

Swansea Bay City Deal Portfolio

Quarterly Monitoring Report

(Jan - March 2023)

Appendix B

Programme / Project Scorecard							
Prog / Proj	Status Update	Delivery	Scope	Staffing Resource	Finance	Stakeholder Engagement	Overall (change)
Digital Infrastructure	Programme team have completed a benefits realisation exercise for 21-22 and are due to complete a similar exercise for 22-23 by the end of Q2 which quantifies the impact of the programme to date on connectivity of the region. The majority of staffing resources for the programme have now been successfully recruited with remaining posts currently out to advert. Stakeholders within UK and Welsh Government are fully engaged, working closely with the programme to ensure national, regional local connectivity projects are aligned. Telecoms providers have shown active interest in the programmes schemes and regional stakeholders remain fully committed to and engaged with the programme. However, competing demands and growing pressures within the public sector mean capacity to deliver at an organisational level is increasingly challenging however alignment to organisations transformation agendas ensure the programme continues to meet the needs of our partners.						↔
Pembroke Dock Marine	Overall and Finance Reduced to Amber, Cost increase has been included in Program Board papers. MHPA have concluded discussions with WEFO and are further along contract process. Given the uncertainty, there is still potential for cost uncertainty to impact project / program deliverables but will be updated and managed through project / program governance.						↔
Pentre Awel	<u>Delivery</u> – Remains Green following the execution of the NEC3 Construction Contract, entered into by Carmarthenshire County Council and Bouygues UK. Formal works commenced on 6 th February 2023 with piling works currently ongoing and to schedule. <u>Finance</u> – risk reduced from amber to Green following agreement of contract sum with Bouygues UK for Zone and prior approval at Full Council. Subcontractor packages now to be procured by BYUK. Lease agreements with proposed tenants for Zone 1 are progressing. Risks relating to build costs, inflation and materials are being managed by Bouygues and Gleeds.				↓		↔
Yr Egin	Increasing economic uncertainty and Covid implications impacting on levels and nature of demand. Following Phase 1 Lessons Learned exercise, an updated Creative Sector demand analysis has identified a significant change in the type of target companies (by financial size) and nature of provision required (bespoke support services rather than leased floorspace). Internal team putting in place process to identify required revisions to scheme to meet requirements of industry post-COVID. Project team now moving forward with Change Identification Notice for Egin Phase 2						↔
Campuses	Delays with the funding agreement have started to affect the timeline of the project. Work is currently being carried out to define an appropriate formal change request. Scope of the project remains unchanged as per the Business case however particular focus is on the affordability of the Phase 1 Singleton development and Morrison Management Centre. Mitigating actions formulated and pending project board approval. Delivery and finance amber due to funding agreement not being signed. Funding agreement meeting taken place between, city deal, Swansea Uni and Swansea Council. SU taking paper to internal finance and strategy board for reasonable endeavours sign off this month.						↔
Homes As Power Stations	HAPS Technical Co-ordinator appointed, commenced role Oct 22. Supply Chain first phase of work will commence with the support of OPUS BS Ltd. Business Case review commenced to ensure project realisation is up to date in view of economic changes. AAP Complete - Amber rating						↓
Supporting Innovation & Low Carbon Growth	Multiple projects in delivery namely SWITCH, AQMP, LEV,PDF, H2 stimulus project. Three tenants in place in BTC with active pipeline of enquiries being followed up. SWITCH Letter of Indemnity signed by both parties (SU & NPTCBC). Successful contractor being notified at time of preparing this update. PDF stage 1 process complete, companies invited to stage 2. AMPF enhanced project under discussion. SILCG Programme Board meets quarterly. PAR planning underway likely to be in September 2023. Delivery Amber due to pandemic delays etc but also learning from BTC construction has informed a revised timeline for construction. Lessons learned from BTC construction has helped inform future projects.						↔
Skills & Talent	Full project team recruited and in post. 9 Pilot projects already approved and moved/moving into delivery.						↔

Quarterly Monitoring Report

Swansea City & Waterfront Digital District Swansea Waterfront Business Case update has been signed off through Programme Board and Joint Committee. Gateway Review recommendations are being worked through with governance meetings between SC and UWTSD now set up. Discussions ongoing between Swansea Council & UWTSD about the delivery of the Innovation Precinct. Trinity projects - funding on red

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Title	Portfolio Management Office (Communications & Marketing)	Reporting Period	Q4 2022/23
Officer	Heidi Harries (SBCD Communications & Marketing Officer)		

Key achievements

- 61 positive mentions in local, regional, national and specialist media. Previous quarter was 38 therefore up by 23 mentions. This included coverage on Wales Online, Western Mail the South Wales Evening Post, Wales Business Insider, Business News Wales, Wales 247, Inside Media, and specialist publications. Topics covered include: Progress of 71/72 Kingsway, Pembroke Port prepares for FLOW, City Deal portfolio recognised for positive impact, Regeneration at Swansea City Centre, Construction starts at Pentre Awel, Swansea Arena welcomes 240,000 visitors.
- Twitter posts - From 1st January to 31st March 'reach' was 97,035k – this is the number of people that saw the posts, engaged, clicked on, re-tweeted, commented or liked. Number of followers is 1,562.
- Facebook posts - From 1st January to 31st March 'reach' was 10,922 – this is the number of people that saw the posts, engaged, clicked on, re-tweeted, commented or liked. Number of followers is 1009.
- Coordinated the Business and Economy Round Table Discussion podcase and the Freeport podcast.
- Approval of Portfolio Communications and Marketing plan by Programme Board
- Initial wording draft of the Annual Report.
- Initial draft of the City Deal Leaflet including new strapline discussions and shortlist.
- Primary discussions and planning for the Pembrokeshire Showcase event.
- Attended the Pentre Awel Ground-breaking event.
- Represented the City Deal in the 4theRegion City Centre Conference, CEIC Conference and the Marine Energy Wales Conference.
- Press Release on 'The Award Winning Portfolio'
- Social posts on various events the City Deal has attended, 71/72 Kingsway developments, Award winning portfolio, Freeport decision, Arena visitor numbers, Swansea University pilot project for Skills & Talent.
- Attendance in ongoing Marketing and Communications subgroup meetings with the Pembroke Dock Marie project and Pentre Awel project.
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Key Activities planned – October, November & December

- Complete the SBCD Annual Report for 2021 – 2022.
- Complete the City Deal leaflet.
- Create new City Deal branding and a slogan.
- Outline key milestones for each quarter for financial year 2023 – 2024.
- Attend the Innovation Matrix ground-breaking event.
- Finalise the regional City Deal event in Pembrokeshire and plan similar events in the other 3 counties.
- Attend a Marketing and Communications subgroup meeting for projects as possible.
- Prepare a UK Government and Welsh Government potential visit plan to include 71/72 Kingsway, Skills & Talent and the Bay Technology Centre.
- Plan key objectives until the end of the calendar year.
- Continued updates on the website and social media.

Title	Portfolio Management Office (Business Engagement)	Reporting Period	Q4 2022/23
Officer	Peter Austin (SBCD Business Engagement Manager)		

Key achievements over the last 3 months

Support Programmes and Projects

Ongoing business engagement support for programmes and projects this quarter includes:

- Supported PDM / MEW with attendance at Senedd ORE event.
- Supported PDM at Ministerial visit to Pembroke Dock.
- Supported HAPS at a meet the buyer event in Parc y Scarlets with RSL's and LAs in attendance.
- Attended a Gwynt Glass meet the buyer event Parc y Scarlets, one of the FLOW commercial collaborations who presented opportunities arising from FLOW.
- Coordinated Second PL's Construction Sub group meeting with guest speaker Ed Evans from CECA

Events

This month was a busy month for events with attendances at:

- Social Business Wales annual conference.
- MEW2023 2-day annual conference at Swansea Arena.
- CEIC spring conference (Swansea Uni) at Swansea.com.
- Swansea City Conference with 4theRegion at Swansea Arena.

Ongoing work includes planning regional showcase events with progress being made on an event in July with Pembs CC, Haven Enterprise Zone and PDM partners.

Other activities include a review of marketing material and promotional materials for younger audiences and public consumption.

Support stakeholder groups

Support activities this quarter include ongoing attendance at CEIC and Princes Trust Digital Skills Pathway steering group meetings. Liaison with Business Wales, Antur Cymru and Cwmpas re supply chains and business opportunities arising from WG programs and SBCD activity.

Business Engagement

Engagement event activities this quarter include, attending:

- The SA1 Business Club Dylan Thomas Centre Swansea.
- 4the Region Social Value Event – online.

Several meetings this quarter with businesses:

- ongoing meetings with Waymaker / Pure Energy Wales Renewables Ltd. Private sector inward investment enquiry supporting Barry Hale CCC and WG.
- Introduction to Jess Morgan, new Head of Decarbonisation Pembs NPA .
- Paul Thorburn MD ReesWorx, re Campuses opportunities.
- Swansea University re forthcoming programme development.
- Jess Harrington, Make the Change Consultancy re portfolio opportunities.
- Wales Autoforum re programme synergies.

Economic Strategy Board

This quarter focussed on facilitating the ESB meeting at Pembroke Dock, including a presentation on the new port tug simulator, a site visit to see the progress at Pembroke Port and discussion group where PDM partners could discuss their individual areas with Board members.

Other work this quarter includes liaising with CJC Manager to facilitate discussions on external advisers and role of ESB and EARTH project Manager to facilitate ESB meeting to input to new website development.

Next meeting being planned for June in Neath Port Talbot.

Other Activity

Other activity this quarter included:

- Attending Joint Scrutiny Committee re Construction Costs Report.
- Finalising reports for Programme Board: Construction Cost Impact and Private sector investment report.
- Attending the national City and Growth Deal PMO meeting.

Ongoing Activity

- Business Engagement activities.
- Monitoring Portfolio procurement pipeline.
- Updating the PoMO Events planner.

- Responding to enquiries received via the City Deal email inbox and other avenues.
- Managing SBCD LinkedIn account.
- Support Comms & Marketing officer in promotion of SBCD.

Key Activities planned – Oct,Nov,Dec

Continue to support stakeholders, programmes and projects.
 Continue to engage with businesses.
 Continue support for ESB, noting next meeting scheduled for February '23
 Attendance at Welsh Business Show and Welsh Construction Show Oct 22
 Finalise reports for Prog Board Construction Cost Impact / Carbon Reduction Impact of portfolio / private sector investment report
 Continue planning for regional showcase events
 Support Comms & Marketing officer in promotion of SBCD

Project Title	Pembroke Dock Marine	Programme / Project Lead	Steve Edwards
Local Authority Lead	Pembrokeshire County Council		
Project Delivery Lead	Milford Haven Port Authority	Reporting Period	Q4 2022/23
SRO	Steven Jones		

Budget

Total Budget	£60.47m
City Deal	£28m
Public	£16.35m
Private	£16.12m

Description

This programme will place Pembrokeshire at the heart of UK and global zero carbon, marine and offshore energy innovation, building on the expertise of a marine energy cluster in Pembroke Dock. Facilities will be provided for marine energy innovators to build, test and commercialise their technologies. Project features include:

- Pembroke Dock Infrastructure (PDI) improvements
- A Marine Energy Engineering Centre of Excellence (MEECE)
- Marine Energy Test Area (META) developments
- The Pembrokeshire Demonstration Zone (PDZ)

Key achievements (Overall Objective ID shown in brackets)

PDI update

Lot 1

- Continued close monitoring of projected costs due to inflation/global supply issues following COVID and the current war in Ukraine.
- Demolition of Slipway 2 complete
- 85% demotion/removal of central section complete
- Pouring of concrete slabs to form new slipway base continues
- All x10 piles for workboat pontoons installed.
- Drainage works to timber pond complete.
- Services diversions underway.
- Timberpond 85% infill complete.
- Works for extension to slipway well underway with 36 of 70 precast planks placed.
- Electrical works to T Head 95% complete.
- Demolition T head structure 90% complete
- T Head gangway/walkaways and associated items fabricated, top deck to lower stairs installed.
- Notifications underway to update stakeholders/tenants impacted by works.

Lot 2 land remediation site – contamination removed from site, levelling of site 85% complete

- New drainage and diversions 55% complete
- Pouring of new concrete slabs commenced
- Hangar Annexes: Annex 1 M & E install has progressed as well as the electrical switchover from the original switchgear internal of the building to the new GRP enclosure. 1st fix carpentry has progressed as well as a coat of paint throughout. Lobby area is prepared for lift install. Annex 2 lime render is underway, 2nd fix carpentry and ME & E progressing well with WC and kitchen installed. Annex 3 ME 7 E and 2nd fix carpentry continues at a similar pace to annex 2. Externally to annex 3 the new bin store slab has been poured, oil separator installed and tarmac starting this week. Annex 4 continues with 2nd fix throughout. The lift has been commissioned and the tarmac to the parking started this week. Air tests have been completed and passed and the electrical commissioning started.

PDZ update

- Updated Short term output and legacy plan presented to WEFO at the end of January 2023.
- ERDF Article 125 Audit completed with no issues raised.
- Project schedule, risk register, and budget is being maintained and updated on a monthly basis.
- final delivery profile via contract variation.
- Stakeholder Management Plan drafted.
- Animation, Land Agent, Technical Specialist, Pre-Feed Technical Design & Summative Assessment and Research and Development Review procurements all awarded with work all in delivery.
- Concept Design final report fully delivered. Pre-Feed delivery on schedule to complete before Jun 23.
- Discretionary Advice Service confirmed appropriateness of Environmental Survey plans and PDZ Scoping Report Submitted to NRW.
- Re-issued Offshore Survey ITT returned compliant bids, have been evaluated with standstill letters issued.
- Landowners along potentially affected routes have been provided with an initial introductory letter and land agents following up.
- Market update delivered to stakeholders.
- Future Opportunity is returning responses from FLOW developers with broader interest from non-FLOW and R&D applications.

META update

- Successfully re-deployed our Research Buoy at the Dale Roads META test site, the Intelligent Moorings system as well as the Hexigone and Grafmarine panels have been installed and will be tested for the next 4 months.
- Attendance at Future Energy Wales
- Attended networking event hosted by Falck Renewables and BlueFloat in Cardiff.
- STEM activities with EESW, Pembrokeshire College and Welsh Valleys Engineering Project
- Attendance Floating Offshore Wind, Renewables UK, 12th & 13th October in Aberdeen.
- Attendance at Internation Conference on Ocean Energy, Ocean Energy System, 18th – 20th October 2022, San Sebastian, Spain, also presented a poster.
- Attendance at Energy Industries Council – The Celtic Sea Floating into a new Era

- Completed the procurement process and issued a PO for an X-Band RADAR system which we will install in the Haven Waterway. This will be a key asset in our legacy operation, and will allow us to build expertise in short term weather window assessment for offshore operations and other novel uses for X-Band radar technology.
- Completed the procurement processes for a range of underwater noise measurement hardware and modelling software. These assets will underpin development of subsea noise expertise for MEECE going forward.
- Completed a first round of wind tunnel measurements at Swansea university as part of our Vortex Generator project, which seeks to prove that innovative vortex generators attached to wind turbine blades can improve annual energy production on large turbines by up to 5%. Future work will involve live testing on OREC's 7MW turbine at Levenmouth in Scotland.

MEECE update

- Rebecca Jeffrey presented at a Selkie Supply chain event in North Wales and advertised the MEECE program and potential future programs.
- Rebecca Jeffrey and Paul Ellsmore attended an Innovate UK hydrogen funding Matchmaking event in Manchester, with a view to helping a MEECE client company bid for follow-on funding.
- Paul Ellsmore presented at the Floventis Supply Chain event in Llanelli.
- Paul Ellsmore attended the South Wales Industrial Cluster (SWIC) launch event in Cardiff
- Marine Energy Wales Working Group, Angel Hotel, Cardiff, 25th January 2023 - Magnus Harrold attended the working group and gave an update on MEECE activities.
- The Celtic Sea Developers' Alliance, Floating Wind in the Celtic Sea, The Senedd, Cardiff, 25th January 2023 - Magnus Harrold attended this event to learn how members of the Senedd can support the floating offshore wind sector to maximise the opportunities for Wales.
- PDM partners hosted a Economic Strategy Board visit, providing an update on the 4 projects and discussing barriers to delivering similar projects in the future (various funding streams were discussed.)
- Attended the MEW Conference – participated in panel sessions, hosted a side room event, had 1:1 meeting room, shared posters and case studies.
- Paul Ellsmore attended supply chain events hosted by Blue Gem and RWE UK, and attended a visit by the Secretary of State for Wales.
- Paul Ellsmore was on the Judging Panel for DP Energy's Renewable Energy Competition, run and hosted by Pembrokeshire College
- Paul Ellsmore and Marie Kelly attended a workshop in Bristol supporting a joint bid for funding through UKRI's Place Based Impact Accelerator Account.
- MEECE supported funding bids into the North Wales Growth Deal; a major Horizon Europe call on tidal stream; and a bid into an I-UK call on hydrogen.

Key Activities planned

- PDI**
- Lot 1:
- Complete demolition of central section and complete concrete slab to 2/3rd slipway width
 - Flip BAU operations from west to new east side
 - Commence demolition of slipway 1 and construction new slab for west side
 - Complete manufacture of workboat pontoons, commence delivery to site for on land M&E fitout followed by berthing to final positions.
 - Complete demolition T Head structure and place all walkways/gantries.
 - Continue filling timber pond
 - Complete works to slipway extension
- Lot 2
- Continue levelling of site, placing of new drainage and continue concrete pour.
 - Hangar annexes
 - Completion and certification of Annex 2
 - Delivery and application on new Sto render system
 - M & E commissioning Annex 2 & 3

PDZ

- Re-profile ERDF funding phase with WEFO.
- Compliant delivery of all ERDF outputs by project closure Monitoring & Evaluation Review
- Agree Business Case Addendums with all funders and TCE in Q3 (Calendar 2023)

MEECE

- Attendance at All Energy, 10th – 11th May 2023, Scottish Event Campus, Glasgow
- Attendance at Wind Energy Science Conference, 23rd – 26th May 2023, The University of Strathclyde, Glasgow
- Attendance at Equinor supply chain event organised by OREC
- Three Roadshows, across Wales in conjunction with Sat Apps Catapult, looking for Innovation in data networks and comms for offshore wind in the Celtic Sea.
- Continued support for the Celtic Sea Supply chain Cluster Board and activities.
- Support for and attendance at Haven Waterway Future Energy Cluster Senedd Event.
- Engagement with all PDM partners on opportunities arising from the Celtic Freeport announcement, and the opening of the FLOWMIS funding call.

META

- Deployment of test samples of novel (low carbon, low weight, incorporation of waste plastics) concrete at Quay 1 site, Cardiff University. Such materials have great potential within the very large construction future for Marine Renewable Energy devices.
- Deployment of test samples of scour protection for facilities and cables etc, with the specific aim of providing opportunities for enhanced biodiversity from such protection. Exocubes, East Pickard Bay.
- Deployment of novel facility to generate hydrogen on a floating barge. ERM Dolphyn, Quayside sites (and possibly Dale Roads)
- Attendance at Ocean Business 2023, Southampton, with a view to meeting potential META clients and “horizon scanning” technological developments.

Project Title	SBCD Campuses Project	Programme / Project Lead	Clare Henson
Local Authority Lead	City and County of Swansea		
Project Delivery Lead	Swansea University	Reporting Period	Q4 2022/23
SRO	Keith Lloyd		

Budget	
Total Budget	£130.44m
City Deal	£15.00m
Public	£58.01m
Private	£57.43m
Description	
<p>The project harnesses unique capabilities and the thriving life science ecosystem in the Swansea Bay City Region to establish an international centre for innovation in life science, wellbeing and sport, supporting preventative interventions in healthcare and medicine and driving the growth of a globally significant Sports Tech industry. The project will deliver R&D, trials and testing facilities, enabling co-location of research and industry alongside clinical infrastructure and investment opportunities. An emphasis on digital and data-driven innovation at the intersection of life sciences, health, wellbeing and sport is a key differentiator for this project within the South Wales health and life sciences sector.</p>	

Key achievements
<ul style="list-style-type: none"> Continued workstream meetings held with WS1 Morryston Management Centre, WS2 Sketty Lane, WS3 Education, WS4 Enterprise and Innovation, WS7 Research, WS8 Health and well being WS9 Morrison Link Road Sketty lane engaging with stakeholder groups Continued discussions Primary Funding agreement. Amendments made regarding reasonable endeavors of phase 2 . Funding agreement going through SU governance boards, anticipated sign off end March 2023. Continued development of key business relationships and development of research and innovation collaborations WS9 – Morryston access Rd ecology surveys instructed.
Key Activities planned
<ul style="list-style-type: none"> Primary funding agreement approved. Secondary funding agreement to be drafted, reviewed and approved WS2 - Further develop building design for Sketty Lane with stakeholder engagement WS1 - Morryston Management Centre design stage to progress upon signing of secondary funding agreement WS5 - Visit by Vodafone UK senior leadership. Ongoing Tri party meetings between Ospreys, University and Council.

Project Title	Homes as Power Stations (HAPS)	Programme / Project Lead	Oonagh Gavigan
Local Authority Lead	Neath Port Talbot County Borough Council		
Project Delivery Lead	Neath Port Talbot County Borough Council	Reporting Period	Q4 2022/23
SRO	Nicola Pearce		

Budget	
Total Budget	£505.5m
City Deal	£15m
Public	£114.6m
Private	£375.9m
Description	
<p>HAPS is a regional pioneering project to facilitate the adoption of houses with energy efficient design and renewable technologies in both new build and existing housing stock in the public, RSL and private sector across the City Region. The project will support the implementation of renewable technology by facilitating collaboration across the region and creating a platform to share lessons learned. The Technical Monitoring and Evaluating contract will provide data and the ability to realise many of the projects benefits. HAPS will support a regional supply chain of proven technology to enable the wider benefits associated with the project.</p> <p>The project will:</p> <ul style="list-style-type: none"> • Facilitate the take up of renewable technologies and energy efficient design in new build and existing housing stock • Support a regional supply chain of proven technologies. • Establish an open access knowledge sharing hub to share the project findings with all sectors across the region and wider • Tackle fuel poverty • Further decarbonise the regional economy • Improve residents’ health and well-being 	

Key achievements
<p>Project Development</p> <ul style="list-style-type: none"> • Primary Funding Agreement in place (Between CCC and NPTCBC) • Inter Authority and Third Party Funding agreements in final draft • Project underwent a Peer Assessment Review (PAR) in July 22 – Amber/Red rating • Subsequent Assurance of Action Plan review (AAP) in Nov 22 – Amber rating • Staff – HAPS Technical Co-ordinator commenced role October 22. • Technical Monitoring & Evaluation contract awarded to Welsh School of Architecture (£1m). • Project Board agreed consultancy support for initial Supply Chain work, consultant appointed. (OPUS) • Pre-call notification/marketing in readiness to launching the Financial Incentives Fund • Successful in securing funding from MCS (Microgeneration Certification Scheme) to the total project value of £75k • Opus completed Supply Chain Mapping consultancy work
Key Activities planned
<p>Project Development</p> <ul style="list-style-type: none"> • Seek to re-advertise / recruit HAPS Supply Chain Lead to commence delivery of work outlined in consultancy report. • Launch Financial Incentives Fund • Continue to work closely with UK & Welsh Government to ensure the Optimised Retrofit Programme and ECO 4 Flex opportunities are maximised alongside HAPS funding. • Continue to gather information supporting Business Case Update – Economic Case. • Continue to plan stakeholder engagement and communication with support from Urban Foundry, Swansea • Continue liaison with Skills and Talent program to ensure opportunities to address skills shortages are addressed. • Continue to seek further funding opportunities to support the HAPS Benefits.

Outputs
<p>Project Outcomes</p> <ul style="list-style-type: none"> Facilitate the adoption of renewable technologies in 10,300 properties Develop a regional supply chain of HAPS related renewable technologies Technical Monitoring and Evaluation - determine the efficacy and impacts of renewable technologies on new build and existing housing stock Establish knowledge sharing hub for all sectors <p>Project Outputs</p> <ul style="list-style-type: none"> Reduction in energy use as a result of the additional technologies funded by HAPS for new build and retrofit homes, New build = £564 per home Retrofit = £758 per home by 2033 Reduction in greenhouse gas (GHG) emissions as a result of reduction in energy use, New build = £71 per home Retrofit = £99 per home by 2033

Supporting Innovation and Low Carbon Growth		Programme / Project Lead	Brett Suddell
Local Authority Lead	Neath Port Talbot County Borough Council		
Project Delivery Lead	Neath Port Talbot County Borough Council	Reporting Period	Q4 2022/23
SRO	Nicola Pearce		

Budget	
Total Budget	£58.7 m
City Deal	£47.7 m
Public	£5.5 m
Private	£5.5 m
Description	
<p>The Supporting Innovation and Low Carbon Growth (SILCG) programme has been developed to deliver sustainable growth and job creation in the Swansea Bay City Region, with a targeted focus on the Port Talbot Waterfront Enterprise Zone area. It aims to create the right environment for a decarbonised and innovative economy.</p> <p>The programme will support the green industrial revolution and will be delivered in partnership with industry, academia and government.</p> <p>The Programme of interlinked projects comprises:</p> <ul style="list-style-type: none"> Bay Technology Centre South Wales Industrial Transition from Carbon Hub (SWITCH) with Swansea University Hydrogen Stimulus Project with University of South Wales Air Quality Monitoring Project Low Emission Vehicle Charging Infrastructure Advanced Manufacturing Production Facility Property Development Fund 	

Key achievements

Project Development

- Attended 4 day Managing Successful Programmes course in February
- Presented to joint committee re SILCG
- Prepared papers for pre JC meet regarding unallocated funding for NPT
- SILCG PB met on 9th March
- Contributed to SBCD presentation for CEIC conference in March presented by Jon Burnes

Bay Technology Centre

- Further tenants signed up, three now on site occupying 11.56% of floor space, across 3 offices and one laboratory
- Continued promotion to attract tenants, Full page ad taken out in Insider Wales
- Hydrock video asked for permission to use on our NPT SILCG webpages and to show at future conference.
<https://www.hydrock.com/projects/bay-technology-centre>
- Submission made to APSE for 2023 awards under category 10- Best Climate Action or Decarbonisation initiative for the BTC will find out in May if shortlisted

SWITCH

- Tender evaluation undertaken by SU and NPT on 3 very high quality bids
- Decision reached on winning bid but have to wait until 21st April to announce following stand still period
- Letter of indemnity signed by SU and NPT indicating commitment to SWITCH building following lengthy and drawn out process over legal issues contained within the LoI.

Advanced Manufacturing Production Facility

- Meetings with Industry Wales to support pre market engagement event to develop the scope aligned to the needs of industry and engage potential operators – 4 online questionnaires developed around Powys
- Also provided supporting market info re manufacturing and skills gaps
- Meetings/visits with local centres to discuss existing provision
- Addressing skills element speaking to RLSP, Skills & Talent group – needs to be complimentary to existing provision not duplication

Property Development Fund

- Expression of Interest stage 14 applications received (heavily oversubscribed) – 13 invited through to Stage 1 formal application process
- Stage 1, 9 applications received, following 2 panel meetings 2 rejected, 2 on reserve list and 5 to be invited to Stage 2 (subject to minor clarifications)
- If all stage 1 submit stage 2 applications and are approved then only £13K over £4.5M budget, exceeded number of target categories
- Full report and final stage 2 approval by SILCG PB at next meeting

Hydrogen Stimulus Project

- Funding Agreement being reviewed by University of South Wales
- Since 1st December activity has been around site clearance and preparation for electrical and mechanical provision for the project. We are also looking at site security/ public protection and will be looking to enhance fencing shortly.
- Working with Protium Green Solutions on the installation of a 100kW electrolyser on site, which is now in the commissioning phase (additional green H2 available from start of project)
- During the quarter we have been awarded funds via the Welsh Govt HyBRID SBRI for a further project (attract additional funding part of H2 project)
- Further proposals for funding in the Hydrogen Space are currently being made via EPSRC Centre for Doctoral Training and Place Based Innovation Acceleration Account rounds

Air Quality Monitoring Project

- As part of the ongoing study, an update on the sensor network supplied by Ricardo has revealed an issue with five gaseous sensors. The conversion of raw sensor voltage to PPM has resulted in an unusual calculation. The data team at Vortex is currently investigating this.
- The detection of potential faults in several other gaseous sensors has been noted, but a physical inspection is needed to validate the issue. One PM sensor identified by NPT has been confirmed as needing to be replaced.
- 12 sensors have been collected following a period of co-location at Margam's Automatic Urban and Rural Network (AURN) site. These are currently on test rig awaiting their redeployment.
- Vortex is planning a maintenance day to tend to the sensors with known faults and data issues.
- Vortex monitors currently being considered for use in PM10 exceedance day source apportionment exercises, and to support investigations into other high concentrations of common pollutants.
- Ricardo are to continue QA/QC of the network and their Year 1 summary will be made available following the ratification of data.
- With support from Ricardo, the Vortex data is to be used alongside Port Talbot's other monitoring sites in PM10 breach day reports, to ascertain trends and source apportionment and at a local level.

Low Emission Vehicle Charging Infrastructure

- January 2023 main focus was the continued development of the Neath Port Talbot Zero Emission Vehicle Infrastructure Strategy (NPTZEVIS).
- NPT ZEVI sets out our vision for EV charging in NPT and the enabling role NPT holds by working in collaboration with regional partners, commercial partners, communities and businesses within the NPT area.
- Contributing to stakeholder engagement workshop with BBNP Authority on their Net Zero Sustainable Transport Strategy and Action Plan
- Attending Swansea Bay Sustainable Travel Planning Meeting
- Attending the Western Gateway Hydrogen Working Group
- Attending an NPT Salary Sacrifice ULEV scheme workgroup
- Arranging a site visit to ClenergyEV HQ in Pencoed
- engaging with WG / TfW for guidance on an On-street Residential Chargepoint Scheme ORCS funding bid
- engaging with WG/TfW for guidance on Local Transport Fund rapid charging hub bid
- engaging with WG/TfW for guidance on compliant methodology for market research and cost estimation.
- Configuring a Rolec VendElectric back office system for the 5 x Rolec EV chargers at the Swansea Bay Technology Centre
- Trouble shooting non-functional EV chargers at Afan Forest Park Visitor Centre
- Contributing to regional ULEV Depot and Hydrogen Study led at NPT by Amanda Phillips
- Enter dialogue with GreenFleet UK with regard to hosting the Welsh GreenFleet round table event at NPT

Key Activities planned next Quarter

Project Development

- Given outcomes from JC and PB around unallocated funding, an OBC will be prepared around the new enhanced AMPF project
- SILCG Programme business case to be updated

Bay Technology Centre

- Organise official opening of the BTC with SoS for Wales and WG ministers in attendance
- Secure additional tenants
- Await outcome of the APSE shortlisting for 2023 awards
- Set up an RD&I meeting at BTC to support spinouts and start ups utilising existing tenants telling their story/journey
- Host ESB meeting on opening day

SWITCH

- Stand still period expires after midnight on 21/04 at which point the successful contractor will be made public
- Arrange a kick off meeting with contractor to discuss project
- Arrange a kick off meeting with contractor, NPT and SU to discuss design aspects of the SWITCH building
- Set up regular meetings with contractor over next 12 months design period

Advanced Manufacturing Production Facility

- Adapt questionnaires and send out end April to Industry/businesses, FE, HE, Schools, followed up by face-to-face event to discuss outcomes with interested parties
- Workshop organised for 4th May chaired by Industry Wales to discuss AMPF
- Meet with prospective operators to discuss AMPF
- Meet WG to discuss land issues

Property Development Fund

- Stage 1 applicants will be notified of the outcome of the review process
- Those invited to stage 2 will have face-to-face meeting with NPT to discuss requirements for stage 2 and establish if they still intend to submit to stage 2
- Deadline of 16/04 set for stage 2 responses to be submitted by (at the very latest)

Hydrogen Stimulus Project

- Funding agreement between NPT and USW to be signed off
- Continued commissioning of the electrolyser on site

Air Quality Monitoring Project

- Vortex is implementing a fix for the gaseous data identified as being flat, after one of the inputs to the calibration model was found to be out of tolerance. A general maintenance day has also been planned to tend to any faulty units.
- Vortex monitors have been recommended by Ricardo for use in PM10 exceedance day source apportionment exercises, and to support investigations into other high concentrations of common pollutants.
- Ricardo are to continue QA/QC of the network and their Year 1 summary will be made available following the ratification of data.
- Continued data gathering

Low Emission Vehicle Charging Infrastructure

- Nigel to arrange meeting with regional partners to understand regional EV/ZEV Infrastructure activity
- Undertake an internal mapping exercise across all departments to understand all EV/ ZEV infrastructure related activity ensuring co-ordination etc.

Outputs

Project component	Expected Outputs
Technology Centre	Construction of an energy positive hybrid commercial building (2500 m2) completed
SWITCH	Specialised open access facility created to enhance applied research for steel & metals industry (4000 m2)
	Provision of specialised equipment to enhance research for steel & metals industry
Hydrogen Stimulus Project	Increase the capacity for hydrogen production at the Hydrogen Centre at Baglan Energy Park
Air Quality Monitoring Project	Procurement & installation of 70 sensors in and around the Port Talbot Air Quality Management Area (AQMA)
LEV Charging Infrastructure	Regional strategy for LEV charging
Advanced Manufacturing Production Facility	Specialist hybrid facility providing a range of industrial / production units with pilot line and office space. (4000 m2)
	Provision of open access specialist equipment advised by industry with academia input
Property Development Fund	Property Development Fund targeted on the Port Talbot Waterfront Enterprise Zone (expected premises created 6000 m2)

Project Title	Pentre Awel	Programme / Project Lead	Sharon Burford
Local Authority Lead	Carmarthenshire County Council		
Project Delivery Lead	Carmarthenshire County Council	Reporting Period	Q2 2022/23
SRO	Chris Moore		

Budget	
Total Budget	£199.19m
City Deal	£40m
Public	£51
Private	£108.19
Description	
<p>Proposed for an 83-acre site at Delta Lakes in Llanelli, Pentre Awel will be the first development of its kind in Wales. The project will include the co-location of academic, public, business and health facilities to boost employment, education, leisure provision, health research and delivery, and skills and training.</p> <p>City Deal will provide the requisite investment for business incubation and acceleration facilities, laboratory space, testbed capabilities, a well-being skills centre, clinical research centre and a clinical delivery centre to deliver multi-disciplinary care closer to home. The design for Zone 1 will create an ‘ecosystem’ by facilitating joint working across traditional boundaries, integrating education and training programmes within a clinical setting and fostering interface between health and leisure for the benefit of population health.</p> <p>Pentre Awel will include state-of-the-art leisure centre funded by Carmarthenshire County Council.</p> <p>A network of integrated care and rehabilitation facilities will also be provided on site to enable the testing and piloting of life science technologies aimed at enhancing independent and assisted living.</p> <p>Assisted living accommodation will also feature, along with a nursing home, expansion space for businesses, elements of both open market and social and affordable housing, and a hotel.</p>	

Key achievements in Q4 2022/23
<p>Project development</p> <p>Zone 1 construction update:</p> <p>A comprehensive pre-construction programme was completed in January 2023. Following approval at CCC Cabinet and Full Council, CCC and BYUK entered into a NEC3 construction contract in February 2023. Works commenced onsite 6th February 2023 with an 89 week construction programme agreed. Accordingly, full completion is targeted for October 2024 with sectional completion of some educational facilities in September 2024.</p> <ul style="list-style-type: none"> • A groundbreaking event was held onsite 6th March 2023 attended by David TC Davies MP, Secretary of State for Wales, local and Cabinet members and project stakeholders • Meet the Contractor event held for local residents at Morfa Social Club on 29th March 2023 with interest expressed in the training opportunities at Pentre Awel • BYUK deliverables for TR&T now formalised within the construction contract - a minimum of 4,680 person weeks will be delivered. There will be with regular reporting of activity and outcomes via the SWWRCF, WG Toolkit and Social Value Portal • During the pre-construction stage Bouygues has delivered 1000+ pupil interactions, 30 hours of STEM engagement and welcomed 350 pupils to its Believe Academy <p>Project Update:</p> <ul style="list-style-type: none"> • Whole-site operational group established with a subgroup specifically looking at facilities management. Along with Construction Board, this will report to CCC Steering Group

- Welsh Language Action Plan and Impact Assessment has been developed outlining opportunities to use and promote Welsh across all elements of Pentre Awel – leisure, business, education, assisted living, communications and procurement. Plan submitted to Welsh Language Strategic Forum
- First draft of EST mapping exercise completed in partnership with RLSP Skills & Talent – using the baseline of current course information to identify gaps in skills and consequent mapping against opening and steady state operation.
- Shared Prosperity Fund (SPF) bid submitted with the aim of securing pump-priming resource for business and innovation at Pentre Awel
- Confirmation received of £1.2m from PNC Bank (JC Williams Trust) for hydrotherapy pool funding
- Appraisal of a longlist of outdoor projects and activities that could be delivered at Pentre Awel
- Lease agreements for Zone 1 in progress
- Business case under development with UWTSD
- Pentre Awel brand guidelines updated – 1) Pentre Awel logo now refers to Llanelli, Carmarthenshire and Wales following feedback from local businesses; 2) two-stage brand promotion strategy adopted

Key Activities planned Q1 2023/24

- Development and finalisation of Zone 1 design
- Issue 3 of Community Newsletter to be issued April 2023
- Hold a monthly Employment Hub onsite for candidates interested in current and future TR&T opportunities at Pentre Awel. The first Hub is scheduled April 2023 at Llanelli Job Centre whilst the site accommodation is erected
- Sign tenancy agreements with Hywel Dda UHB and Swansea University for their areas within the Zone 1 building
- Integrated Regional Care Fund (IRCF) application to be submitted to cover Hydrotherapy and Audiology, and fit out of research areas
- Mapping of ‘integration’ opportunities across health, leisure, education, research and business
- Present catering report to project Steering Group to confirm preferred operating model
- Education, Skills and Training leads to meet with FE and HE providers
- Complete research and innovation pathway detailing entry and referral points to optimise development opportunities.
- Further define whole site operating model. This describes the operating context for Pentre Awel and maps within the Authority structure
- Confirm the details business case for all Teach and Treat options.
- Complete RIBA Stage 2 design for zone 3 assisted living
- Progress scoping/modelling work for Zone 2.

Outputs

Output measurement will commence during the construction phase linked to the Community Benefits. Framework developed to ensure appropriate opportunities are maximised, the outputs will be managed by a multidisciplinary workstream which will link both with the construction management team and with the overall project management process.

Project Title	Digital Infrastructure Programme	Programme / Project Lead	Gareth Jones
Local Authority Lead	Carmarthenshire County Council		
Project Delivery Lead	Carmarthenshire County Council	Reporting Period	Q4 2022/23
SRO	Jason Jones		

Budget	
Total Budget	£55m
City Deal	£25m
Public	£13.5m
Private	£16.5m
Description	
<p>To significantly improve digital connectivity throughout the City Region for the benefit of businesses and residents, also helping to attract inward investment. The project is made of up of three Project workstreams:</p> <ul style="list-style-type: none"> • Connected Places • Rural connectivity • Next generation wireless (5G and IOT networks) 	

Key achievements
<ul style="list-style-type: none"> • Completed benefits realisation for 2021/22 which confirms significant public and private investment in the region which contributes to Digital Infrastructure Programme objectives. • Completed data analysis and stakeholder and market engagement as part of pause and review for connected places hub site procurement to ensure planned intervention continues to align to programme spending objectives and meets the needs of our partners • Established model and methodology for ongoing benefits realisation for the programme. • Developed programme overview video highlighting the ambitions of the programme. • Recruited co-ordinator to central DI Team. • Scoped opportunities for regional duct and dark fibre investment. • Identified opportunities for 5G investment and initiated discussions with key partners. • Established plans and timescales for significant Shared Rural Network (SRN) investment across the region working with UK and Welsh Government. • Supporting Local Authorities with ongoing Digital Infrastructure interventions and investment. • Market engagement with operators and suppliers ongoing. • Additional lobbying for, facilitating, and supporting of private sector investment.

Key Activities planned
<ul style="list-style-type: none"> • Complete recruitment of local resources and central Business Engagement & Communications officer to support delivery of programme. • Signatory of collaboration agreements between LA partners. • Update website and launch overview highlight video. • Launch Digital Portfolio of Opportunities pending Board approval • Arrange and conduct Gateway review • Supporting Local Authorities with ongoing Digital Infrastructure interventions and investment. • Programme risk mitigation ongoing. • Market engagement with operators and suppliers ongoing. • Additional lobbying for, facilitating, and supporting of private sector investment. • Hold launch event for Regional Digital Innovation Network in partnership with regional partners and Welsh Government • Conclude pause and review of connected places hub site procurement • Run rural pathfinder project utilising Welsh Government Local Broadband Fund. • Confirm plans for UK Government Project Gigabit investment in the region and identify preferred way forward to meet remaining needs across the region. • Confirm funding for initial 5G project(s) in collaboration with regional partners.

Outputs
<ul style="list-style-type: none"> - More public sector assets with gigabit capable FFTP connections - Increased, future proofed DUCT / asset infrastructure - Regional Innovation Network established - 5G Testbed(s) deployed - More mobile infrastructure - Community based interventions delivered

Project Title	Swansea City & Waterfront Digital District	Programme / Project Lead	Huw Mowbray
Local Authority Lead	Swansea Council		
Project Delivery Lead	Swansea Council	Reporting Period	Q4 2022/23
SRO	Martin Nicholls		

Budget	
Total Budget	£175.35m
City Deal	£50m
Public	£85.38m
Private	£39.97m
Description	
<ul style="list-style-type: none"> • To boost Swansea city centre’s economic well-being at the heart of the City Region’s economy, while retaining local tech, digital and entrepreneurial talent. This project includes: • A digitally enabled indoor arena in the city centre for concerts, exhibitions, conferences and other events • A ‘digital village’ development in the city centre to accommodate the city’s growing tech and digital business sector • Innovation Matrix development at the University of Wales Trinity Saint David’s new Swansea waterfront campus to enable start-up company support and growth 	

Key achievements
<p>Digital Arena</p> <ul style="list-style-type: none"> • Arena has hit 12 months anniversary of opening with over 240,000 visitors attending since opening. SC project team continuing with final snagging works. • Hotel: Progressing funding requirements with approval from WG to apply for Transforming Towns loan to bridge gap funding. In discussions with Visit Wales for a potential grant to complete the financial package. Design plans progressing well and HoT’s with preferred developer are being finalised. <p>71/72 Kingsway:</p> <ul style="list-style-type: none"> • Construction continuing onsite with groundworks now complete. The Contractor has updated the programme which now shows a completion date of end January 2024. The delay to the works is attributed to the basement waterproofing, obstructions in the ground and works to the existing basement retaining walls. • Ongoing discussions regarding the claims made by BYUK relating to the groundworks, basements walls and waterproofing. • Digital and data specialist knowledge is being utilised to facilitate the Digital infrastructure. <p>Commercials</p> <ul style="list-style-type: none"> • Flex tenant HoT’s advanced/final location in building agreed. • In process of appointing Letting, Marketing and Branding agents. • Management Strategy - planned Building Management Strategy/Service Charge in progress.

Key Activities planned
<p>Arena</p> <ul style="list-style-type: none"> Progress Hotel delivery options. Considering updating the economic benefit analysis. <p>71/72 Kingsway</p> <ul style="list-style-type: none"> Construction continues on programme. Further detailed letting/operator discussions continue for 71/72 The Kingsway Digital connectivity currently being explored.

Outputs
<p>Physical delivery of arena (circa 80,000 square feet with a 3,500-capacity), along with digital square is on track.</p> <p>Physical delivery of 71/72 The Kingsway, which will comprise circa 115,000 square feet of office space.</p> <p>Discussions on-going with UWTSO about their element of the project (Innovation Precinct).</p> <p>Caveat: Covid 19 could have an impact on jobs and GVA.</p>

Project Title	Yr Egin - Creative Digital Cluster	Programme / Project Lead	Geraint Flowers
Local Authority Lead	Carmarthenshire County Council		
Project Delivery Lead	University of Wales Trinity Saint David	Reporting Period	Q4 2022/23
SRO	Prof. Medwin Hughes (Vice Chancellor)		

Budget	
Total Budget	£25.17m
City Deal	£5m
Public	£18.67m
Private	£1.5m
Description	
<p>To support and further develop the region’s creative industry sector and Welsh language culture, led by University of Wales Trinity Saint David campus in Carmarthen. Phase 1 was completed in September 2018 and features:</p> <ul style="list-style-type: none"> National creative sector anchor tenants World class office space for local and regional creative sector SMEs, with opportunities for expansion Facilities for the community and business networking <p>Facilitating engagement between businesses and students as well as accommodating dynamic growth of the creative and digital industries within Carmarthenshire and SW Wales.</p>	

Key achievements
<p>Project Development</p> <ul style="list-style-type: none"> University internal team has met and is in the process of developing a new delivery strategy for Egin Phase 2 Egin Phase 2 envisioned to be a follow on space for Egin Phase 2, located within the University campus, that will provide key cutting edge facilities and equipment. University has engaged expert consultants to develop a proposal centred around the provision of a Digital Production Facility in existing University space.

Key Activities planned	
<ul style="list-style-type: none"> University continues to refine scope to accommodate new requirements from industry. Project team has now undertaken Change Identification Notice process to formalise changes to the Egin Phase 2 project and is working in conjunction with PoMo to develop new scheme. University is working with external consultants to fully develop the Digital Production Facility proposal along with revised budget and accompanying demand analysis. Expected delivery methodology to likely change to preserve BCR due to inflationary pressures 	

Project Title	Skills and Talent	Programme / Project Lead	
Local Authority Lead	Carmarthenshire County Council		Samantha Cutlan
Project Delivery Lead	South West Wales Regional & Skills Partnership	Reporting Period	Q4 2022/23
SRO	Barry Liles		

Budget	
Total Budget	£30m
City Deal	£10m
Public	£16m
Private	£4m
Description	
<p>To develop a sustainable pipeline of regional talent to benefit from the high-value jobs City Deal projects will generate in growth sectors for the region. This includes the potential to develop skills through courses and training and apprenticeship opportunities aligned to City Deal projects and regional priorities, as well as a partnership approach involving schools, universities, businesses and training providers across the region to identify need and resolve skills development gaps.</p>	

Key achievements	
<p>Business Case Development</p> <ul style="list-style-type: none"> 9 Pilot project applications have now been approved by RLSP board. Gateway Review completed resulting in a 2nd Green Rating. Barometer Reviewed and Updated. Development of Website. Swansea Bay City Deal Skills Sub Group set up. 	
Key Activities planned	
<ul style="list-style-type: none"> Receive and review further pilot project applications. Website update being completed with a view of increased marketing activity and website updates to raise awareness of Programme and stimulate further pilot applications. Claims process set up, and first claim cycle completed, with second about to commence. Ongoing discussions with interested parties regarding further pilot project development. 	

Outputs

- Create 14,000 individuals with increased level of skills within 10 years
- Create at least 3000 new apprenticeship opportunities, to include level 3 to Degree apprenticeships.
- Create Centre of Excellence for specific sectors.
- 2,200 additional skills
- 20 new course frameworks updated/created
- 2 Centres of excellence
- Create a clear career pathway through school, FE, HE and apprenticeship and into the world of work.

ANNEX 1

<i>RAG Status</i>	
R	<p><i>Major problems identified which mean the programme / project is unlikely to deliver the agreed scope to the required standard on time or on budget, or to deliver the expected benefits.</i></p> <p><i>Remedial plans are not proving effective.</i></p> <p>Escalate to programme / project sponsor for support to resolve.</p>
A	<p><i>Some problems identified which may put the programme / project's scope, time, cost, and/or benefits at risk. Remedial plans are in place and are being monitored to ensure that risk is mitigated.</i></p> <p>Highlight to programme / project sponsor for visibility and awareness.</p>
G	<p><i>Programme / Project is proceeding according to plan. Risks/issues are being managed within the programme / project.</i></p> <p>No need to escalate to next level.</p>