

Swansea Bay City Deal Portfolio Quarterly Monitoring Report (July - September 2023)

Appendix B

Programme / Project Scorecard							
Prog / Proj	Status Update	Delivery	Scope	Staffing Resource	Finance	Stakeholder Engagement	Overall (change)
Digital Infrastructure	<p>Programme remains on target to deliver objectives. PSBA FFIB order has been submitted and is now in delivery, whilst Dark Fibre network design details have been finalised with each partner, pending issue of ITT w/c 30th October. Gigabit voucher schemes have re-opened for a short window until December with BDUK providing Go List which outlines eligible communities – local teams are reviewing to identify possible voucher schemes. 5G Investment Fund for use cases and trials paperwork completed, pending approval of fund Terms and Conditions by programme board; subsidy scheme has been published, awaiting completion of mandatory 30-day challenge period. All local staff resources now recruited, including central communications and engagement officer. Stakeholders in UK and Welsh Governments continue to be fully engaged, working closely with the Programme, ensuring alignment of national and regional connectivity projects, notably Project Gigabit. NROMR and Project Gigabit intervention areas are being reviewed pending receipt from BDUK.</p> <p>Gateway Review 0 to be completed in October 2023.</p> <p>Stakeholder engagement reduced to green – central and local teams in continuous dialogue with UK and Welsh Governments; and key national and regional private sector partners, including leading telecoms providers. Central team in regular contact with other growth deals to share best practice/lessons learned/challenges, and appointment of central communications and engagement officer will further support and increase stakeholder engagement activity.</p>						
Pembroke Dock Marine	<p>PAR review completed in Sept / Oct 23, which concluded PDM is mostly green with some Amber (focusing on Outcome and Impact related benefit realisation)</p>		↓	↓	↓	↓	↓
Pentre Awel	<p>Delivery - Remains Green. Works being delivered and managed in accordance with the NEC3 Construction Contract. Formal works commenced on 6th February 2023 and are progressing to programme - significant belowground works completed (which traditionally brings a higher level of risk) with key pre-commencement planning conditions discharged enabling the start of aboveground activities. Finance – remains Green as forecasted construction cost remains in tolerance with the contract sum agreed with Bouygues UK and prior approval at Full Council.. Lease agreements with proposed tenants for Zone 1 are progressing. Swansea University has signed an agreement to lease for its demise. Risks relating to build costs, inflation and materials are being managed by Bouygues and Gleeds.</p>						↔
Yr Egin	<p>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 meet industry requirements post-COVID. Project team moving forward with Change Notice for Egin Phase 2</p>						↔
Campuses	<p>Delays with the funding agreement have started to affect the timeline of the project. Upon signing of funding agreements a change notification will be submitted to reprofile timelines of outputs. 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 red due to funding agreement not being signed. The principles of the primary funding agreement between Swansea Council and Swansea University have been agreed and an agreement has been issued for signature. The secondary funding agreement between Swansea University and SBUHB has been issued to SBUHB and is being progressed.</p>						↔
Homes As Power Stations	<p>HAPS financial incentives Fund went live for applications, initial applications currently being scored. Supply Chain Lead now in post, scoping of the Supply Chain funding criteria, aligned to the project objectives has commenced. Inter Authority Legal Agreement now finalised. NPTCBC has secured SPF Funding to create a Demo HAPS house to further engage with stakeholders.</p>						↔
Supporting Innovation & Low Carbon Growth	<p>Multiple projects in delivery namely SWITCH, AQMP, LEV, PDF, H2 stimulus projects. There are BTC 5 tenants with active pipeline of enquiries. Morgan Sindall appointed for the design and build of the SWITCH Harbourside facility with monthly design meetings ongoing starting in May 23. Enhanced AMPF project is going through an OBC process in consultation with stakeholders. SILCG Programme Board meets quarterly. Delivery Amber due to pandemic and knock on delays to some projects. Lessons learned from BTC construction is informing future projects such as SWITCH. PDF stage 2 process underway. LEV strategy under development. AQMP project recruiting new data analyst.</p>						↔

	Quarterly Monitoring Report				
Skills & Talent	14 Pilot projects already approved and moved/moving into delivery. Further project development in discussions.				↔
Swansea City & Waterfront Digital District	71-72 Kingsway construction continuing at pace. Innovation Matrix has begun onsite. Arena Hotel funding discussions progressing well. Discussions ongoing between Swansea Council & UWTSB about the delivery of the Innovation Precinct. Trinity projects - funding on amber				↔

Title	Portfolio Management Office (Communications & Marketing)	Reporting Period	Q2 2023/24
Officer	Heidi Harries (SBCD Communications & Marketing Officer)		

Key achievements

- 55 positive mentions in local, regional, national and specialist media. Previous quarter was 53 therefore up by 2 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: Figures show success of first year of Swansea Arena, Community invited to see inside Annexes at Pembroke Port, First steel structure in the ground in Pentre Awel, Morgan Sindall win SWITCH facility contract, More than 200 contracts awarded to Welsh firms, Kingsway development taking shape and Bouygues support apprenticeships through Cyfle.
- Twitter posts - From 1st July to 30th September: Number of followers is 1,568. Post impressions is 2,947 (reach figures were previously show but no longer available on the new platform use).
- Facebook posts - From 1st July to 30th September: Number of followers is 1043. Post impressions is 8,487 (reach figures were previously show but no longer available on the new platform use).
- Publish the SBCD Annual Report 2022 -2023 following approval by Joint Committee.
- Planned and held the Pembrokeshire Meet the City Deal event with around 100 people attending.
- Completed the City Deal leaflet and promotional merchandise.
- Represented the City Deal in the Swansea and Neath Port Talbot Careers Wales Event, The Welsh Business Show and The Welsh Construction Show.
- Annual Marketing budget planning and forecasting.
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Key Activities planned

- Coordinate and attend the Carmarthenshire Meet the City Deal event (Monday 27th November).
- Plan the Neath Port Talbot and Swansea Meet the City Deal events.
- Attend Yr Egin 5 Year Anniversary Event, Introbiz, Pembrokeshire Careers Event, Green Economy Conference,
- Update the Marketing and Communications Plan.
- Press releases on upcoming activities.
- Write brief for the website update/procurement of new website.
- Complete the new City Deal branding and slogan.
- Continued updates on the website and social media.

Title	Portfolio Management Office (Business Engagement)	Reporting Period	Q2 2023/24
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:

- Supporting Pentre Awel at the community benefits steering group
- Supporting SILCG at the opening of the Bay Technology Centre
- Supporting Skills and Talent Initiative at the RLSP Summer conference
- Coordinated third PL's Construction Sub group meeting with Robert Mills – Respiratory Innovation Wales presenting
- Supporting Campuses at Swansea University Sports Showcase event
- Portfolio Gateway Review Interview

Events - Events supported include:

- Attendance at CEIC Summer conference 4th July
- Welsh Business Show 5th July
- Regular planning meetings and arrangements the Meet the SBCD Pembrokeshire, 20th July BIC Pembroke Dock

Business Engagement - 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.
- 4theRegion, planning Green Conference
- Cwmpass, planning future event.
- Gareth Brown CCR, follow up from CEIC event
- Noel Powell, SSE contact from UKREiiF introduced to Pentre Awel
- Lewis D’Ambra, Spaceforge, introduction to regional contacts
- Careers Wales re ongoing support
- Joy Browning SBRI

Support stakeholder groups

- 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
- Paul Relf – Swansea Council re SPF and other regional funding programmes

Economic Strategy Board - This quarter focussed on:

- Coordinated ESB meeting with SILCG for EAMPF business case test and challenge.

Other Activity:

- Participation in OECD workshop
- Planning further regional showcase events – with Carmarthenshire in November
- Updating Portfolio events plan
- Attended WRAP Cymru Procurement event
- Attended BCIS Construction Costs Webinar

Ongoing Activity

- Ongoing development of SBCD website
- Continued monitoring of construction costs and associated reporting.
- Revision of Comms, Marketing and Engagement Plan
- 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

- Promote SBCD at events WBS/WBC Swansea
- Support Careers Wales at 2-day event in Swansea and one day event in Carmarthen
- Promote SBCD at Introbiz Swansea
- Continue to engage and support stakeholders, programmes and projects, businesses, and ESB Board
- Continue planning for regional showcase events
- Support Comms & Marketing officer in promotion of SBCD
- Begin planning event calendar for 2024

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	Q2 2023/24
SRO	Rachel Moxey		

Budget	
Total Budget	£60.47m
City Deal	£28m

Public	£16.35m
Private	£16.12m

Description	
<p>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:</p> <ul style="list-style-type: none"> • 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)

<p>PDI update</p> <p>Slipway/workboat pontoons</p> <ul style="list-style-type: none"> • 100% demolition/removal of existing slipways central section complete • 100% of concrete slabs to form new slipway base complete • Services diversions complete. • Works for additional extension to slipway complete. • Demolition T head structure 100% complete • T Head gangway/walkaways and associated items installed and operational. • 5 x workboat pontoons berthed into final positions. • Pre check of O&M/handover documentation format is underway with Consultants/Contractor <p>Laydown areas</p> <ul style="list-style-type: none"> • Pickling pond 100% infill complete. • Service diversions, installation of new drainage and placing of hardcore are ongoing with approx. 75% of new concrete slabs poured to date. <p>PDZ update</p> <ul style="list-style-type: none"> • Rational for broadening the scope of the PDZ lease to include FLOW and Green Hydrogen Applications has been submitted to The Crown Estate. • Stakeholder Summery Paper, Animation and Concept Engineering Study looking at the cost benefit of co-ordinating the grid connection activity between the four Test and Demonstration FLOW projects are now publicly available on CSP’s website. https://celticseapower.co.uk/pembrokeshire-demonstration-zone/ • Final WEFO Claim has passed through Monitoring and Verification Check without any issues of penalties highlighted. Total Eligible ERDF Expenditure sits at £1.265m. • Two further Future Opportunity Memorandum’s of Understanding have been entered into with Private Sector Organisations with interest in developing within and investing in the PDZ (Both also subject to NDA). • CSP Infrastructure Team presented PDM at Planning for Infrastructure Wales Conference and attended Global Offshore Wind in Aberdeen in October. <p>META update</p> <ul style="list-style-type: none"> • Ongoing deployments: Concrete trials at Quay 1, Settlement lines at Dale Roads and Exocubes at East Pickard Bay • Wave data collection ongoing at Criterion Jetty in preparation for ERM dolphin trials • Schools project launched https://www.pembrokeshirecoastalforum.org.uk/future-energy-industry-pembrokeshire/ • Staff attending IWaTers in Orkney <p>MEECE update</p>
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- Final WEFO claim has passed MVT with no major issues.
- Bid into Tidal Lagoon challenge has been submitted, at EoI stage.
- Delivery of a project funded through Crown Estate Scotland has been completed, final report at draft stage.
- Engagement with consultants working on Celtic Freeport bid on innovation programme
- Engagement with team working on Anglesey Freeport bid.
- Exhibited as Celtic Sea Cluster at rUK Floating Offshore Wind in Aberdeen
- Attended webinar on UKRI call “Accelerating the Green Economy Centres”

Key Activities planned

PDI

- Handover full slipway to Operations
- Complete M&E final connections to all pontoons and test
- Handover workboat pontoons to Operations
- Complete final levelling of timber pond
- Complete agreed snagging list
- Demobilise site

PDZ

- Reach in principle decision with the Crown Estate over the boarding of the PDZ lease area.
- Presenting on Skills (Day 1) and Chairing the Grid Session on Day 2 @ Future Energy Wales
- Attending ESO’s Holistic Network Design engagement session on the 28th November.

META

- MEW conference launched, 13 & 14 March 2024, Swansea
- Forthcoming events -
- IWaters workshop, Orkney
- Ocean Energy Europe, The Hague
- Further SBCD showcase events

MEECE

- Plans for at least one bid into the UKRI call “**Accelerating the Green Economy Centres**”
- Exploring the potential to create a tidal lagoon turbine test site in South Wales.
- Organising a workshop in Bristol with stakeholders for “**Accelerating the Green Economy Centres**”
- Exhibiting at Future Energy Wales in November in ICC
- Attending and exhibiting at Wales Tech Week, October, ICC
- Preparing several bids into SMART FIS funding

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	Q2 2023/24
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, Singleton Phase 2 Sketty lane engaging with stakeholder groups Continued discussions held Primary Funding agreement. Secondary funding agreement issued to SBUHB and is being progressed Continued development of key business relationships and development of research and innovation collaborations Success Sports Showcase event held on 18th September 5 G Vodaphone Application submitted to SBCD digital infrastructure project. Health Needs assessment report lead by health practitioner finalised, Skills Sport Health and Well being application submitted to SBCD skills and talent project Tenant and Affiliate review on existing ILS infrastructure completed. Outputs to feed operation of ILS Sketty lane.
Key Activities planned
<ul style="list-style-type: none"> Primary funding agreement signed Secondary funding agreement to be reviewed, approved and signed in parallel with primary agreement WS2 - Stakeholder option presentation; Complete Value engineering on Sketty Lane and Progress with Stage 3 design, BREEAM review. Vodaphone visit to Swansea University. Health Needs Assessment workshop with academics date t.b.c 5G Vodaphone workshop 8th November Stakeholder workshop 2nd November

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	Q2 2023/24
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 project 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"> • OPUS BS have completed the initial supply chain mapping exercise. Simon Griffiths from OPUS presented findings and recommendations to Project Board. • Additional round of Supply Chain Lead interviews were held, successful post holder due to commence 17th July 2023. • FIF application forms, guidance, and scoring criteria complete with stakeholder, WSOA and legal department input. • Scoring panel/Technical Advisory Panel member list for the Financial Incentives Fund was approved by Project Board • Comms and Marketing Plan commissioned and created by Urban Foundry which was presented to Project Board. • Ongoing engagement with stakeholders to raise awareness of Financial Incentives Fund. • FIF ‘landing page’ created on SBCD website to provide supplementary information for potential applicants. • Technical Monitoring and Evaluation planning meetings held with Cardiff University Welsh School of Architecture to ensure collaboration with existing work and current opportunities. • Subsidy Scheme finalised ready for uploading onto the WG Transparency Database. • Secured £75k of funding from MCS to enable foundational work to be undertaken with schools and colleges, this is aligned to the skills strand of the project. • Secured £250k Shared Prosperity Funding to create a HAPS Demo House in NPTCBC • Launched first call for applications to the HAPS Financial Incentives Fund. • Event with SO Modular in Neath has taken place, highlighting Modern Methods of Construction, using Welsh Wood – a supply chain within the region.
Key Activities planned

Project Development

- Working with NPT Legal Team, finalise the second tier Financial Agreement to enable funding awards to be made across the region.
- Finalise scoring of first round of applications to the Financial Incentives Fund.
- Continue with evidence gathering to support the scoping process for the HAPS Supply Chain 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 plan stakeholder engagement and communication to ensure best practice is shared. Next event is planned for end of November 23.
- 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.
- Continue attending relevant networking events to highlight HAPS and strengthen the information available

Outputs

Project Outcomes

- Facilitate the adoption of renewable technologies in 10,300 properties (7,000 retrofits and 3,300 new builds)
- 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

Project Outputs

- 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		
Local Authority Lead	Neath Port Talbot County Borough Council	Programme / Project Lead	Brett Suddell
Project Delivery Lead	Neath Port Talbot County Borough Council	Reporting Period	Q2 2023/24
SRO	Nicola Pearce		

Budget	
Total Budget	£58.7 m
City Deal	£47.7 m
Public	£5.5 m
Private	£5.5 m
Description	

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.

The programme will support the green industrial revolution and will be delivered in partnership with industry, academia and government.

The Programme of interlinked projects comprises:

- 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, including an enhancement to the BC for a training centre of excellence
- Property Development Fund

Key achievements

Project Development

- In relation to the outcome from JC and PB regarding the £5.3m of unallocated funding, an OBC has been prepared to build on the enhanced AMPF project incorporating a National Net Zero Skills Centre of Excellence (NNZSCoE), as of 17th October the NNZSCoE OBC has been endorsed by SILCG Programme Board, SBCD Economic Strategy Board and will now be reviewed by SBCD PB and JC at their next meetings in October and November respectively. Meetings with UK and Welsh Governments will be arranged to also seek their approval for moving forward.
- Outcome of the £5M EPSRC Grant application under the Place Based Innovation Accelerator Account funding call was successful. This involves Cardiff University and University of South Wales plus NPT and Welsh Government around "SWITCH to Net Zero Buildings". <https://www.ukri.org/news/41-million-to-enhance-uk-research-and-innovation-clusters/>
- Attended SBCD Monitoring and Evaluation Sub Group
- SILCG presented at the APSE Energy conference on 5th September
- Attended the SBCD regional event in Pembrokeshire
- Met with ESB to discuss SILCG Programme
- Engaged the services of Urban Foundry to help with the SILCG Brand and branding activities along with establishing an online presence

Bay Technology Centre

- Welsh Finance Minister Rebecca Evans visited the centre as part of a fact finding meeting around economic development activities in the NPT area. Met with a number of tenants and was very impressed with the diversity of innovation taking place.
- Ongoing discussions regarding key strategic partner from outside Wales taking office and lab space on ground floor which we will announce when contracts have been signed.
- Held meeting with SBCD ESB in BTC around SILCG programme

SWITCH

- Ongoing design meetings and activities with Morgan Sindall to complete concept design RIBA stage 2
- Industrial engagement with key stakeholders to provide updates and forward involvement.
- Heads of Term's (HoT) document progressed by NPT
- £5m UKRI EPSRC PBIAA Net Zero Building award supporting research income target
- Ensuring spend for build remains within budget whilst also ensuring meets research requirement is especially challenging with changes in regulations such as flooding prevention, changes in construction costs and requirements from insurance companies.

Advanced Manufacturing Production Facility

- Follow up meeting held with Welsh Government around land acquisition
- Outline business case (OBC) prepared around NNZSCoE, feedback obtained from PoMO
- Meetings on stakeholder engagement event to be run by SQW early in 2024 held
- Possibility to host IDRIC meeting in conjunction with AMPF Stakeholder meeting

Property Development Fund

- The project team have continued to support applicants through the Stage 2 process and provided guidance and assistance.
- Stage 2 application have started to be received and are currently with the project team for review; the tender pack and supporting information has been issued to the external Quantity Surveyor for assessment.
- QS have undertaken reviews of the first two applications.
- Members of the project team along with the external QS have been to visit the sites and met with the applicants to gain a better understanding of the projects.
- One company has withdrawn their application as scheme not ready and so we have invited two additional applications that were placed on the reserve list to submit a stage 2 application.
- Currently considering a PDF round 2 launch towards end of 2023.

Hydrogen Stimulus Project

- USW have made significant tangible project progress on installation of equipment. Installation and commissioning of the new 100kW Hydrogen Electrolyser at the Baglan Hydrogen Centre is being conducted with contractors. The scope of work to date includes:
 - Utility connections (power, water and compressed air)
 - Electrolyser (100kW Enapter AEM electrolyser technology)
 - Compression (30bar – 300bar air driven hydrogen compression)
 - Buffer storage (30 bar and 300 bar)
 - Compression filling panel
- The Alkali Exchange Membrane (AEM) electrolyser is the largest of its type in the UK and will be the basis of follow on Hydrogen Research stimulated by the development. As a result of the successful commissioning of the facility, hydrogen produced at site in Baglan is being used to support a Hydrogen bus trial by South Wales Transport and Hydrogen Vehicle trials in the Swansea Bay City Region.
- Delays as a result of queries in relation to subsidy control have been clarified and a full signed agreement is imminent.
- A consortium led by Bath University, including Cardiff, Swansea and USW have been awarded a £4m PBIAA by EPSRC focusing specifically on hydrogen and carriers for cross sectoral application. USW Hydrogen Centre will be used as the key regional research centre for this activity.
- A €3.4m European Horizon project H2SHIFT, led by SNAM of Italy, with has been awarded to develop further hydrogen testing facilities, including development of electrolytic hydrogen testing facilities at USW Baglan.

Air Quality Monitoring Project

- As a result of staff changes at both Environmental Health and Vortex there has been a delay in the official reporting the initial field study element.
- A new Air Quality Officer has now joined the team who will require technical training in Air Quality Management and Monitoring.
- The deployed Vortex sensor network has experienced some significant difficulties, approximately 1/3rd of the network has not been responding resulting in an absence of data capture. Following investigations it has been concluded that the sensors and network require an upgrade. Following discussion with Ricardo, they have advised that they have enough data to report on the field study but obviously highlighting the operational issues experienced with loss of data capture. This report is expected imminently.
- AURN cabin upgrade is now complete at Tai Bach / Margam Fire Station, and officers are in the process of arranging separate electrical supply to continue with the co-location of low-cost sensors as part of this project.
- Environmental Health's mobile Air Quality Monitoring trailer has been located at the Vortex Manufacturing base at Metal Box. This will enable Vortex to continue their co location studies as part of their manufacturing process.
- Vortex have requested that the original MOU to be revisited, even though it currently runs to December 2024.

Low Emission Vehicle Charging Infrastructure

- NPT Zero Emission Vehicle Infrastructure Strategy Document to be presented to CDG 11th October and CMB 18th October and cabinet on 17th November
- Initial meeting with key ULEV contacts of the 4 LA's in SBCD region held 9th August.
- Hosted 'Road to Zero' GreenFleet Cymru roundtable event on behalf of GreenFleet UK at BBIC on 13th July
- SILCG represented at the NPT EV Task Group Meeting
- 26th July – Meet with local Baglan Business regarding ambition to develop an EV charging hub

- 16th Aug – Site Meeting with National Grid Electrical Distribution team regards Grid Connection for 23-24 WG ULEV TF Project
- 14th Sept - 3rd WG/TfW EV Charge Point Operators Group meeting
- 28th Sept – Attended WG/TfW On Street Charging Seminar

Key Activities planned next Quarter

Project Development

- Urban Foundry workshop to take place with project leads – develop SILCG logo and individual project logos along with guidelines for use etc.
- Confirm SILCG PAR review dates

Bay Technology Centre

- Sign up strategic partner
- Look to promote and sign up additional tenants

SWITCH

- Further design meetings to be held
- HoT to be progressed and sent to SU for sign off
- Collateral warranty document to be agreed by SU

Advanced Manufacturing Production Facility

- Final version of NNZSCoE OBC to be sent to SBCD PB & JC for sign off
- Meet with UK and Welsh Government around NNZSCoE
- Progress Land acquisition with WG

Property Development Fund

- The project team will continue to support applicants and at least two applications are expected during the next month.
- Assessments by the QS will continue and it is anticipated that the team will receive their report during this period.
- A project team meeting has been arranged for November for the team to review the current budget committed and then decide on undertaking another open call to invite applicants for a further round of funding.

Hydrogen Stimulus Project

- October 2023 will see the completion and signing by both parties of the Funding Agreement.
- Further development of the technical aspects of the Hydrogen Stimulus project will take place, including finalising designs for the upgraded hydrogen vehicle refuelling facility at the Baglan Hydrogen Centre.
- Ongoing supply of hydrogen from the USW/Protium Electrolyser at the Baglan Hydrogen Centre will
- Hydrogen Projects stimulated by this activity will continue to be explored in NPT and within the Swansea Bay City Region.
- Preparation for the commencement of the SWITCH PBIAA, GW-SHIFT PBIAA and H2SHIFT projects will continue – aiming for formal start on 1st January 2024.

Air Quality Monitoring Project

- Receive the end of field trial report from Ricardo and work out the next steps.
- Discuss condition of network with Ricardo and obtain upgrade costs proposals.

Low Emission Vehicle Charging Infrastructure

- 16th Oct – 4th WG/TfW EV Charge Point Operators Group meeting
- 23rd Nov – Host CENEX Cymru roadshow event on behalf of WG replicating similar events held in England. Venue TATA Steel Academy
- Develop procurement routes for commercial collaboration on ULEV TF Project
- Prioritise PFAs leading from NPT ZEVI
- Develop ‘Fast Track’ programme from PFAs

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 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 2023/24
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 works continue to progress well and to the agreed programme with works transitioning from belowground to aboveground in the period::</p> <ul style="list-style-type: none"> Significant belowground works have been undertaken (e.g. piling, drainage, pool hall excavation)

- Following the successful discharge of all pre-commencement planning conditions, aboveground works started in earnest in August 2023 as the first structural steel frame was erected. The steel frame for Building B has since been completed and work is now underway on the second of five interconnected buildings. The steel frame is on track for completion by the end of the calendar year.
- A media visit was held onsite 3rd August 2023 to mark the steel frame installation and showcase local procurement: Shufflebottom (Cross Hands) supplying the steel frame and Dyfed Steels (Dafen) providing the reinforced bar – a £3.8m economic boost for Carmarthenshire businesses
- Surfacing of main car park nearing completion

Community Benefits:

- BYUK is sponsoring 10 mechanical and electrical apprentices via Cyfle’s Shared Apprenticeship Scheme. The 10 apprentices received an onsite induction in August and have since been placed on other projects in Carmarthenshire
- Pupils from 5 Llanelli schools have visited Pentre Awel and engaged with BYUK multidisciplinary team to progress their task of designing a space within Zone 1. This forms part of a CCC/BYUK 21st Century Skills project, funded by Skills & Talent
- Issue 4 of Community Newsletter published in August 2023. Residents Surgery held onsite 5th September 2023

Zone 1 facilities update:

- Swansea University has signed an Agreement to Lease for its demise within Zone 1
- Discussions held with academic providers on ‘teach and treat’ proposals across several health-related disciplines
- CCC will operate the catering facility

Two strategic Pentre Awel projects have been awarded SPF funding - (1) £182k Accelerate Pentre Awel, led by Swansea University, and (2) £330k Innovation Pentre Awel, delivered in partnership by CCC and Cardiff University. The SPF projects aim to stimulate business, research and innovation activities. A leisure SPF bid aligned with Pentre Awel has also gained approval and will pilot community-based interventions to address health inequalities within Llanelli.

August also saw the launch of Pentre Awel’s new project webpages with a significant overhaul of project information and visuals. The new webpages have received 3700 views in the intervening period

Key Activities planned Q1 2023/24

- Zone 1 construction: final design meetings with tenants to sign-off drawings/c-sheets prior to the start of dry-lining activity on site
- Finalise lease agreements with key tenants.
- IRCF bid in preparation to cover funding for fit-out of clinical research, TriTech, hydrotherapy and audiology.
- Identify shortlist of options for outdoor activities / projects at Pentre Awel centred around four themes: leisure and recreation, education and development, environment and health and community engagement.
- Planning/scoping of assisted living facilities within Zone 2 (nursing home, residential rehabilitation and extra care).

Outputs

- 526 weeks of TR&T delivered on the project to date.
- 403 pupil interactions achieved during the construction stage and 61 hours of schools engagement.
- 60 pupils from local primary and secondary schools have been recruited to Bouygues’ Student Ambassador Programme.

Project Title	Digital Infrastructure Programme	Programme / Project Lead	Rebecca Llewellyn / Dija Oliver
Local Authority Lead	Carmarthenshire County Council		
Project Delivery Lead	Carmarthenshire County Council	Reporting Period	Q2 2023/24
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"> • PSBA FFIB Statement of Works and all MoUs signed by partners. Project in delivery to drive FTTP to 69 public sector assets with additionality to 401 premises across the region. • Final partner workshops and network design for Dark Fibre network. ITT to be issued imminently. • Communications and Engagement Officer appointed – start date 16th October 2023. • Carmarthenshire’s Support and Engagement officer appointed – start date 27th November 2023. • Finalised approach and established mechanisms for delivery of regional 5G investment fund for use cases/trials including establishment of a subsidy scheme which is now live on the UK Subsidy Portal and subject to a 30-day challenge period. • Finalised signatory of collaboration agreements between LA partners. • Established plans and timescales for significant Shared Rural Network (SRN) investment across the region working with UK and Welsh Government.

Key Activities planned
<ul style="list-style-type: none"> • Publish ITT for Dark Fibre network. • Conduct programme Gateway Review 0 and present subsequent recommendations with full report to board in November 2023. • Prepare detailed programme plan for remainder of programme including critical decision points, resource requirements and dependencies. • Complete procurement for benefits realisation and collate data. • Identify potential voucher schemes in Pembrokeshire and Carmarthenshire. • Initial analysis of NROMR data and Project Gigabit intervention areas to identify preferred way forward to meet remaining needs across the region. Pending receipt from BDUK. • 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

Outputs
<ul style="list-style-type: none"> - More public sector assets with gigabit capable FTTP 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	Q2 2023/24
SRO	Martin Nicholls		

Budget	
Total Budget	£175.35m
City Deal	£50m
Public	£85.38m
Private	£39.97m
Description	
<p>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:</p> <ul style="list-style-type: none"> • 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"> • SC project team continuing with final snagging works. • Hotel: Heads of Terms with preferred developer being finalised. Discussions with WG on funding package progressing. <p>71/72 Kingsway Construction:</p> <ul style="list-style-type: none"> • Ongoing discussions regarding the claims made by BYUK relating to the groundworks, basements walls and waterproofing. • Construction continuing onsite – now at fourth floor. The Contractor has updated the programme which now shows a completion date of end January 2024. • Digital and data specialist knowledge is being utilised to facilitate the Digital infrastructure. <p>71/72 Kingsway Commercials:</p> <ul style="list-style-type: none"> • Flex tenant HoT's advanced/final location in building agreed. • Letting, Marketing and Branding agents have been appointed and current interest from potential occupiers is being followed up. • Appointment secured for a specialist who is advising on management of the building and procurement of a property management agent. Ongoing discussions regarding landlords fit out within tenant and landlord area's including IT infrastructure and power supplies. • Discussions ongoing with City Deal Digital project. <p>Innovation Matrix:</p> <ul style="list-style-type: none"> • Project is onsite and progressing according to programme plan • Tenant HoTs at 75% of available net lettable space • Tenant engagement is ongoing to finalise fitout plans • Social Value targets are on track. <p>Innovation Precinct:</p> <ul style="list-style-type: none"> • Options appraisal workshop has been completed to support the CRN and will be appended in the re-submission • Ongoing negotiations with the Local Authority development partner regarding potential property delivery model
Key Activities planned
Arena

<ul style="list-style-type: none"> Progress Hotel delivery options. <p>71/72 Kingsway</p> <ul style="list-style-type: none"> Agree name and branding. Formal Marketing to commence. Ongoing discussions with potential tenants. Finalise Heads of Terms with Flex Tenant once service charge estimate has been provided. Progress Building Management Strategy and procurement documents once all the initial queries have been resolved and landlord decisions have been made. Draft property management agreement and leases to be drawn up by external lawyer. <p>Innovation Matrix & Precinct:</p> <ul style="list-style-type: none"> Continuation of construction programme Preparation for Gateway assessment for Innovation Matrix Continuation of negotiations with local authority for development of Innovation Precinct Completion of change request notification for Innovation Precinct

<p>Outputs</p> <ul style="list-style-type: none"> Physical delivery of arena (circa 80,000 square feet with a 3,500-capacity), along with digital square is on track. Physical delivery of 71/72 The Kingsway, which will comprise circa 115,000 square feet of office space. Discussions on-going with UWTSB about their element of the project (Innovation Precinct). <p><i>Caveat: Covid 19 could have an impact on jobs and GVA.</i></p>
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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	Q2 2023/24
SRO	Professor Elwen Evans		

Budget	
Total Budget	£25.17m
City Deal	£5m
Public	£18.67m
Private	£1.5m

<p>Description</p> <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
Project Development

- University has engaged expert consultants to develop a proposal centred around the provision of a Digital Production Facility in existing University space.
- University has begun drafting Change Notification that will encapsulate the proposed change to the Egin Phase 2 project
- Key concept and equipment requirements developed

Key Activities planned

- University to complete initial Change Notification to evidence the requirements for Egin Phase 2 and document the rationale behind the change in delivery methodology
- Ongoing financial development to understand new project cost requirements etc.
- Further engagement with creative and digital sector to ensure that the proposed Egin Phase 2 project will satisfy requirements going forward
- Survey of proposed location for Egin Phase 2 along with design and development work commencing

Project Title	Skills and Talent	Programme / Project Lead	Samantha Cutlan
Local Authority Lead	Carmarthenshire County Council		
Project Delivery Lead	South West Wales Regional & Skills Partnership		
SRO	Andrew Cornish	Reporting Period	Q2 2023/24

Budget	
Total Budget	£30m
City Deal	£10m
Public	£16m
Private	£4m

Description

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.

Key achievements

- Business Case Development**
- 14 Pilot project applications have now been approved by RLSP board and are in delivery.
 - Gateway Review completed resulting in a 2nd Green Rating.
 - Barometer Reviewed and Updated, with Sector Skills gap analysis reports created for discussion with Sector Cluster Groups Oct/Nov 23
 - Development of Website.

Key Activities planned

- Receive and review further pilot project applications.
- Increased marketing and events
- Review Barometer with a further focus on capacity.
- Website update being completed with a view of increased marketing activity and website updates to raise awareness of Programme and stimulate further pilot applications.
- Ongoing discussions with interested parties regarding further pilot project development to meet with the skills gaps identified through the skills barometer.

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

RAG Status	
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>