

Greater Cambridge City Deal Executive Board

10 November 2016 – City Deal progress report

Workstream	Update	Upcoming milestones
INFRASTRUCTURE PROGRAMME		
Create and deliver an infrastructure investment programme that draws together national and local funding streams to invest in infrastructure that will drive economic growth in the area.		
<p>A1307 corridor to include bus priority / A1307 additional Park & Ride Achieve faster and more reliable bus journey times between Haverhill, Cambridge and key areas in between, through bus priority at key congestion points on the A1307 and provision of an outer Park & Ride site on the corridor.</p>	<ul style="list-style-type: none"> Public consultation on initial options for the route closed on 1 August. Over 1,400 responses were received. 	<ul style="list-style-type: none"> Development of a preferred option to be recommended to the Executive Board, incorporating the outcomes of the public consultation on initial options. 8 March 2017: Executive Board to consider the outcomes of public consultation and select a preferred option.
<p>A428-M11 segregated bus route / A428 corridor Park & Ride / Madingley Road bus priority Ensure that bus journeys between Cambourne and Cambridge are direct and unaffected by congestion by providing high quality bus priority measures between the A428/A1303 junction and Queen's Road, Cambridge and one or more Park & Ride or rural interchange sites on the corridor.</p>	<ul style="list-style-type: none"> The Executive Board on 13 October instructed officers to undertake further appraisal on specific route alignments for a bus road and cycleway off the public highway to the South of the A428/A1303, to do a topographical survey to establish whether a 2-way bus route, road and cycleway could fit into the existing A1303 Madingley Rise road alignment and to further assess Park and Ride options. The Outcomes are to be brought back to the Joint Assembly and Executive Board ahead of the next round of public consultation. 	<ul style="list-style-type: none"> December Next Local Liaison Forum meeting 26 July 2017: Executive Board to consider detailed work undertaken since the October Board decision and approve public consultation. (est.) Autumn 2017: (Assuming Board approval) Public consultation on preferred option.

<p>Chisholm Trail cycle links A high quality strategic cycle route from Cambridge Station in the south of the city through to the new [Cambridge North] Station, providing connections between the Science and Business Parks in the north and the commercial hub around Cambridge Station and the Biomedical Campus.</p>	<ul style="list-style-type: none"> • The planning application for the Chisholm Trail Phase 1 is currently being considered. • The Chisholm Trail Phase 1 planning application is the subject of a petition against and a petition in favour, which means a Development Control Forum needs to be held – this is due to take place on 26 October. 	<ul style="list-style-type: none"> • 26 October: Development Control Forum. • If the Executive Board approves the recommendations, submit application to Secretary of State for Commons consent, work towards finalisation of land agreements and appoint contractor.
<p>City centre capacity improvements Improve the reliability of, and capacity for public transport, cycling and walking movements in the city centre through a variety of potential measures to relieve congestion and manage the city's transport network.</p>	<ul style="list-style-type: none"> • Public engagement on the proposed access and congestion package closed on 10 October, with over 10,000 responses received. • Work is currently being undertaken to analyse the responses to this engagement, ahead of consideration by the Joint Assembly and Executive Board in January. • The Executive Board issued an update following the end of the consultation period on 20 October. 	<ul style="list-style-type: none"> • 25 January 2017: Executive Board to consider responses and feedback, and next steps.
<p>Cross-city cycle improvements and A10 Cycle scheme Facilitate continued growth and an increased proportion of cycling trips in Cambridge, lifting cycling levels to around 40% by enhancing the connectivity, accessibility and safety of the cycling network.</p>	<ul style="list-style-type: none"> • Construction is complete on phase 1 of the Arbury Road scheme. • Detailed development is progressing on the other four schemes, for construction beginning in 2017. • The Hills Road/Long Road scheme is due to commence in February 2017. • Construction on the Frog End to Melbourn cycleway started 24th October 	<ul style="list-style-type: none"> • 2017: Construction of the remaining schemes.

<p>Histon Road bus priority / Milton Road bus priority Ensure that bus journeys along Histon and Milton Roads are direct and unaffected by congestion through the provision of high quality on-line bus priority measures between the Histon and Milton Interchanges and Cambridge city centre.</p>	<ul style="list-style-type: none"> • Detailed work is being undertaken on the preferred measures in preparation for public consultation, working with Local Liaison Forums and including engaging with stakeholders. • Workshops are taking place to inform the public consultation. 	
<p>Tranche 2 programme development Develop a prioritised programme of infrastructure investments, informed by an analysis of their anticipated economic impacts, to be delivered during the tranche 2 period (2020/21-2024/25).</p>	<ul style="list-style-type: none"> • Work is currently being undertaken to: <ul style="list-style-type: none"> ○ Review the methodological approach in the light of changes since the tranche 1 programme was prioritised. ○ Scope out further potential technical work needed to inform tranche 2 prioritisation. ○ Review connections between tranche 2 prioritisation and wider City Deal themes. 	<ul style="list-style-type: none"> • 8 December 2016: Executive Board to receive an update on work to prioritise schemes for delivery in the second 'tranche' of the infrastructure programme (from 2020) and agree key principles and initial methodology.
OTHER WORKSTREAMS		
<p>Communications Communicate the vision and aims of the City Deal to a range of audiences</p>	<ul style="list-style-type: none"> • Six-weekly meeting cycle of City Deal Communications Group – strategy/commissioning. • Support for Tackling Peak-Time Congestion engagement – press releases, website content, graphics and multimedia products including PCCP animation. • Briefing events have been conducted on key issues. • Live tweeting of City Deal meetings to ensure that updates are communicated quickly and effectively to the wider public. 	<ul style="list-style-type: none"> • Completion of the stakeholder/communications strategy and delivery plans; brand guidelines. • January: Refreshed Communications Strategy to Assembly and Board. • Quarterly briefing and process communique. • Transport vision and updated maps. • New social media channels. • Events marketing kit to support engagement. • Support for ongoing consultations. • Channel content review. • Resource review.

<p>Economic development and promotion Enhance the alignment of public and private sector partners in Greater Cambridge to enhance the attractiveness and promotion of the Greater Cambridge economy to high-value investors around the world, and align appropriate activities that support existing businesses to develop.</p>	<ul style="list-style-type: none"> • Cambridge Promotion Agency: helping bring wanted private sector investment into the region and aligning appropriate activities that support existing businesses to develop. • The Cambridge Promotion Agency has responded to 125 enquiries in just over a year. Over \$10M has been invested following CPA actions. It is progressing with a 'press office' function. Currently working on three >£M investment leads, potentially >200 jobs. 	
<p>Finance Manage and monitor the delivery of the infrastructure investment programme and relevant City Deal-related expenditure, and bring together appropriate local funding streams to complement and enhance the delivery of City Deal objectives.</p>	<ul style="list-style-type: none"> • The Government consultation on the future of New Homes Bonus has closed and responses are being reviewed. It is not clear when an update will be published. • A medium-term financial strategy is to be considered at this meeting. 	<ul style="list-style-type: none"> • March Assembly and Board: annual Budget setting for GC City Deal.
<p>Governance Create a governance arrangement for joint decision making between the local Councils that provides a coordinated approach to the overall strategic vision, including exploring the creation of a Combined Authority to allow the Councils to collaborate more closely to support economic development.</p>	<ul style="list-style-type: none"> • At the time of writing a proposed Devolution Deal for Cambridgeshire and Peterborough is being considered by all Councils, following consultation over the summer. • In practice if the Devolution Deal is to go ahead, with a Combined Authority established for Cambridgeshire and Peterborough, this would mean that a Combined Authority for Greater Cambridge would not be created. 	<ul style="list-style-type: none"> • November: Councils to consider outcomes of consultation on proposed devolution deal and take final decisions. • Work with the Councils to understand the implications of a Combined Authority, and how that fits with the City Deal.
<p>Housing Explore the creation of a joint venture to drive quicker delivery of 2,000 of the affordable new homes envisaged in the draft Local Plans, potentially drawing in land holdings from the partners and external investment to deliver more affordable housing, and deliver 1,000 extra new homes on rural exception sites.</p>	<ul style="list-style-type: none"> • Work has commenced on a Communications Strategy, which will lead into creating a brand for the Greater Cambridge Housing Development Agency (GCHDA) • The GCHDA are continuing work on numerous schemes. • The GCHDA Management Board have agreed the SCDC self-build vanguard will be managed through the GCHDA. 	<ul style="list-style-type: none"> •

	<ul style="list-style-type: none"> • The GCHDA team is continuing to staff up, with a Technical & Construction Lead to be advertised shortly. • This is the subject of a fuller report on this meeting's agenda. 	
<p>Payment-by-results mechanism Implement a payment-by-results mechanism where Greater Cambridge is rewarded for prioritising and investing in projects that deliver the greatest economic impact over 15 years, commencing in 2015-16.</p>	<ul style="list-style-type: none"> • Officers are working with counterparts from several city-regions around the UK to procure the economic assessment panel, which will serve the city-regions' payment-by-results mechanisms up to 2021. • At the time of writing the framework contract is in the process of being confirmed, and is due to be finalised imminently. 	<ul style="list-style-type: none"> • Work with the panel to develop the generic and local evaluation frameworks.
<p>Skills Create a locally responsive skills system that maximises the impact of public investment, forges stronger links between employers and skills providers, and drives growth across Greater Cambridge, including delivering 420 additional apprenticeships in growth sectors over five years.</p>	<ul style="list-style-type: none"> • 'Form the Future' is reporting good progress against the KPIs in the contract for the City Deal Skills Service. • This is the subject of a fuller report on the agenda for this meeting. 	<ul style="list-style-type: none"> •
<p>Smart Cambridge Explore, in partnership with academic and business expertise, technological opportunities to complement the aims of the infrastructure investment programme and improve the functioning of the Greater Cambridge economy, finding smart solutions to a series of issues constraining the economic growth potential of the area and positioning the area as a Smart Cities leader.</p>	<ul style="list-style-type: none"> • Please see the appended note on Smart Cambridge. 	<ul style="list-style-type: none"> •

<p>Strategic planning Underpin and accelerate the delivery of the Cambridge City and South Cambridgeshire Local Plans, including undertaking an early review of the Local Plans beginning in 2019 to take into account the anticipated changed infrastructure landscape, and work towards developing a combined Local Plan that includes other relevant economic levers.</p>	<ul style="list-style-type: none"> • Joint hearings on the Local Plans held in June 2016 with hearings on housing numbers, housing supply, the joint housing trajectory and Green Belt. • Hearings took place on the Cambridge Local Plan held between June and September 2016. 	<ul style="list-style-type: none"> • November/December: Hearings specifically into the South Cambridgeshire Local Plan begin. • Further details of Local Plan hearings are to be confirmed by the inspectors.
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Extended report on Smart Cambridge

1). Background

This update follows the Smart City Management Platform progress report and approval of the “First steps to Intelligent Mobility” work streams by the Executive Board in July 2016.

2). Overview

- The Smart Cambridge work stream is supporting City Deal objectives by bringing together data on travel in the Greater Cambridge area to help residents and businesses make more informed travel choices; and to utilise emerging technology to make moving around the area by sustainable modes easier, quicker and more reliable. Further information in the [Smart Cambridge](#) brochure.
- Overall progress is good, and the work is in budget and on track to meet milestones set out in the forward plan in July ([Report July 16 Board](#)) , which includes the completion of the first phase of the Smart City Management Platform development in early 2017.
- Two of the three Intelligent Mobility work packages are underway, the third is currently on hold (see below for details).
- There has been a good level of engagement from businesses working in this field and high levels of interest when we have gone to the market to commission goods and services as part of the programme.
- The Smart Cambridge joint delivery team is now in place – with technical resources hosted and managed by the University of Cambridge Computing Service and programme management undertaken from within the Connecting Cambridgeshire team.
- Collaboration and discussion with local Cambridge businesses continues to be positive and productive. Joint work includes development of collaborative bids to the Government’s Innovate UK Centre for Connected and Autonomous Vehicles (CCAV) and Internet of Things(IoT) UK funding competitions.

- The Smart Cambridge programme is increasingly attracting national and international attention from other locations with leading edge Smart City ambitions.

3). Progress summary across all work streams (CMP = Smart City Management Platform, IM = first steps to Intelligent Mobility, O= other related work streams and opportunities)

No	Area	Work stream description/status	Progress/activities to date
1	CMP	<p>“Internet of things” capable network and a sensor deployment plan and test-bed.</p> <p>ON TRACK</p>	<ul style="list-style-type: none"> • Deployment of the “Lo-Ra” network (the communications layer that transfers data from sensors to the hub) is proceeding well to date. Hardware purchased, first gateway device installed and in test. Further 9 base station deployments planned, some in collaboration with local tech businesses. • .Mid-range air quality sensor trial almost complete and good quality data successfully obtained. Longer term options being considered and next stage plans being developed, including potential low cost sensor trial. • Funding proposal submitted to Government (Department for Transport – DfT) for sensor deployment trial scheme to optimise coach parking and use of loading bays.
2	CMP	<p>Data hub & associated tools/website</p> <p>ON TRACK</p>	<ul style="list-style-type: none"> • The contract to develop the data hub has been awarded to ITO world and work is underway. • Initial data sets identified discussions underway with Cambridgeshire Highways systems suppliers to identify and agree further data sets. Discussions on-going with Stagecoach to agree access to data. • “Beta” website under construction to collate data sets and is available at: http://smartcambridge.org/

3	CMP	<p>Test-bed applications (including a trial travel-related mobile phone App)</p> <p>ON TRACK</p>	<ul style="list-style-type: none"> • Procurement complete and local Cambridge based company appointed (Building Intellect). • Work has started with an alpha version due early 2017 with a beta version available by mid-2017. This will initially concentrate on sustainable modes of transport and encouraging modal shift. • Further iterations will follow with more functionality and user feedback will be sought to refine the product.
4	IM	<p>Feasibility study on the potential for autonomous vehicle trials</p> <p>ON TRACK</p>	<ul style="list-style-type: none"> • Autonomous vehicle specialists at Cambridge University Engineering Department commissioned to undertake study. • CCAV competition bid being prioritised to meet November deadline. • Report outlining opportunities and feasibility of running autonomous vehicle trails due early 2017.
5	IM	<p>Integrated ticketing and on-line ticket purchase</p> <p>ON TRACK</p>	<ul style="list-style-type: none"> • Report on the opportunities/barriers/issues associated with integrated ticketing and online ticket purchase has been procured and is due to be delivered early 2017.
6	IM	<p>Research/ data-gathering about transport choices</p> <p>ON HOLD</p>	<ul style="list-style-type: none"> • The Cambridge Access Study consultation and engagement process has generated a very significant number of responses which could provide a valuable insight into traveller choices. This means there is a risk of duplication of effort. This work package has therefore been put on hold, and efforts redeployed to other activities, until the Access Study consultation responses have been analysed and will be restarted as required if gaps in research data remain.

7	O	Digital wayfinding at Cambridge station. <i>IN PROGRESS</i>	<ul style="list-style-type: none">• The Smart Cambridge team is collaborating with and contributing to the development of the digital wayfinding work stream for Cambridge station. Following the award of the franchise for the two Cambridge stations to Abellio a project has been underway to agree a station travel plan. Discussions are ongoing to agree the provision of digital travel information screens and integration of appropriate travel data sets to provide better information to travellers about their journeys
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