



GREATER BRIGHTON ECONOMIC BOARD

**1 FEBRUARY 2022
10.00AM**

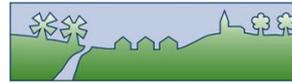
AGENDA



ADUR & WORTHING
COUNCILS



Lewes District Council



MID SUSSEX
DISTRICT COUNCIL



ADUR & WORTHING BUSINESS PARTNERSHIP



BRIGHTON & HOVE
ECONOMIC
PARTNERSHIP

Coast to
Capital



University of Brighton

US

University of Sussex



Members:	<p>Councillors: Lamb (Chair), Humphreys, Allcock, Ash-Edwards, Gunner, Nicholson, Mac Cafferty and Parkin</p> <p>Business Partners: Trevor Beattie, Andrew Green, Prof. Debra Humphris, Claire Mason, Dean Orgill, James Dempster, Andrew Swayne</p>
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Contact:	<p>John Peel Democratic Services Officer 01273 291058 john.peel@brighton-hove.gov.uk</p>
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AGENDA

PART ONE

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20 PROCEDURAL BUSINESS

(a) Declaration of Substitutes: Where Members of the Board are unable to attend a meeting, a designated substitute for that Member may attend, speak and vote in their place for that meeting.

(b) Declarations of Interest:

- (a) Disclosable pecuniary interests not registered on the register of interests;
- (b) Any other interests required to be registered under the local code;
- (c) Any other general interest as a result of which a decision on the matter might reasonably be regarded as affecting you or a partner more than a majority of other people or businesses in the ward/s affected by the decision.

In each case, you need to declare

- (i) the item on the agenda the interest relates to;
- (ii) the nature of the interest; and
- (iii) whether it is a disclosable pecuniary interest or some other interest.

If unsure, Members should seek advice from the committee lawyer or administrator preferably before the meeting.

(c) Exclusion of Press and Public: To consider whether, in view of the nature of the business to be transacted, or the nature of the proceedings, the press and public should be excluded from the meeting when any of the following items are under consideration.

NOTE: *Any item appearing in Part Two of the Agenda states in its heading the category under which the information disclosed in the report is exempt from disclosure and therefore not available to the public.*

A list and description of the exempt categories is available from the Secretary to the Board.

21 MINUTES OF THE PREVIOUS MEETING

To
Follow

To consider the minutes of the previous meeting held on 19 October 2021

22 CHAIR'S COMMUNICATIONS

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Agendas are available to view five working days prior to the meeting date.

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For further details and general enquiries about this meeting contact John Peel (01273 291058, email john.peel@brighton-hove.gov.uk) or email democratic.services@brighton-hove.gov.uk

Date of Publication - Monday, 24 January 2022

The Date of the next meeting is 26 April 2022

Greater Brighton Economic Board

Greater Brighton Economic Board

Agenda Item 23

Subject: Greater Brighton Blue/Green Governance and Investment Plan

Date of meeting: 1st February 2022

Report of: Chair Greater Brighton Officer Programme Board

Contact Officer: Name: Claudia Raistrick
Email: Claudia.Raistrick@brighton-hove.gov.uk

LA(s) affected: All

For general release

1. Purpose of the report and policy context

- 1.1 The Greater Brighton Economic Board ('the Board') agreed at the July 2021 meeting to host a Climate Summit and create a regional investment plan for blue/green infrastructure. The October 2021 virtual summit was attended by 185 people on Zoom and has had nearly 300 views on YouTube.
- 1.2 Since agreeing to proceed with creating a Blue/Green Investment Plan the scope and scale have developed to become more ambitious, requiring new governance arrangements to support and oversee the work. The proposed approach will help the Board over the next decade more effectively draw on public funding and private investment opportunities.
- 1.3 This Investment Plan will be the product of an ambitious collaboration between the public and private sector, with expertise being provided by the universities. It will outline the region's investment requirements to become leaders in the UK's green industrial revolution. The narrative set out will show strong and co-operative regional leadership and will distinguish us in the south east as forerunners in developing an innovation led low-carbon economy.

2. Recommendations

- 2.1 That the Board agree new governance arrangements are needed for a refreshed and revised Infrastructure Panel, reporting into the Board, with an independently appointed Chair (see appendix 1 for draft Terms of Reference).
- 2.2 That the Board agree to a selection process to nominate a local authority Member and a Business Partner to sit on the revised Infrastructure Panel. The University Business Partners will also nominate a representative to sit on the panel.

- 2.3 That the Board agree to the establishment of a Scientific, Technical and Advisory Panel (STAP) led by the Universities of Sussex and Brighton to secure research funding and create a roadmap to net zero targets.
- 2.4 That the Board agree to commission work to prepare a Blue/Green Investment Plan to shape our regional narrative, package up our environmental project pipeline and showcase opportunities for investment.
- 2.5 That the Board agree to commit existing budget (£40,000) for the commission of the Investment Plan, along with potential seed funding from private sector Infrastructure Panel members, and BHCC funding already identified (£30,000).
- 2.6 That the Board seek to secure an additional £180,000 from stakeholders so that the total funding for year 1 of the work amounts to £250,000.
- 2.7 That the Board agree a progress report will be brought to the July 2022 Board meeting.

3. Context and background information

- 3.1 It is important that the Board follows up on previous commitments to transition to a low carbon economy and to the next steps announced at the Greater Brighton Climate Change Summit if progress is to be made.
- 3.2 The Greater Brighton Economic Board is a well-established body which offers local leadership on a number of work strands that are pushing the city region to transition to net zero. The overarching partnerships with local authorities, further and higher education partners, business and economic partnerships provide a unique opportunity to show leadership, showcase the infrastructure on our patch, the innovative work taking place and the gaps of investment needed to deliver on our GB10 Pledges.
- 3.3 Operating in a competitive funding and investment environment requires us to have a strong, consistent and compelling narrative, and a practical plan. This master plan will be explicit about the resources, needs and constraints in the City Region and will set out our aim to establish a partnership of the key players to help us stand out. A concise and tangible plan, clearly demonstrating the level of ambition, will mean that the City Region is well positioned to respond quickly to funding announcements and incentives, and will also provide greater confidence to those committing funding.
- 3.4 The Greater Brighton Energy and Water Plans were developed by the Infrastructure Panel with the aim of unlocking sustainable growth.
 - The **Energy Plan** identifies proposals to accelerate the delivery of energy projects that will boost resilience and security and at the same time help reduce carbon emissions to zero.
 - The **Water Plan** builds on work around the water environment that's already in progress across a number of organisations to set out a range of opportunities to address ongoing challenges in new,

innovative ways, compared to current, 'conventional' approaches.
The intention is to move new development towards 'water neutrality.'

- 3.5 The Greater Brighton **GB10 Pledges**:
- The Board has overseen development of GB10 Pledges that sit above the Energy and Water plans. These 10 environmental pledges are approved actions agreed and ratified by the Board in October 2020 with progress reported on at the October 2021 Board meeting.
 - The GB10 Pledges and the underlying Energy and Water Plans are very much linked to the economic recovery and future prosperity of the City Region.
- 3.5 The Blue/Green Investment Plan would be the first 'product' of the revised Infrastructure Panel, with delivery by quarter 3 of 2022/23. This master plan, to encompass all existing environmental plans, is a clear commitment on who can assist with net zero transition and tangible steps on how to get there. The aim of the plan is to trigger investment from Infrastructure Panel members and wider stakeholders. As well as stimulating private sector investment, this resource could be used as a 'pitch document' to use in government funding negotiations as well as a guide for public agencies when considering location and investment options.
- 3.6 Timescales for delivery will encompass quick wins as well as longer term research projects. The timeline as we head towards our climate related targets over the next decade will feature key milestones on route, funding rounds and investment decisions.
- 3.7 The refresh of the Infrastructure Panel governance will include the appointment of a new independent chair. The suggestion is that this is Sir Dieter Helm, who was the keynote speaker at the Climate Summit. Dieter is Professor of Economic Policy at the University of Oxford and has previously been an Independent Chair of the Natural Capital Committee, providing advice to the government on the sustainable use of natural capital. If Dieter agrees to be the new Infrastructure Panel Chair this can be funded in whole or part by Southern Water.
- 3.8 Proposed membership of the refreshed Infrastructure Panel includes a local authority Member (TBC) and a Business partner (TBC) from the Greater Brighton Economic Board, sector representatives (Southern Water, UK Power Networks, Go Ahead Bus Group, Shoreham Port, South Downs National Park) as well as private sector stakeholders, University representatives, BHCC Chief Executive. The aim is for the group to be no larger than 12 people to make it functional.
- 3.9 Infrastructure Panel members will contribute seed funding to a research pot with a bigger intention to invest. Being part of the panel will give opportunities to contribute to research and drive the strategy to deliver outcome rich work which meets our collective carbon targets. The thinking is also that by aligning existing public money we will be able to attract and stimulate private investment.

3.10 The purpose of the governance refresh is to get the principal investment agencies together to devise a programme of action that delivers the best return on investment. The panel will agree priorities and scope of delivery, approaches taken and methodology used. The idea is that Infrastructure Panel members will become the key investors in blue/green regional projects, providing a platform for securing more public funding and stimulating private investment. The refreshed Infrastructure Panel will need to agree the focus of its work and timeline, defining the methodology for charting progress and informing investment priorities.

3.11 The Scientific and Technical Advisory Panel (STAP) will bring together senior and well-established academics, local authorities and private sector specialists in the Greater Brighton region to inform the climate action decisions of Greater Brighton stakeholders. The Purpose of the STAP will be:

- to provide strategic direction and influence on decision-making for research-oriented projects with direct applications towards Greater Brighton's net zero goals.
- to help monitor and strengthen alignment of research and development spending/procurement with the broader vision for net zero
- to help ensure that the net zero carbon strategy and policy objectives are implemented and properly evaluated.
- to provide advice and constructive challenge on how the impact of research and development, and innovation activities align with the delivery of net zero.
- to ensure the timely delivery of net zero objectives including the wider decarbonisation and energy targets within the region.
- to ensure systematic horizon scanning activities are undertaken to understand uncertainty and opportunity.

3.12 In order to keep regional stakeholders informed of strategic and operational progress of the work, a wider communication will be required for interested parties not included in new governance arrangements. This might take the form of establishing a stakeholder group or a regular email communication.

3.13 To support the delivery of this workstream, a new part time post will need to be resourced to coordinate and deliver this work. Exploration is needed to see if this post could be funded by partners and seconded to the Greater Brighton Team. Alternatively, this would be funded from the Infrastructure Panel pot.

4. Analysis and consideration of alternative options

4.1 There is a danger that working in silos will miss opportunities that attract investment and accelerate progress. By working collaboratively, we show regional leadership to businesses and residents who share a desire to see action on the ground to bring transformative change. With the perception

being that the focus of government funding is up north on 'levelling up' the country, a unified voice is needed to secure money to scale up the innovative projects taking place on our patch. Successfully transitioning to a low carbon economy and net zero will require us to pull together and ask for help where needed, rather than work in a disconnected way.

5. Community engagement and consultation

- 5.1 We will consult with the Greater Brighton Programme Board to help ensure regional engagement.

6. Conclusion

- 6.1 The main benefit from this work will be to shape the thinking of local government and business partners into how they approach a post-carbon economy for the area. Once shaped amongst the partners, it will result in a proposition that can be communicated to investors and Government to drive interest in the activities of the region. This approach will help the Board to more effectively draw on public funding and private investment opportunities.
- 6.2 Reviewing the arrangements to oversee and deliver this work will ensure robust governance is in place, with all the right partners engaged to share the task of sourcing funding and creating a clear roadmap to net zero.
- 6.3 The first output from this project would be the Blue/Green Investment Plan, which would include a co-ordinated pipeline of investment projects that support transitioning the city region to a net zero economy. It would form the strategic narrative and each of the projects in the pipeline would have an outline business case in readiness to pitch for investment.
- 6.4 By working together on shared problems and solutions in relation to the climate emergency, we will work smarter and faster, and show leadership to people who live, work and study in our region.

7. Financial implications

- 7.1 Total funding of £250,000 will be required in year 1 to support the delivery of the Investment Plan and support the STAP. This includes a contribution from the Greater Brighton Economic Board operational Budget of £40,000 to commission the plan plus a contribution of £30,000 from Brighton and Hove City Council which has already been committed. Additional contributions from the Infrastructure Panel members of £180,000 will also be sought. The breakdown of the contributions from panel members has yet to be agreed. The intention will be for further funding opportunities or contributions to be explored for future years investment.
- 7.2 A part time post will be required to support the work. The grade, cost and hours are still to be determined. Preferably this would be from partner resources, however if this is not possible it will be met from the new Infrastructure Panel Pot.

Name of finance officer consulted: Rob Allen Date consulted (19/01/22):

8. Legal implications

- 8.1 The recommendations that are proposed fall within the Board's remit.

Name of lawyer consulted: Joanne Dunnyaglo Date consulted 14/01/22

9. Equalities implications

- 9.1 The Blue Green Investment Plan will seek to ensure that the benefits are shared across the City Region. In addition, one of the ongoing aims of the work is to address inequalities by looking at how access to energy and water can be made affordable for all Greater Brighton residents.

10. Sustainability implications

- 10.1 Delivering sustainable growth is a priority for the Board, and this became increasingly important over the last 18 months as the City Region looks to recover from the impact of the COVID-19 pandemic. Growing economic, cultural and demographic constraints within the city region require us to be more resourceful with our amenities.

Supporting Documentation

1. Appendices

1. Infrastructure Panel Draft Terms of Reference

Greater Brighton Infrastructure Panel

Draft: Infrastructure Panel Terms of Reference December 2021

<p>Name of Group:</p>	<p>Infrastructure Panel</p>
<p>Overall Purpose of Panel:</p>	<ul style="list-style-type: none"> ▪ An expert panel to guide, influence and steer development in the city region of infrastructure related activities relating to net zero carbon.
<p>Panel Officers:</p>	<p>Andy Hill – Greater Brighton Economic Board Business Manager</p> <p>Claudia Raistrick - Greater Brighton Economic Board Business Manager</p> <p>*new part time post needed</p> <p>The team will distribute the agendas, papers and meeting notes</p> <p>The team should be notified of meeting apologies and substitutions</p>
<p>Specific Objectives/Scope:</p>	<p>The Greater Brighton Infrastructure Panel comprises of representatives from organisations that have alliance to the Board and its objectives.</p> <ul style="list-style-type: none"> ▪ To bring professional infrastructure sector knowledge and insight to the development of the Blue/Green Investment Plan and regional projects. ▪ Where possible, to commit to providing seed funding to get the work going, likely further funding or help with sourcing private and/or public money. ▪ An expert panel to guide, influence and steer development of the Blue/Green Investment Plan. ▪ To guide the work of the Scientific, Technical and Advisory Panel (STAP). ▪ To learn, develop and seek to achieve full potential, share information, experience, materials and skills to learn from each other and develop effective working practices, working collaboratively to identify solutions, eliminate duplication of effort, mitigate risk and reduce cost. ▪ To act as ambassadors representing and reporting back to their sector.

Greater Brighton Infrastructure Panel

Guiding Principles:	<ul style="list-style-type: none"> • Panel members will work toward the betterment of the region as a whole, accepting that not all actions or activities of the board will have universal benefit to each component member. • Panel members will seek to work collaboratively and in partnership
Membership	<ul style="list-style-type: none"> • Membership of the Board will be reviewed every two years to ensure that it remains fit for purpose • Members should endeavour to be at all meetings; the Business Managers must be notified of meeting substitutes
Panel members:	<p>The expert panel will consist of representatives from the following:</p> <ul style="list-style-type: none"> • University of Sussex • University of Brighton • Southern Water • GBEB Leader • GBEB Business Partner • BHCC CEX • Natural Capital Sector • UK Power Networks • Energy Company reps • B&H Buses/Metro Bus • AMEX? • South Downs National Park
Frequency of meetings:	The panel will meet 8 times a year
Reporting to:	Greater Brighton Economic Board
Chair:	Suggestion: Sir Dieter Helm
Confidentiality:	Members will be mindful of political sensitivities and the need for tact and discretion in handling confidential and commercially sensitive information
Conflicts of Interest:	Members should report any conflict of interests or commercial interests and these will be noted

Greater Brighton Infrastructure Panel

Terms of Reference: Approved By:	ToR Reviewed every 2 years
Date Approved:	
Review Date:	N/A

Subject:	Hydrogen Sussex Update		
Date of Meeting:	1 February 2022		
Report of:	Chair, Greater Brighton Officer Programme Board		
Contact Officer:	Name:	Kirsten Firth	Tel: 01273 292426
	Email:	kirsten.firth@brighton-hove.gov.uk	
LA(s) affected:	All		

FOR GENERAL RELEASE**1. PURPOSE OF REPORT AND POLICY CONTEXT:**

- 1.1. This report updates the Greater Brighton Economic Board (“the Board”) on the great strides on developing a city region hydrogen economy in the last year, through the work of Hydrogen Sussex. The report also seeks the Board’s sign up to a proposed Hydrogen Strategy.

2. RECOMMENDATIONS:

- 2.1. That the Board notes the work of Hydrogen Sussex over 2021-22, especially supporting funding bids, stimulating local authorities and commercial stakeholders to work together, and helping to develop skills training.
- 2.2. That the Board notes and supports the proposal to develop a hydrogen investment proposition and strategy for Greater Brighton and the wider Sussex region.
- 2.3. That the Board provides funding of £25,000 for Hydrogen Sussex to develop a hydrogen investment case for the region, from existing Board core funding.

3. CONTEXT/ BACKGROUND INFORMATION:

- 3.1. In July 2020 the Board approved the Greater Brighton Energy Plan. The Energy Plan articulated the ambition for the Greater Brighton City Region to transition to a clean hydrogen economy for transport, heating and power. Following the Energy Plan, in October 2020 the Board committed to 10 environmental pledges, the GB10. Decarbonisation of energy is a prominent theme within the 10 pledges, helping to achieve Board members’ Net Zero targets.
- 3.2. Hydrogen Sussex is the new body supporting and facilitating the hydrogen economy across Sussex. It held a successful launch in February 2021 with well over 200 attendees including government ministers and a diverse range of stakeholders from across the private and public sectors.
- 3.3. A report was presented to the January 2021 and April 2021 Board meetings, outlining the progress of Hydrogen Sussex to date.

- 3.4. A UK Hydrogen Strategy was published in October 2021, together with notice of a Net Zero Hydrogen Fund for 2022, as part of a raft of decarbonisation strategies culminating in the government's Net Zero Strategy in November 2021. Hydrogen will have a critical role in the UK's net zero energy future.
- 3.5. The UK Hydrogen Strategy highlights the potential of public sector funding to leverage private investment in innovation, to unlock commercialisation and create a market for hydrogen. The ambition to produce 5 GigaWatts of hydrogen by 2030 would mean the creation of a thriving new hydrogen industry, which could support over 9,000 high-quality jobs and £900 million of GVA. Government investment in hydrogen to de-risk early projects, could unlock over £4 billion of private sector co-investment by 2030.
- 3.6. Moving quickly to develop a strong UK hydrogen economy by 2030 presents opportunities for investment in projects and associated infrastructure and supply chain companies. With such a critical role to play in enabling the UK hydrogen economy, it is important that a joined up and strategic approach is taken to hydrogen R&I investment.
- 3.7. The UK Hydrogen Strategy highlights the need for these to be in place by 2025:
 - Sector development: sector & government develop supply chains & skills base
 - Consumer Awareness: regional stakeholders and community priorities understood
 - Private investment: strategic partnerships with key organisations in place, financial sector engaged, private investment / capital in place
 - R&D: programmes in place coordinating effort and supply chain development
 - Industry development & deployment: industry led tech development and testing across value chain, consumers engaged

4. HYDROGEN SUSSEX UPDATE 2021-22

Project development

- 4.1. Hydrogen Sussex said we would:
 - Help commercial suppliers understand potential hydrogen opportunities in Greater Brighton
 - Develop capacity to support projects in reaching investment readiness, through business support, linking innovation, research, and stakeholder engagement
 - Develop a regional evidence base, including economic data, that will help to support the business case and anticipated calls for funding bids
- 4.2. Hydrogen Sussex has:
 - Completed research with University of Brighton on potential hydrogen demand and corresponding locations for hydrogen facilities, focused on large vehicles in public sector fleets and transport providers, eg emergency vehicles, refuse trucks, buses and coaches.
 - Supported potential hydrogen projects to submit Expressions of Interest to Coast to Capital LEP

- Supported Michelmersh Bricks to bid for government funding to carry out sector-leading fuel switch feasibility project (potentially a world first)
- Advised Chichester College on development of hydrogen skills training modules to be delivered with Strategic Development Fund from DfE
- Sourced research capacity from University of Sussex to assist with strategy development and assessment of business models
- With the Greater South East Energy Hub – competition for low-carbon heavy vehicle supply chain solutions

Building the network

4.3. Hydrogen Sussex said we would:

- Engage stakeholders including MPs to enhance support and understanding of hydrogen ambitions
- Develop information resources for local authorities

4.4. Hydrogen Sussex has built a network with significant contacts in:

Industry	Education & research	Transport
Ricardo	University of Sussex	Network Rail
H2 Evolution	University of Brighton	Shoreham Port
Scottish Power	Chichester College	Newhaven Port
MichelMersh Bricks UK	Association of Colleges	Brighton City Airport
Ryze Hydrogen	Green Growth Platform	Gatwick Airport
Supercritical Solutions		Port of Cromarty Firth
Faun-Zoeller (RCV manufacturers)		Community Transport Sussex
Protium	Public Sector	Cranfield Aerospace Solutions
Meld Energy	East Sussex Fire & Rescue	Transport for the South East
I Gas	Sussex Community NHS Foundation Trust	Brighton & Hove Buses
EMEC	Thames Estuary Growth Board	Biffa Waste Management (fleet)
MSA Safety	Locate East Sussex	
Opportunity North East	Lord Lucas	
Royal Haskoning DHV	Gillian Keegan MP	
SGN (Gas distribution)	All-Party Parliamentary Group on Hydrogen	
UK Power Network	West Sussex CC	
Savill's	Kent CC and SELEP	
Steamology		
Qi Managed Services		
Southern Water		

4.5. Webinars and Presentations by Hydrogen Sussex

- Wealden District Council – Climate Change, Economic Development, Waste Management & HR Cabinet Advisory Group
- Greater Brighton Economic Board Climate Summit
- Brighton & Hove Economic Partnership
- Greater Brighton – One Public Estate
- Chichester Community Conference: COP26
- AllEnergy webinar Hydrogen: Hype or Reality
- Circular Brighton & Hove
- Association of Colleges conference
- Team East Sussex
- Transport for the South East Decarbonisation Forum (Feb 2022)

5. INVESTMENT CASE FOR GREATER BRIGHTON AND WIDER SUSSEX

- 5.1. The University of Brighton, Brighton & Hove City Council and Hydrogen Sussex, have done some very initial preparatory work for an investment case for a hydrogen economy in the Greater Brighton region.
- 5.2. The aim of the investment proposition would be to give a clear focus and direction, establish a place-based perspective, and ensure that research and innovation is embedded in all hydrogen projects. The investment proposition is complementary to and gives a supporting framework for individual projects to proceed, mapping to a variety of funding sources and focusing on research excellence and delivery at commercial pace.
- 5.3. Without an investment proposition / strategy, Greater Brighton will be at a significant disadvantage in bringing in significant investment for hydrogen, in comparison to neighbouring regions. This is not commensurate with other well-funded regional hydrogen organisations such as Thames Estuary and Hydrogen East, even though Hydrogen Sussex's local projects and national profile is equivalent.
- 5.4. The governance of the hydrogen strategy will be through Greater Brighton.

6. REQUEST FOR 2022 FUNDING FOR HYDROGEN SUSSEX

- 6.1. In 2021, Greater Brighton provided £13,696 funding for Hydrogen Sussex core functions. This has been used to provide training, website development, and membership of a key industry organisation.
- 6.2. However, most of Hydrogen Sussex's work has been done with generous pro bono contributions of time, which is not sustainable in the long term. This limits Hydrogen Sussex's ability to progress larger projects - including the ambition to develop a regional investment proposition.
- 6.3. Hydrogen Sussex would like to request funding from Greater Brighton, of £25,000, to support commissioning of an initial hydrogen investment proposition and strategy. This process would involve the drawing up of a specification for the

work and tendering for a consultant. This would be carried out by BHCC on behalf of the Greater Brighton partnership and the process could start as soon as the funding is approved, because Hydrogen Sussex has already worked on an outline specification.

- 6.4. Hydrogen Sussex is likely to need further additional funding to fully develop the investment case. The group can investigate other potential sources of funding including commercial sources and Coast to Capital LEP seed funding.

7. ANALYSIS & CONSIDERATION OF ANY ALTERNATIVE OPTIONS

- 7.1. The proactive and forward-thinking work of Hydrogen Sussex and Greater Brighton, including the ambition to become a leading hydrogen region, will ensure that the City Region is best placed to take advantage of these opportunities. A reactive or do-nothing approach would jeopardise the excellent work already done and potentially lead to future opportunities being missed.

8. COMMUNITY ENGAGEMENT & CONSULTATION

- 8.1. Hydrogen Sussex brings together a large number of Greater Brighton members including local authorities, universities and other key stakeholders. It is also reaching out to hydrogen groups across other areas of the UK.

9. CONCLUSION

- 9.1. Greater Brighton's activities to develop a hydrogen economy will support green objectives of the Greater Brighton Energy and Water Plans, Greater Brighton 10 Pledges, and ambition to establish a Hydrogen Hub.
- 9.2. Continuing development of a hydrogen strategy, research and ongoing work of Hydrogen Sussex will ensure that plans are in progress to maximise these opportunities. Further, at the current time it is crucial that the region is seizing the initiative to initiate, support and coordinate projects which will both help the environment and lead a sustainable economic recovery.

10. FINANCIAL & OTHER IMPLICATIONS:

Financial Implications

- 10.1. A contribution of £25,000 will be made from the Greater Brighton Economic Board Operational Budget 21-22 to Hydrogen Sussex for commissioning an initial hydrogen investment proposition and strategy. An existing contribution of £13,696 has already been made to Hydrogen Sussex for core functions. Hydrogen Sussex is likely to need further additional funding to fully develop the investment case. Further work will be undertaken to explore other potential sources of funding which may include commercial sources and Coast to Capital LEP seed funding options.

Finance Officer Consulted: Rob Allen, Principal Accountant

Date: 19/01/22

Legal Implications

- 10.2. There are no legal implications arising directly from this report.

Lawyer Consulted: Joanne Dunnyaglo, Senior Property Lawyer

Date: 14/01/2022

Sustainability Implications

- 10.3. A gradual transition to hydrogen to power key sectors, including heavy freight, shipping, and carbon-intensive manufacturing, will help to cut carbon emissions and provide better air quality, thus having a positive impact on sustainability. The focus of Hydrogen Sussex is on 'green' hydrogen, produced by electrolysis with renewable electricity, which therefore has very limited carbon emissions from production and makes the most of the region's potential for renewable power.

SUPPORTING DOCUMENTATION

Background Documents:

Greater Brighton Energy Plan (July 2020)

Greater Brighton 10 Pledges (October 2020) and update (October 2021)

Subject:	Greater Brighton Investment Programme – Progress Update		
Date of Meeting:	1 February 2022		
Report of:	Chair, Greater Brighton Officer Programme Board		
Contact Officer:	Name:	Nick Hibberd	Tel: 01273 293756
	Email:	Nick.Hibberd@brighton-hove.gov.uk	
LA(s) affected:	All		

FOR GENERAL RELEASE

1. PURPOSE OF REPORT AND POLICY CONTEXT

- 1.1 The purpose of the Investment Plan Update is to provide the Greater Brighton Economic Board (“the Board”) with an update on progress on the Greater Brighton Investment Programme (“the Investment Programme”) since the Board’s last meeting on 19 October 2021.
- 1.2 Updates are included on the Local Growth Fund (LGF) allocations made as part of the Growth Deal Rounds 1, 2 and 3. The period covered by this report is 1 October 2021 to 31 December 2021.
- 1.3 This cover report provides some context on the LGF Funding Rounds and narrative updates on the Investment Programme projects. Further details on the individual projects can be found in the Investment Programme Update report at Appendix 1.

2. RECOMMENDATIONS:

- 2.1 That the Board note the report and the Investment Programme Update at Appendix 1.

3. CONTEXT/BACKGROUND INFORMATION

LGF Growth Deal Rounds 1 & 2

- 3.1 A total of approximately £90m was allocated to projects across the City Region from LGF Growth Deal rounds 1 & 2. These projects will deliver a total investment of approximately £376m into the City Region, unlocking an estimated 14,000 jobs, 8,200 homes and 450,000m² of employment floor-space. Current active projects are listed below with a summary of progress since the last update.

3.1.1 New England House Growth Centre (Brighton) - £4.9m

Design team still on hold to allow for completion of all necessary survey work. Fire compartmentation survey commenced in mid-December. Design process will recommence once this has been completed.

3.1.2 Digital Catapult & 5G Testbed (Brighton) - £1.8m

Digital Catapult Brighton's activity in the last period continued to focus on the 5G Festival - a DCMS-supported programme to develop emerging technologies to support the production, distribution and consumption of music in new ways. An expansive technical test of a performance was undertaken in December synchronously in Brighton and London. The "Alternative Stages" strand of 5G Festival hosted a series of events and workshops with those working in the regional music industry.

Work continues on the technical development of various aspects of this project including distributed live and as-live music concerts, virtual versions of venues (with Green Door Store added in the last period), and enhanced fan experiences. During the last period, work was undertaken procuring technical equipment to upgrade the 5G testbed to align with BHCC's Research & Innovation Fibre Ring activity.

3.1.3 Circus Street Innovation Centre & Regeneration (Brighton) - £2.7m

Practical completion was achieved on both the office block and The Dance Space (the final 2 buildings to be completed) as well as onsite and the majority of offsite public realm works (including all public art elements). South East Dance took on the lease of The Dance Space on 16 December.

3.1.4 Plus X (Brighton) - £7.7m

Plus X remained operational and continued to grow membership. Since its opening in August 2021, the new ground floor café, Café Domenica, has proved a huge success with members and visitors. The café also provides training opportunities for young people with learning disabilities. The Brighton Research Innovation Technology Exchange programme for ambitious and established businesses primarily based in the Coast to Capital Local Enterprise Partnership region continued. Other elements of the Preston Barracks redevelopment are at an advanced stage, with several buildings at or nearing completion. The first residential blocks are due for completion and occupation in the coming months, and external works to other residential blocks continues. The University of Brighton's adjacent development also progressed well. The new student halls on the Mithras House site were completed. Construction of the new pedestrian bridge spanning the Lewes Road continued, with the foundations on either side of the road advancing, with completion expected in the first half of 2022.

3.1.5 Valley Gardens – Phase 3 (Brighton) - £8.0m

Following the third public consultation exercise for Valley Gardens Phase 3 which completed in late 2020, and further stakeholder engagement the final General Highway Arrangement was completed in December 2021. This final design will be presented to ETS Committee and P&R Committee in January 2022. Cost estimates have increased due to rising construction costs and additional stakeholder infrastructure included in the plan, such as those required for sustainable events. The construction contract procurement to commence in spring 2022 and be completed by early summer 2022.

3.1.6 Adur Tidal Walls & Western Harbour Arm Flood Defences (Shoreham-By-Sea) – £10.5m
Demolition contract was appointed.
Demolition of redundant Yacht Club October/November 2021.

3.1.7 A2300 Corridor Improvements (Burgess Hill) - £17.0m

See 3.2.5 below

LGF Growth Deal Round 3

3.2 In February 2017 Coast to Capital announced that it has secured £66m through Round 3 of the Growth Deal. All six projects put forward by the Board were allocated funding - totalling £48.77m. The project updates are as follows:

Worthing Central Phase 1 (Worthing) - £5.6m

3.2.1 Teville Gate:

Site was acquired by Worthing Borough Council for redevelopment in August 2021. Development Strategy and approach involving joint investment with London & Continental Railways was confirmed in December 2021. Meanwhile use occupier was confirmed in December 2021.

3.2.2 Union Place:

S106 agreement was drafted and formal planning permission issued. Phase 1 was put to market for development partner with deadline of 23rd September. Bids were considered and detailed due diligence and negotiation undertaken.

3.2.3 Decoy Farm (Worthing) - £4.8m

The full design team has been appointed including commercial advice, surveying team, architectural team and wider suite of advisers.

3.2.4 New Monks Farm & Airport (Shoreham-By-Sea) - £5.7m

There is no further update for this period. Previous report is as follows:

- Housing and infrastructure development has continued at pace with a number of units completed and occupied on the site.
- Work is due to commence on the A27 roundabout in autumn 2021 for completion in late 2022.
- Ikea announced that they will not continue with their proposed new store and that they will market the site for a suitable development in September 2021

3.2.5 Growth Location (Burgess Hill) - £14.9m

Town Centre Regeneration: Completion of the S106 agreement and planning permission for the redevelopment of the Martlets Shopping Centre was issued on the 2nd July 2021.

Northern Arc: Work is continuing on site with housebuilder Countryside Properties. Work is complete on the Western Link Road Roundabout with full use expected following the completion of the A2300 dualling. Homes England progressing the feasibility for the first primary school on the site. Pre-application discussions have commenced for secondary school on site. Planning application has now been received for the pedestrian and cycle bridge that will link Freeks Farm with the eastern neighbourhood centre.

A feasibility study is being progressed for the Centre for Community Sports which is to be delivered on the site.

Place and Connectivity: Work continues delivery of the first of the phase 1 schemes including public art and other public realm improvements to the underpass at Wivelsfield Railway station. Detailed design work continues for highway improvements at Burgess Hill and Wivelsfield Stations, public realm improvements for Church Walk / Church Road, and access & connectivity improvements for Victoria Business Park. Delivery continues on Green Link (80% complete, 5.8km/7km) and Green Circle routes (90% complete, 4km/4.35km).

A2300 corridor improvements: Construction began in spring 2020 and is progressing to programme with both carriageways anticipated to be completed by the end of Q4 2021/22.

Employment space, The Hub: The second phase of development (a 5,000m² warehouse for Roche Diagnostics) was completed in early February 2021. Outline planning permission for the remaining 40,000m² has been approved, and issued.

Digital Infrastructure: Works to implement the Digital Infrastructure across and around Burgess Hill, including a southern link to Brighton and a northern link via Horsham to Crawley, are well progressed. The Local Full Fibre Network (LFFN) project has now been delivered totalling 15km of dark fibre and the Burgess Hill Fibre Exchange. Customer enquiries being received and are responded to through the CNI co-operative partners; first customer connection expected January 2022.

One public estate (OPE) 7: The Brow - redevelopment of an extended Brow site in Burgess Hill will provide enhanced accommodation for the emergency and primary care services and to create space for 440 new homes (led by WSCC). Consultants Faithful and Gould have completed a draft viability study which is currently being reviewed to agree next steps.

Land adjacent to Burgess Hill station - Officers are working with key stakeholders including Network Rail and The Arch Company (the principal landowner at the site). Review of feasibility and appraisal work is underway.

Goddards Green Waste Water Treatment Works: Phase 1 of the project has been completed delivering most of the odour reduction benefits. All the £4m LGF-funding has been spent, alongside the £6.54m HIF grant. The remainder of the project will be funded by private Southern Water investment (£13.6m).

3.2.6 Black Rock /Waterfront (Brighton) - £12.1m

Dukes Mound works and new public realm complete February 2022. Sea wall works package awarded progressing well and completes March 2022.

A short film about the project has been produced [Black Rock rejuvenation \(brighton-hove.gov.uk\)](https://www.brighton-hove.gov.uk/black-rock-rejuvenation)

Engagement with stakeholders continues and direct communications via Blackrockcommunity.com website is ongoing.

The local wildlife site has now been relocated and vegetated shingle is growing well in the new location. The 2nd and 3rd phases have also completed with successful planting of the seedlings in their new location taking place in December 2021. Two further short films describe this part of the project on the BHCC website [The relocation and expansion of Black Rock's Local Wildlife Site - YouTube](#).

LGF Growth Deal Unallocated Funds Rounds 1 & 2 – December 2016 Call

3.3 In December 2016 Coast to Capital announced that it had approximately £46.65m of unallocated funds available to support capital growth projects. The Greater Brighton Economic Board put forward eight bids, five of which received funding totalling approximately £9.9m. The project updates are as follows:

3.3.1 Adur Civic Centre (Shoreham-By-Sea) - £1.8m

Phase 2: Public consultation on proposed development by Hyde Housing took place on 20/02/2020 and detailed design work was undertaken throughout 2021. Planning application submitted autumn 2021.

3.3.2 Springman House (Lewes) – £2.0m

There has been no further update since the last meeting and the last position is as follows:

Following the purchase of the site by Lewes District Council, plans were drawn up with the East Sussex Fire and Rescue Service Sussex Police and the South East Coast Ambulance Service. NSQL, the majority landowner at the NSQ site, has now sold its land to the developer – Human Nature. In December 2020, the Council's Cabinet agreed heads of terms for the sale of its own land to this same developer in order that it can comprehensively redevelop the site. Human Nature has confirmed that it will submit a new planning application for the NSQ and the Council is now liaising with the developer to understand its plans and timescales for the site, including the fire station.

3.3.3 Railway Quay (Newhaven) - £1.5m

Flood defence works on site are now completed and negotiations are underway with existing tenant re: relocation. LDC has secured £1.3m from the Getting Building Fund to convert the former UTC building into a maritime and sustainable technology hub, offering education / training space and commercial facilities for SME's. This has been augmented by a commitment of £500k from LDC towards the estimated £1.8m project costs. Lease negotiations with DfE are being finalised and hopeful of taking possession in early 2022. A final layout plan is being prepared and it is planned to undertake an Expression of Interest process to elicit appropriate commercial partners for the project.

Phase 1 of Railway Quay is now complete, funded through the Towns Fund and CiL to deliver The Sidings - offering new visitor, community and sustainability facilities, including a café and a base for the local gig rowing club, as well as an

active travel hub. Funding has been secured from DfT towards a trial of e-cargo bikes to be based at the site with orders now having been placed.

3.3.4 Heritage Centre Stage – Corn Exchange & Studio Theatre (Brighton) - £3.0m

The Council's appointed Management Contractor, Westridge Construction Limited, has completed all roofing works and structural remedial works to the 200-year-old Corn Exchange timber frame to secure the building envelope. The Studio theatre fibrous plaster ceiling and copper roof require replacement as they have reached the end of their useful lives and have been brought into scope with these works on-going. Finishing and completion works are progressing with the installation of the Corn Exchange oak wall boarding completed and the timber floor to be fitted in January 2022. Covid-19 and possibly Brexit appear to be impacting availability of materials with longer delivery times that have caused delays including to the replacement copper roof. This remains an on-going risk. On site measures including physical distancing, track and trace venue check-in, increased cleaning regime and visitors asked to wear facemasks are continuing. Practical Completion is now anticipated in August 2022.

4. ANALYSIS & CONSIDERATION OF ANY ALTERNATIVE OPTIONS

4.1 None required.

5. COMMUNITY ENGAGEMENT & CONSULTATION

5.1 None required.

6. CONCLUSION

6.1 The Board is asked to note the contents of this report.

7. FINANCIAL & OTHER IMPLICATIONS:

Financial Implications:

7.1 There are no direct financial implications associated with this report regarding the progress made in the third quarter of this financial year on approved schemes within the Greater Brighton Investment Programme. Schemes already included within the Greater Brighton Investment Programme have approved business cases in place with funding options identified and these have been reported to their respective bodies. The progress of each scheme is detailed within the Investment plan Update Report in appendix 1. Future or revised business plans will be reported accordingly within the timescales of the project timetables.

Finance Officer Consulted: Rob Allen, Principal Accountant

Date: 19/01/22

Legal Implications:

None.

Lawyer Consulted: Joanne Dunyaglo, Senior Property Lawyer

Date: 20/01/22

Equalities Implications:

- 7.2 None arising from this report. Equalities issues will be addressed on a project-by-project basis.

Sustainability Implications:

- 7.3 None arising from this report. Sustainability issues will be addressed on a project-by-project basis.

Any Other Significant Implications:

- 7.4 None.

SUPPORTING DOCUMENTATION

Appendices:

Greater Brighton Investment Update Report February 2022

Background Documents:

None



Greater Brighton Economic Board

**Investment Programme Update
Report**

February 2022

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Adur Civic Centre – Shoreham



Funding (all years)

Total LGF Funding	£1.71m
Total Public Funding	£0.0m
Total Private Funding	£9.89m
Total Other Funding	£0.00m
Total Funding	£11.60m

Outputs

Phase 1 North Site -30,000sqft of employment space

Phase 2 South Site – 987sqm of employment space and 171 residential units

What happened in the last period?

Phase 2: Public consultation on proposed development by Hyde Housing took place on 20/02/2020 and detailed design work was undertaken throughout 2021.

Planning application submitted autumn 2021

Target Milestones (Phase 2)

Planning Determined: February 2022

Start on site: April/May 2022

Completion: by Autumn 2024

Aims & Objectives

Adur District Council have led on the development of a two phase scheme for the former Council offices in Shoreham. Phase 1 involved the development of a 30,000 sqft (gross) office building which is now complete and let to local business Focus Group following £9.89m of Council investment.

For Phase 2 the Council have identified Hyde Housing as the preferred bidder for the site (Hyde Housing) and are working to finalise contracts. A planning application was submitted in August 2021 for 173 homes (100% affordable in line with Hyde Housing’s strategic partnership with Homes England) and ground floor commercial space.

Key Facts

Delivery Partners: Adur District Council, Willmott Dixon, Hyde Housing Group

Burgess Hill Strategic Growth Programme



Artist's impression

Aims & Objectives

The programme will deliver transformative change to the town, secure major growth and significant improvements in housing, jobs, infrastructure, and social and community facilities. To support the programme the following grant funding has been secured:

- **£17 million** from the Local Growth Fund (LGF) to support A2300 corridor improvements comprising an upgrade to a dual carriageway, junction improvements, and the provision of a footway and cycleway linking to the National Cycle Network.
- **£10.9 million** LGF funding for a Place and Connectivity package of sustainable transport schemes including improvements to Burgess Hill and Wivelsfield railway stations, public realm improvements, and an inter-urban cycle route between Haywards Heath and Burgess Hill.
- **£4 million** LGF and a further **£6.5 million** Housing Infrastructure Fund (HIF) to improve the Goddard's Green Waste Water Treatment works, unlocking land to develop a further 256 homes.
- Up to **£2.2 million** from the Government's Local Full Fibre Network fund and **£2 million** LGF and **£1.6 million** retained business rates to support the implementation of new digital infrastructure for Burgess Hill which in turn will stimulate the market for internet service providers.
- **£165k** from One Public Estate for design and feasibility studies to redevelop 'The Brow' and land adjacent to Burgess Hill Station.
- **£1 million** Access for All funding to improve accessibility at Wivelsfield Station.

Key Facts

Delivery Partners: Mid Sussex District Council, Homes England, West Sussex CC, Burgess Hill Town Council, Coast to Capital, Department of Transport, and developers.

Funding (all years)

LGF Funding	£33.9m
Homes England funding	£370.5m
DCMS & other digital funding	£3.8m
OPE Funding	£165k
Access for All	£1.0m
WSCC Funding	£3.34m
MSDC Funding	£3.69m
Total Public Funding	£416.39m
Total Private Investment	£643.3m
Total Funding	£1,059.7m

Following their acquisition of the Northern Arc land parcels, the Council has an approved Infrastructure Delivery Plan (IDP) with Homes England which confirms an investment of £162m in strategic infrastructure.

Outputs

5,000 new homes, a Science and Technology Park (up to 100,000m² employment space), two business parks, 15,000 new jobs (including construction jobs), a major town centre regeneration (offering retail space, commercial leisure space including a cinema and a bowling alley, a hotel as well as new homes), improvements to the A2300 corridor, a package of public realm and sustainable transport schemes, new schools, increased GP capacity, improved leisure facilities, full-fibre digital infrastructure.

What happened in the last period?

Northern Arc: Work is continuing on site with housebuilder Countryside Properties. Work is complete on the Western Link Road Roundabout with full use expected following the completion of the A2300 dualling. Homes England progressing the feasibility for the first primary school on the site. Pre-application discussions have commenced for secondary school on site. Planning application has now been received for the pedestrian and cycle bridge that will link Freeks Farm with the eastern neighbourhood centre.

A feasibility study is being progressed for the Centre for Community Sports which is to be delivered on the site.

Place and Connectivity: Work continues delivery of the first of the phase 1 schemes including public art and other public realm improvements to the underpass at Wivelsfield Railway station. Detailed design work continues for highway improvements at Burgess Hill and Wivelsfield Stations, public realm improvements for Church Walk / Church Road, and access & connectivity improvements for Victoria Business Park. Delivery continues on Green Link (80% complete, 5.8km/7km) and Green Circle routes (90% complete, 4km/4.35km).

A2300 corridor improvements: Construction began in spring 2020 and is progressing to programme with both carriageways anticipated to be completed by the end of Q4 2021.

Employment space, The Hub: The second phase of development (a 5,000m² warehouse for Roche Diagnostics) was completed in early February. Outline planning permission for the remaining 40,000m² has been approved, and issued.

Digital Infrastructure: Works to implement the Digital Infrastructure across and around Burgess Hill, including a southern link to Brighton and a northern link via Horsham to Crawley, are well progressed. The Local Full Fibre Network (LFFN) project has now been delivered totalling 15km of dark fibre and the Burgess Hill Fibre Exchange. Customer enquiries being received and are responded to through the CNI co-operative partners; first customer connection expected January 2022.

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Land adjacent to Burgess Hill station - Officers are working with key stakeholders including Network Rail and The Arch Company (the principal land-owner at the site). Review of feasibility and appraisal work is underway.

Goddards Green Waste Water Treatment Works: Phase 1 of the project has been completed delivering most of the odour reduction benefits. All the £4m LGF-funding has been spent, alongside the £6.54m HIF grant. The remainder of the project will be funded by private Southern Water investment (£13.6m).

Target Milestones — Various (project-specific).

Circus Street – Brighton



people will use the space every year. It will become a cultural and community hub, where people gather to collaborate, participate, watch and learn.

Key Facts

Delivery Partners: U+I plc (Cathedral Brighton), Brighton & Hove City Council

Funding (all years)

Total LGF Funding	£2.70m
Total Public Funding	£0.40m
Total Private Funding	£106.57m
Total Other Funding	£0.00m
Total Funding	£109.67m

Outputs

142 new homes; 387 additional jobs and 232 net additional jobs after displacement and substitution; 30,000 sq ft. office building; 450 student accommodation bed spaces; “The Dance Space” (dance studios, offices, public performance space and HQ for South East Dance); start-up workshops, retail units and restaurant; public realm to include a square and landscaped courtyards.

What happened in the last period?

Practical completion was achieved on both the office the office block and The Dance Space (the final 2 buildings to be completed) as well as onsite and the majority of offsite public realm works (including all public art elements). South East Dance took on the lease of The Dance Space on 16 December.

Target Milestones: All target milestones achieved

Aims & Objectives

The mix of residential, business, education and cultural occupiers on the site will bring a wide variety of people into the area, benefitting existing local businesses. Economic impact studies indicate that the development will create approximately 232 predominantly local jobs. It will generate £1 million in council tax, new business rates contributions and new homes bonuses. It would encourage student and new resident population spending in and around the site and would boost the local economy by more than £10m each year due to a multiplier effect.

The main office building will be a new centre for innovation and enterprise that will maximise the potential for linking the University’s research functions and private organisations that will cohabit in the building. This Innovation Hub will, in turn, create and support fledgling new business in the City and generate opportunities for students, graduates and university staff to work alongside SMEs and larger organisations.

The Dance Space provide a new HQ for South East Dance as well as 3 studios (one for public performances) and office space for other cultural industries. The growing artistic community in Brighton has no dedicated space for dance and it is estimated that 60,000

Decoy Farm – Worthing



Outputs

- **Phase 1:** To remediate the 7-hectare former landfill site, unlocking it for commercial development.
- **Phase 2:** To deliver up to 13,536sqm of employment floorspace by developing new commercial units to meet existing and future industrial demand.

What happened in the last period?

- Appointment of the full design team including commercial advice, surveying team, architectural team and wider suite of advisers.

Development Strategy

- Phase 2 of the development and output to deliver employment floorspace is progressing well.
- The Strategic Outline Case and Outline Business Case for the development of Decoy Farm are approved.
- Approval to progress the project through to Full Business Case in readiness for project delivery received at the Joint Strategic Committee meeting on 13 July 2021.

Target Milestones

- March 2022 launch of website and marketing material
- Sep 21 – Sep 22: Preparation of the Full Business Case. Pre-construction design work and submission of a full planning application for the development.

Aims and Objectives

An ambitious plan to upgrade an environmentally challenging but sizable plot of allocated employment land that has stood unused for over three decades. The completed project will boost employment opportunities and economic performance in the entire Coast to Capital LEP region.

Funding (all years)

Total LGF Funding	£4.84m
Total Public Funding	£4.84m
Total Private Funding	£15m
Total Funding	£25m

Key Facts

Delivery Partners: Worthing Borough Council, West Sussex County Council, Coast to Capital LEP.

Digital Catapult – Brighton



Funding (all years)

Total LGF Funding	£0.50m
Total Public Funding	£1.00m
Total Private Funding	£0.50m
Total Other Funding	£0.00m
Total Funding	£2.00m

Outputs

10,000 businesses receiving information about emerging technology opportunities; 1,000 businesses receiving non-financial support; 250 businesses assisted to cooperate with universities and other research institutions; 100 businesses supported to introduce new products or services to the market or the firm; 30 hackathons, boot-camps or pit-stops; and 10 in-depth collaborative R+D projects.

What happened in the last period?

Digital Catapult Brighton’s activity in the last period continued to focus on the 5G Festival - a DCMS-supported programme to develop emerging technologies to support the production, distribution and consumption of music in new ways. An expansive technical test of a performance was undertaken in December synchronously in Brighton and London. The “Alternative Stages” strand of 5G Festival hosted a series of events and workshops with those working in the regional music industry.

Work continues on the technical development of various aspects of this project including distributed live and as-live music concerts, virtual versions of venues (with Green Door Store added in the last period), and enhanced fan experiences.

During the last period, work was undertaken procuring technical equipment to upgrade the 5G testbed to align with BHCC’s Research & Innovation Fibre Ring activity.

Target Milestones

Alternative Stages project to commence October 2021
5G Festival delivered – March 2022

Aims & Objectives

To enable businesses to develop and exploit new products and services utilising emerging technologies (AA/VR, 5G, AI, etc), in order to improve productivity, develop better employment prospects and increase GVA in the region. The Digital Catapult Centre Brighton (DCCB) provides opportunities for start-ups and small businesses to connect with university research knowledge, work with large corporations, access innovation expertise and to engage with two core emerging technology platforms - the Immersive Lab and the 5G testbed. The 5G testbed received additional funding and the initial development and engagement activity is taking place at DCCB, hence the project date extension.

Key Facts

Delivery Partners: Wired Sussex, University of Brighton, University of Sussex, BHCC, American Express,

Black Rock – Brighton



Aims & Objectives

The scope and outputs for the Waterfront project have now evolved in to two projects, with the agreement of the Local Enterprise Partnership. A revised series of outputs has been agreed for the Black Rock project which focus upon two key phases of enabling (underway) and future permanent development (to be progressed with a target of 2026 for completion). See alternative for summary of Waterfront project (below).

The aim of the project to regenerate the Black Rock site is now underway, with a successful planning application achieved in June 2020 and five works packages at various stages. The first two works packages, to deliver improvements to Dukes Mound junctions and begin work to the new beach boardwalk, have appointed contractors and are nearing completion. The Sea Wall works are now underway and the Marina Link, followed by the works to existing heritage and Kemptown Gardens will begin in autumn 2021.

Completion remains targeted for early summer 2022 when the new event space will open. The Development Brief for the Black Rock site will be developed over the coming months to synchronise with work on the Eastern Seafront Masterplan.

The overall objective of the project is to regenerate the Black Rock site. A package of improvement works will unlock and de-risk the site for a future development, but will

also provide much needed improvements for the area in the interim. New infrastructure and a more developable site will be accompanied by temporary events space to support Covid recovery and a new temporary BMX pump track. A new play area and restored Reading room and Temple will also create more of a destination for visitors and residents. Long term development will be governed by a Development Brief which will be progressed during 2021/22.

Key Facts

Delivery Partners: Brighton and Hove City Council Major Projects and Regeneration Team are leading the project.

Funding (all years)

Total LGF Funding	£12.11m - underway
Total Public Funding	£12.611
Total Private Funding	Subject to final Business Case
Total Other Funding	£600k S106
Total Funding	£12.611m

Outputs

A revised economic impact assessment is currently underway to assess final outputs for the redeveloped Black Rock Site under a range of future scenarios. These will be included in the next update.

What happened in the last period?

Dukes Mound works and new public realm complete February 2022. Sea wall works package awarded progressing well and completes March 2022.

A short film about the project has been produced [Black Rock rejuvenation \(brighton-hove.gov.uk\)](https://www.brighton-hove.gov.uk/black-rock-rejuvenation)

Engagement with stakeholders continues and direct communications via Blackrockcommunity.com website is ongoing.



The local wildlife site has now been relocated and vegetated shingle is growing well in the new location. The 2nd and 3rd phases have also completed with successful planting of the seedlings in their new location taking place in December 2021. Two further short films describe this part of the project on the BHCC website [The relocation and expansion of Black Rock's Local Wildlife Site - YouTube](#).

Target Milestones

- Phased Completion – November 2021 to May 2022 – subject to a start on site in January for the Link Road/Promenade.

Heritage Centre Stage – Brighton



Funding (all years)

Total LGF Funding	£3.00m
Total Public Funding	£23.70m
Total Private Funding	£5.70m
Total Other Funding	£0.00m
Total Funding	£32.40m

Outputs

Employment: created and/or safeguarded - 337

Businesses assisted: financial and non-financial - 624

New floor space constructed/refurbished: learning - 157 m² new floor space constructed/refurbished, Commercial - 2,652 m²

Carbon reduction 39.961 tonnes of CO₂.

What happened in the last period?

The Council's appointed Management Contractor, Westridge Construction Limited, has completed all roofing works and structural remedial works to the 200-year-old Corn Exchange timber frame to secure the building envelope. The Studio theatre fibrous plaster ceiling and copper roof require replacement as they have reached the end of their useful lives and have been brought into scope with these works on-going. Finishing and completion works are progressing with the installation of the Corn Exchange oak wall boarding completed and the timber floor to be fitted in January 2022. Covid-19 and possibly Brexit appear to be impacting availability of materials with longer delivery times that have caused delays including to the replacement copper roof. This remains an on-going risk. On site measures including physical distancing, track and trace venue check-in, increased cleaning regime and visitors asked to wear facemasks are continuing. Practical Completion is now anticipated in August 2022.

Target Milestones

End Date: August 2022

Aims & Objectives

New Business Model & Commercial Strategy that increases future resilience by improving commercial performance and reducing running costs:

- Enhanced contribution to Brighton's cultural tourism by a strengthened City Centre & Cultural Quarter offer
- Returning the Royal Pavilion Estate to a world class heritage destination & protecting the heritage
- Achieving the long-term vision for both organisations
- Evidence-based improved Visitor/ Audience experience, and improved learning, access & participation).

Key Facts

Delivery Partners: Brighton & Hove City Council & Brighton Dome & Brighton Festival

New England House - Brighton



Funding (all years)

Total LGF Funding	n/a
Total Public Funding	11.1 million
Total Private Funding	n/a
Total Other Funding	n/a
Total Funding	n/a

Outputs

Upgrade building, including providing a net additional 7,090m² of new employment floor-space. Following the land deal with Legal & General on the adjacent Longley Industrial Estate, some of this City Deal floorspace output will be provided on the Longley site, with the remainder forming part of a proposed extension to New England House.

What happened in the last period?

Design team still on hold to allow for completion of all necessary survey work. Fire compartmentation survey commenced in mid-December. Design process will recommence once this has been completed.

Target Milestones

- Planning application: Early 2022
- Commence works on site: Late 2023
- End Date: Mid 2024.

Aims & Objectives

Upgrade and expand New England House so that it becomes a credible and highly visible hub for Greater Brighton's creative, digital and IT (CDIT) businesses.

Key Facts

New England House (NEH) is a business centre, built by the local authority in the early 1960s to provide workspace for industrial businesses. Over time, it has been subdivided into around 120 units. It is actively marketed as a centre for CDIT businesses and is much in demand for its relatively affordable workspace.

The building is in urgent need of refurbishment – especially its exterior. Under the Greater Brighton City Deal, BHCC was awarded £4.9 million in 2014 towards the refurbishment and expansion of NEH to consolidate its role as a flagship for the city's CDIT sector.

Delivery Partners: Brighton & Hove City Council

New Monks Farm - Shoreham-By-Sea



Aims & Objectives

The project is to develop a strategic employment and housing growth centre in Shoreham. Its main components are: (a) The provision of a new and improved signalised 6-arm junction on the A27 which will unlock housing and employment space by allowing access to and from the wider area and the specific development sites; (b) The building of 600 new homes and 10,000m² employment floor-space at New Monks Farm.

Key Facts

Delivery Partners: New Monks Farm Development Ltd, Highways England, West Sussex County Council (WSCC) and Adur District Council (ADC).

Funding (all years)

Total LGF Funding	£5.70m
Total Public Funding	£5.7m
Total Private Funding	£144m
Total Funding	£150m

Outputs

1. A £150 million capital investment;
2. The delivery of 600 new homes, 30% of which will be affordable;
3. 876 gross new jobs;
4. £2.8m in public sector receipts from council tax revenues, new homes bonus and new business rates; and £11.5m additional annual GVA to the Adur economy

What happened in the last period?

There is no further update for this period. Previous report is as follows:

- Housing and infrastructure development has continued at pace with a number of units completed and occupied on the site.
- Work is due to commence on the A27 roundabout in autumn 2021 for completion in late 2022.
- Ikea announced that they will not continue with their proposed new store and that they will market the site for a suitable development in September 2021

Target Milestones

Delivery of New Junction to the A27: December 2022

Completion of Development: December 2028

Plus X – Brighton



Plus X building

Aims & Objectives

The 'Plus X' seven storey innovation hub is a U+I Plc concept, a model they have delivered successfully elsewhere. As a key element of the comprehensive mixed-use redevelopment it provides a unique, high quality workspace model, tailored to the unique needs of Brighton's creative and entrepreneurial businesses, particularly those designing and making physical products. It aims to be somewhere inspiring, functional, sustainable and flexible in its design. It is an innovative provision of shared workspaces and facilities that promote collaboration and facilitate serendipity. The shared spaces range from events spaces to prototyping labs, meeting rooms and cafe/break out spaces, something that attracts both small and larger tenants.

Key Facts

Delivery Partners: Brighton & Hove City Council (Delivery Body), U+I Group Plc (Developer) and University of Brighton (together the partners in the overall mixed-use development across the combined sites).

Funding (all years)

Total LGF Funding	£7.7m
Total Public Funding	£0.00m
Total Private Funding	£12m
Total Funding	£19.7m

Outputs

Contractual outputs: 4,910m² of new employment space, 517m² of high specification prototyping labs/workshops, 100 onsite jobs, £5.427m of match funding.

Non-contractual outputs: 200 other jobs, £250,000 follow-on investment, 141 businesses supported.

What happened in the last period?

Plus X remained operational and continued to grow membership. Since its opening in August 2021, the new ground floor café, Café Domenica, has proved a huge success with members and visitors. The café also provides training opportunities for young people with learning disabilities. The Brighton Research Innovation Technology Exchange programme for ambitious and established businesses primarily based in the Coast to Capital Local Enterprise Partnership region continued. Other elements of the Preston Barracks redevelopment are at an advanced stage, with several buildings at or nearing completion. The first residential blocks are due for completion and occupation in the coming months, and external works to other residential blocks continues. The University of Brighton's adjacent development also progressed well. The new student halls on the Mithras House site were completed. Construction of the new pedestrian bridge spanning the Lewes Road continued, with the foundations on either side of the road advancing, with completion expected in the first half of 2022.

Target Milestones – Complete development End Date: Dec. 2022.

Railway Quay - Newhaven



Funding (all years)

Total LGF Funding	£1.5m
Total Public Funding	£840k (so far, mix of TF and CiL)
Total Private Funding	TBC
Total Other Funding	TBC
Total Funding	TBC

Outputs

New commercial floor-space, job creation and land remediation. Details currently being finalised.

What happened in the last period?

Flood defence works on site now completed and negotiations underway with existing tenant re: relocation. LDC has secured £1.3m from the Getting Building Fund to convert the former UTC building into a maritime and sustainable technology hub, offering education / training space and commercial facilities for SME's. This has been augmented by a commitment of £500k from LDC towards the estimated £1.8m project costs. Lease negotiations with DfE are being finalised and hopeful of taking possession in early 2022. A final layout plan is being prepared and it is planned to undertake an Expression of Interest process to elicit appropriate commercial partners for the project.

Phase 1 of Railway Quay is now complete, funded through the Towns Fund and CiL to deliver The Sidings - offering new visitor, community and sustainability facilities, including a café and a base for the local gig rowing club, as well as an active travel hub. Funding has been secured from DfT towards a trial of e-cargo bikes to be based at the site with orders now having been placed.

Target Milestones

End Date: TBC.

Aims & Objectives

The Newhaven Enterprise Zone (EZ) is a cross-agency that aims to shift the town towards a higher-value economy over the next 25 years. The EZ covers eight key strategic sites (79ha) in a mixture of public and private ownerships, offering a mix of greenfield sites and the opportunity to develop, refurbish and intensify economic activity across a number of brownfield sites formerly used by heavy industry. The focus of the EZ is on growing the emerging 'clean, green and marine' sectors in particular. Over the 25-year lifespan of the EZ, it is estimated that 55,000m² of new commercial floor-space will be created, 15,000m² of existing commercial floor-space will be refurbished. This will create / sustain up to 2,000 FTE jobs.

Key Facts

Delivery Partners: Lewes District Council.

Springman House – Lewes



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Aims & Objectives

The project involves the formation of new fire and ambulance station facilities. A key project aim is to deliver modern new premises for both services.

Key Facts

Delivery Partners: Lewes District Council are the lead delivery body in partnership with East Sussex Fire & Rescue Service (ESFRS), Sussex Police and the South East Coast Ambulance Service.

Funding (all years)

Total LGF Funding	£2.00m
Total Public Funding	£4.34m
Total Private Funding	£0.00m
Total Other Funding	£0.00m
Total Funding	£6.34m

Outputs

By enabling the development of a new blue light facility on the site of Springman House, this project will unlock the North Street Quarter scheme - a major, strategic mixed-use development in Lewes. Relocating the Community Fire Station from its existing premises on North Street, Lewes will enable the delivery of new homes and commercial floor-space through the North Street Quarter (NSQ) regeneration scheme, and enable Lewes’ “blue light” services to be co-located.

What happened in the last period?

There has been no update since the last period. Previous update is as follows:

Following the purchase of the site by Lewes District Council, plans were drawn up with the East Sussex Fire and Rescue Service Sussex Police and the South East Coast Ambulance Service. NSQL, the majority landowner at the NSQ site, has now sold its land to the developer – Human Nature. In December 2020, the Council’s Cabinet agreed heads of terms for the sale of its own land to this same developer in order that it can comprehensively redevelop the site. Human Nature has confirmed that it will submit a new planning application for the NSQ and the Council is now liaising with the developer to understand its plans and timescales for the site, including the fire station.

Target Milestones

End Date: To be confirmed, subject to Human Nature’s programme including planning.

Teville Gate - Worthing



Teville Gate House Construction 12/12/2019

Aims & Objectives

Teville Gate (TG) forms part of the Worthing Central Programme (Phase 1) to transform key brownfield sites in Worthing town centre. This project will facilitate the redevelopment of the site by undertaking site preparation works, consisting of the demolition of all buildings within the redline and provision of a temporary surface car park. Thereafter the Council will continue to support the freeholders, Mosaic Global Investments (Mosaic) and Hanson Development to develop out the scheme for office, residential and commercial.

Key Facts

Delivery Partners: Worthing Borough Council, Mosaic Global Investments, Coast to Capital LEP, Hanson Developments & HMRC, Homes England

Funding (all years)

Total LGF Funding	£2.09m
Total Public Funding	£2.0m
Total Private Funding	£79m (wider site) £32m (Teville Gate House)
Total Funding	£81.00m

Outputs

(a) 375 new homes (b) 3,410sqm of commercial floor-space (restaurants, cafes and on-site gym) (c) 6,740sqm of retail floor-space (state of the art supermarket) (d) 493 gross jobs (net jobs 314) (e) Modern car parking infrastructure (over 160 spaces for residents and visitor use) (f) New public realm (approx. 4,000sqm, creating an improved public corridor from Worthing station to the town centre). 70,000sqft office building at Teville Gate House for HMRC.

What happened in the last period?

- Site acquired by Worthing Borough Council for redevelopment in August 2021
- Development Strategy and approach involving joint investment with London & Continental Railways confirmed in December 2021
- Meanwhile use occupier confirmed in December 2021.

Target Milestones

Spring/ summer – advertising for development partner for the development of the site in partnership with WBC

Winter 2022 – planning process commence

Spring 2023 – planning application submitted.

Union Place - Worthing



Funding

Total LGF Funding	£3.60m
Total Public Funding	£5m
Total Private Funding	£31.4m
Total Other Funding	TBC
Estimated GDV	£70m

Outputs

- 169 - New Homes – 30% affordable
- 610sqm - Commercial Space
- 90 - Guest room Hotel
- 3 /4 Screen – Cinema
- 1072sqm- Flexible Cultural Space
- 245 – Parking spaces

What happened in the last period?

- S106 agreement drafted and formal planning permission issued
- Phase 1 put to market for development partner with deadline of 23rd September.
- Bids considered and detailed due diligence and negotiation undertaken.

Target Milestones

- Committee paper to agree preferred bidder – spring 2022
- Detailed/ revised matters planning application due – autumn 2022
- Commence on site spring 2023

Aims & Objectives

Union Place (UP) forms part of the Worthing Central Programme (Phase 1) to regenerate key brownfield sites in Worthing town centre. The Council has entered into a land pooling agreement for the site with partners London and Continental Railways (LCR). The partners have prepared a development strategy for the sites which has been approved at JSC. The development strategy could include direct delivery or selling the consented scheme to a developer.

Key Facts

Delivery Partners: Worthing Borough Council (WBC), London & Continental Railways, Coast to Capital LEP.

Valley Gardens Phase 3 – Brighton



Proposed scheme

Aims & Objectives

Simplification of traffic network, provision of 'public transport corridor' to the west with general traffic on the western corridor. Enhanced public realm, gardens and materials throughout. The scheme aims to contribute to improved air quality, safety, accessibility, connectivity, improve efficiency and upgrade signals at junctions. Reduce street clutter and provide enhanced greenspace for public enjoyment.

Key Facts

Delivery Partners: C2C Local Enterprise Partnership

Outputs

Match Funding (BHCC) £1.712m, Local Funding £0.414, Total resurfaced roads - 1,588m, Total length of cycle ways - 670m, Area of land experiencing flooding - 63,866m².

Funding (all years)

Total LGF Funding	£6.00m
Total Public Funding	£1.84m
Total Private Funding	£0.0m
Total Other Funding	£0.00m
Total Funding	£7.84m

What happened in the last period?

Following the third public consultation exercise for Valley Gardens Phase 3 which completed in late 2020, and further stakeholder engagement the final General Highway Arrangement was completed in December 2021. This final design will be presented to ETS Committee and P&R Committee in January 2022. Cost estimates have increased due to rising construction costs and additional stakeholder infrastructure included in the plan, such as those required for sustainable events. The construction contract procurement will commence in Spring 2022 and be completed by early Summer 2022.

Target Milestones

End Date: Spring 2024

Western Harbour Arm – Shoreham-By-Sea



Proposed scheme

Aims & Objectives

A new flood defence wall and cycle path to be constructed in Shoreham adjacent to the A259 on Brighton Road where the flood defence is at its most vulnerable point for flooding. ADC purchased a 3.5m strip of land off Sussex Yacht Club through grant funding from Coast 2 Capital LEP. The sale of the land would enable the yacht club to build a new club house and allow the council to demolish the redundant club house where the new flood wall will be located.

Key Facts

Delivery Partners: Adur District Council (ADC), Environment Agency and Sussex Yacht Club, Shoreham Harbour Partnership.

Funding (all years)

Total LGF Funding:	£3.50m
Total Public Funding:	£1.14m
Total Private Funding	£0.00m
Total Other Funding:	£0.00m
Total Funding:	£4.64m

Outputs

- Flood defence scheme to protect residents and businesses
- Cycle path
- New yacht club for Shoreham.

What happened in the last period?

- Demolition contract appointed
- Demolition of redundant Yacht Club October/November 2021

Target Milestones

- Commencement of Flood Defence construction spring 2022
- Completion autumn 2022