtual presence within the city, building on the experience of the Brighton Fuse, Wired Sussex, the University of Brighton and others.
- 1.8 The Power House will focus on smart city systems. It will bring the digital and creative industries together with expertise in smart technologies to bring solutions to the city – and create new business opportunities here and abroad. It will be more than a standard enterprise hub – providing a much richer, more integrated experience – in order to boost collaboration.
- 1.9 The Final Report of the Feasibility Study and the bid were submitted by the 14th November 2012 deadline.
- 1.10 The £50,000 grant to undertake the feasibility study and write the final report will be claimed once the TSB has approved it. It is anticipated that this will be by the end of November.
- 1.11 The TSB will shortlist the Stage 2 applications for the £24m and interview shortlisted authorities on the 5th and 6th December 2012. The winner of the competition is expected to be announced at the end of December 2012 or beginning of January 2013.
- 1.12 The winning authority will be awarded £24m to implement the demonstrator between January 2013 and March 2014.

2. RECOMMENDATION:

That the Environment & Sustainability Committee note the report.

3. RELEVANT BACKGROUND INFORMATION/CHRONOLOGY OF KEY EVENTS:

- 3.1 Following the successful Stage 1 application and the award of £50k, a project manager was appointed in September 2012 to act on behalf of the council, and technical consultants were appointed to undertake the feasibility study and write the report.
- 3.2 A Project Board was established in September to oversee and guide the development of the bid and a project manager was appointed to act on behalf of the city council.
- 3.3 In late August, the Strategic Director for Place held an open briefing session that was attended by 30 people representing local businesses, technology companies, consultancy firms, the universities, partnerships and community groups.
- 3.4 In early September, the council issued an open call for proposals for city systems integration and received 18 submissions.
- 3.5 The submissions proposed a range of systems for integration including transport, public health, energy, tourism, food, water and engagement systems.

- 3.6 Several submissions proposed the use of open data (and an open data platform) as an enabler for systems integration.
- 3.7 The proposals were assessed against the following criteria:
- The TSB criteria (set out in the report to the committee for its 17 October meeting)
 - The extent to which they addressed challenges in the city and identified in existing city strategies and action plans
 - The feasibility of delivering the work within the short timeline for the demonstrator
- 3.8 The council is developing plans to establish a Local Investment Board as a delivery vehicle for Future Cities funding and other investment funds. It is proposed that the Local Investment Board will be supported by a new Future Cities Unit within the council.

4. COMMUNITY ENGAGEMENT AND CONSULTATION

- 4.1 Since the beginning of September, a range of events, face-to-face interviews and telephone interviews were held with:
- 25 organisations that included both universities, the NHS and city's Clinical Commissioning Group (CCG), several technology companies, local partnerships and several community groups; and
 - Over 35 individuals were interviewed.
- 4.2 An event to feed back to interested parties on the final bid was held on Monday 12th November and attended by 16 people.
- 4.3 Letters of support for the bid were received from: Dr Caroline Lucas MP, Simon Kirby MP, The C2C LEP, the Economic Partnership, the Food Partnership, the Clinical Commissioning Group, The NHS Sustainable Development Unit, Wired Sussex, Open Knowledge Foundation, University of Brighton, Ricardo plc, Amercian Express.
- 4.4 Once approved by the TSB, the Final Report on the Feasibility Study will be made publicly available on the TSB website.

5. FINANCIAL & OTHER IMPLICATIONS:

Financial Implications:

- 5.1 The final report on the Feasibility Study was completed in accordance with the TSB guidance and submitted before the deadline of midday on 14th November.
- 5.2 The claim for the £50,000 will be submitted following the TSB confirming their satisfaction with the final report. The £50,000 will support the funding of the Feasibility Study.
- 5.3 A report is being presented to the Policy & Resources Committee on 29th November 2012 requesting approval for the council to act as the accountable body for the £24m if the bid is successful. The cost to the Council associated with the duties of Accountable Body would be met through the grant funding. If the bid is successful the grant funding associated with the Future Cities Demonstrator

must be delivered by March 2014 although there is likely to be some flexibility to this deadline and the council is awaiting further clarification from the Treasury.

Finance Officer Consulted: Rob Allen

Date: 15/11/12

Legal Implications:

- 5.4 There are no legal implications arising directly from this report as it is for noting only. If and when the council's bid is successful, legal issues concerning any terms and conditions attached to the funding will be considered at the relevant time.

Lawyer Consulted:

Oliver Dixon

Date: 15/11/2012

Equalities Implications:

- 5.5 Equalities impact was considered as part of the feasibility study.

Sustainability Implications:

- 5.6 The feasibility bid headlines the council's commitment to using the One Planet Living framework. This is consistent with the bidding guidance which is seeking to allocate the funding to an initiative which delivers a strong local economy and excellent quality of life, whilst reducing the ecological footprint and increasing resilience to environmental change.

Business impact

- 5.7 The 'One Planet Smart City' bid is likely to present considerable business opportunities, particularly to the digital and creative media industries in Brighton and Hove.
- 5.8 The Brighton and Hove Business Forum, the Economic Partnership and the Coast 2 Capital Local Enterprise Partnership have contributed to the development of the bid and are fully supportive of it.

Crime & Disorder Implications:

- 5.9 None specific at this stage.

Risk and Opportunity Management Implications:

- 5.10 The bid included a detailed risk register.
- 5.11 The chances of success are 1:30. Should the final bid be unsuccessful there is an intention to re-use proposals in other guises including the refresh of the city's economic strategy and other emerging funding opportunities.

Public Health Implications:

- 5.12 The project team worked with the Sussex Community NHS Trust, the CCG and the NHS Sustainable Development Unit alongside the University of Sussex to

develop a project that, if implemented, would improve outcomes for elderly people being cared for in their home whilst delivering efficiencies and cost savings.

Corporate / Citywide Implications:

- 5.13 If the bid is successful, delivery partners' and city council's policies will need to be aligned in order to deliver the outcomes set out in the bid.

6. EVALUATION OF ANY ALTERNATIVE OPTION(S):

- 6.1 N/A

7. REASONS FOR REPORT RECOMMENDATIONS

- 7.1 The report is for noting only.