

Implementation Plan

The Swansea Bay City Deal Implementation Plan has been developed to set out the high level activities that will support the delivery of the Swansea Bay City Deal (SBCD).

The Plan outlines the work of the Joint Committee and supporting structures including programme governance, stakeholder engagement and programme implementation, monitoring and evaluation, as well as indicative milestones for the SBCD Programme and its eleven SBCD projects.

The Joint Committee will review the Implementation Plan annually, with the first review to take place no later than one year after the approval of the Implementation Plan. Reviews in later years will take place no later than one year after the previous review.

Date Approved: August 2018





















Swansea Bay City Deal

1.0 Summary of Programme

The Swansea Bay City Region covers the four local authority areas of Carmarthenshire, Neath Port Talbot, Pembrokeshire and Swansea.

Based on the Swansea Bay City Region Economic Regeneration Strategy 2013-2030, the Swansea Bay City Deal sets out an integrated, transformational approach to delivering the scale and nature of investment needed to support plans for growth in the Region.

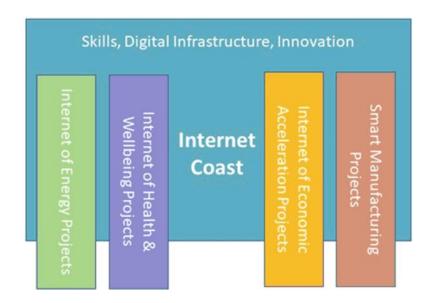
As outlined in the *Internet Coast*, the Strategic Vision for the Swansea Bay City Region is to create a super smart innovation region which will inform and advance solutions to some of the most pressing challenges of modern times in the areas of economic acceleration, smart manufacturing, energy, and life science and well-being.

The Swansea Bay City Deal is a total investment of £1.3 billion over a period of 15 years. This consists of £241m from UK and Welsh Governments, £396m from other public sector funding and £637m from the private sector.

The City Deal provides a once in a generation opportunity to further consolidate the Region's role in technological innovation through creating a region of interconnected testbeds and living laboratories, designed not only for proof of concept but also for proof of business.

Using the transformational powers of next generation digital technologies, and supported by a programme of tailored skills development, the City Deal will accelerate the Region's innovation, technological and commercialisation capabilities to support the establishment and growth of local innovation businesses and inward investors.

The strands of innovation, skills, and digital infrastructure create synergies across the four themes and eleven projects of the SBCR City Deal as outlined in the diagram below. Together, these will establish the Region as a lead innovator in developing and commercialising solutions to some of the most pressing challenges through digital innovations and a programme of skills which are tailored to business needs.



The Swansea Bay City Deal is an excellent example of working in partnership with other councils, universities and education providers, health boards, UK and Welsh Governments, and the business community. It demonstrates what collaboration and joined-up thinking can achieve for our citizens.

The Well-being of Future Generations (Wales) Act 2015 - the City Deal is a good example of the 5 Ways of Working promoted by the Act and will make a significant contribution to the 7 well-being goals.

Being a 15-year programme, the Swansea Bay City Deal provides an excellent opportunity to address persistent challenges such as climate change, poverty, inequality, jobs and skills and rurality in a transformational and preventative way.

It is also an opportunity for the four authorities and City Deal to demonstrate how they are using the 5 Ways of Working to maximize their contribution to the well-being goals required under the Act, through a major public and private sector investment programme.

The Regional Office has already been in early discussions with the Office of the Future Generations Commissioner in Cardiff to explore at the outset how the SBCD projects can use the Act as a framework at the early design stage, the idea being to strengthen the contribution of each SBCD project towards the 7 Goals and improve the 5 Ways of Working as the project is developed as part of the 5 case business model.

The 5 Ways of Working principles will be used as a starting point for helping projects to consider how they can involve people in the development, who they should be collaborating with (unusual as well as usual stakeholders to bring a different perspective), and what the long-term trends are that need to be considered, or can be addressed, through the projects.

The Office of the Future Generations Commissioner in Cardiff has developed a specific framework based on the Five Ways of Working and the Seven Well-being Goals. This Framework will allow SBCD Project Leads to use the Act to shape the development and assessment of SBCD projects and to drive their design and implementation. It has been shared with each of the Project Leads to assist in identifying improvements that need to be made to ensure the project adheres to the WFG Act and maximises the future benefits of the project and the Swansea Bay City Deal Programme.

2.0 Outcomes and benefits

The aims of the Swansea Bay City Deal is to create an outward-looking Region with the innovation capacity and infrastructure to inform and advance solutions to grand challenges that are both real locally and also exist in almost every region of the world.

By 2035 we will:

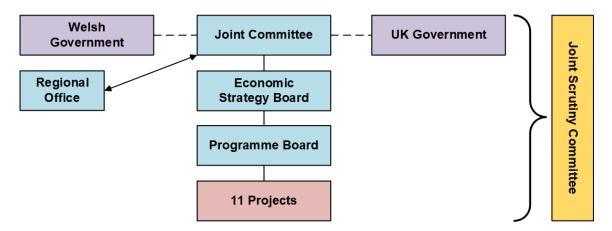
- Transform the regional economy
- Establish and maintain an effective and aligned skills base
- Create, prove and commercialise new technologies and ideas
- Be a recognised regional centre of excellence in:
 - Application of digital technologies
 - Life Science and Well-being
 - Energy
 - Advanced manufacturing

It is estimated that, at the end of the programme period, the Swansea Bay City Deal will lead to:

- Funding of £1.3 billion generated for interventions to support economic growth across the Region of which over £600 million will be private sector investment
- 11 projects
- An overall increase to the Region's economy of over 9,465 high skilled jobs
- A contribution to Regional GVA of £1.8 billion
- Investment spread across the whole of the Region to ensure all localities and citizens can benefit

In addition to the above outcomes, the City Deal will also have wider social and economic benefits at both a programme wide and project sector specific level. The full detail of all outcomes and benefits of the City Deal will be agreed with the UK Government and Welsh Government and will be set out in the SBCD Monitoring and Evaluation Plan that will provide details of how these will be captured, monitored and evaluated over the programme period

3.0 Programme Governance



3.1 Joint Committee

The Joint Committee comprises the four local authority Leaders of Carmarthenshire, Neath Port Talbot, Pembrokeshire and Swansea councils.

The Joint Committee will be chaired by a local authority Leader, and it has been agreed by the four councils that the Leader of Swansea Council will take this on this responsibility. The Chair of the Joint Committee will be elected for a two year term in the first instance, reviewed annually thereafter.

The Joint Committee has ultimate responsibility and accountability for decisions taken in relation to the Swansea Bay City Deal, in line with the visions and interests of all participating parties and the Swansea Bay City Deal document signed on 20th March, 2017.

Since the signing of the Heads of Terms document, in order to maintain momentum, the Joint Committee has been operating in shadow form. It is anticipated that the first formal meeting of this committee will take place late Summer 2018 when each of the four local authorities have signed the Joint Committee Agreement, the legal document which sets out how the councils will work together.

The head of paid service, monitoring officer and section 151 officer of each of the Councils shall be entitled to attend meetings of the Joint Committee as an adviser and shall not have a vote.

The Leaders shall be entitled to co-opt to the Joint Committee the Chair of the Economic Strategy Board (once the ESB membership has been agreed at the first formal meeting of the Joint Committee), and one representative each from the University of Wales Trinity Saint David, Swansea University, Hywel Dda University Health Board and Abertawe Bro Morgannwg University Health Board. Voting rights will be reserved for the four local authority Leaders.

The Joint Committee will meet on a monthly basis and, as set out in the Joint Committee Agreement, its functions include:

- Identifying and implementing appropriate governance structures for the implementation
 of any projects within the Swansea Bay City Deal programme. This shall include the
 formation of bodies corporate and any other structures which the Councils can lawfully
 establish or participate in:
- Agreeing and planning the overall strategy for and delivery of the programme for the Swansea Bay City Deal;
- Performance management of the Swansea Bay City Deal programme;
- Strategic communications;
- Monitoring of the impact of the Swansea Bay City Deal programme and reporting on this to the Councils;
- Authorising the Accountable Body to commission external support and to oversee the delivery and management of project expenditure;
- Progressing a regional approach for the Swansea Bay City Region for the discharge of strategic functions. These functions may include land use planning, transport planning and economic development;
- Approval and adoption of the Implementation Plan;
- Approval of any extension agreed by the Councils to the deadline for approval of the Implementation Plan;
- Agreeing the terms and conditions of Government Funding;
- Overseeing the proportion of each Council's responsibility for borrowing to provide funding for regional projects;
- Reviewing performance of the Chair of the Economic Strategy Board on an annual basis;
- Agreeing the Annual Costs Budget;
- Following the process as set out in the Joint Committee Agreement, the Joint Committee shall consider the project business case and the recommendations of the Programme Board and the Economic Strategy Board, and shall decide whether or not to approve the project for submission to the UK Government and Welsh Government for approval by the UK Government and Welsh Government for the release of government funding for the project.

3.2 Economic Strategy Board

Reporting to the Joint Committee, the Economic Strategy Board will represent the wider community, including the private sector.

The Economic Strategy Board will act as the voice of business and will provide strategic direction for the Swansea Bay City Deal, through advice to the Joint Committee on matters relating to the Swansea Bay City Region. It will have a role in advising the Joint Committee on opportunities to strengthen the City Deal's impact.

The Chair will be accountable to the Joint Committee. The Economic Strategy Board will not have any formal decision-making powers and it will reach agreement by consensus.

The Economic Strategy Board will meet with the following frequency or as and when required:

- o Quarterly in advance of any Joint Committee meeting; and
- When necessary to deal with business as agreed by the Chair of the Economic Strategy Board.

The Regional Office will arrange for minutes of the proceedings of each meeting to be taken, approved and recorded. Key activities of the Economic Strategy Board include:

- Submit strategic objectives for the Swansea Bay City Region;
- Assess the individual Project Business Cases against the strategic aims and objectives
 of the Swansea Bay City Deal and make a recommendation to the Joint Committee on
 whether or not the Project Business Case should proceed;
- Consider implications of a proposed withdrawal or change of Project Authority Lead and any proposal for a new project and provide recommendations to the Joint Committee on whether the new project proposed should replace the project to be withdrawn and if not the process for selecting new projects or reallocation of funding;
- Monitor progress with regard to the delivery of the Swansea Bay City Deal.

A preferred candidate to become Chair of the Economic Strategy Board has been selected following an open competition exercise. The Chair shall be appointed through a vote at the first formal meeting of the Joint Committee. The process of appointing other members of the Economic Strategy Board has taken place through an open recruitment and nomination process, membership being drawn from across the wider private and public sectors. It is anticipated that the Economic Strategy Board membership will be agreed through a vote at the first formal meeting of the Joint Committee.

3.3 Programme Board

The Programme Board is accountable to the Joint Committee and will consist of the head of paid service of each of the four Councils, or another officer nominated by the head of paid service. The Programme Board Chair shall be reviewed annually.

The Programme Board may co-opt additional representatives to the Board. Co-opted members may include representatives of Swansea University, University of Wales Trinity St David, Hywel Dda University Health Board and Abertawe Bro Morgannwg Health Board.

It has been unanimously agreed by the councils that the Chief Executive of Carmarthenshire County Council will chair the Programme Board meetings.

Since the signing of the Heads of Terms document, in order to maintain momentum, the Programme Board has been operating in shadow form. At first formal meeting of the Joint Committee, scheduled to take place late summer 2018, the governance structure for the SBCD will be formally approved by the four councils, and the Programme Board will move into its formal status.

The Programme Board will have four distinct roles:

- Preparing recommendations on the Swansea Bay City Deal programme:
 - Ensuring that all schemes are developed in accordance with the agreed package, analysing the financial viability, deliverability and risk of each City Deal project proposal;

- Overseeing production of business case.
- Advising on the strategic direction of the Economic Strategy Board;
- Overseeing performance and delivery of the delivery of projects, reviewing progress against agreed milestones, focusing on delivery and financial risks and identifying any necessary remedial action;
- Working on a regional basis to improve public services especially in the areas of economic development, transport, planning and strategic land use, housing and regeneration.

Meetings of the Programme Board will take place on a monthly basis before the Joint Committee meeting and before all quarterly meetings of the Economic Strategy Board.

3.4 Accountable Body

The Councils have agreed that Carmarthenshire County Council will act as the Accountable Body responsible for discharging the Councils' Obligations in relation to the Swansea Bay City Deal in accordance with the Joint Committee Agreement.

The role of the Accountable Body is to:

- Act as the primary interface with Welsh Government, UK Government and any other funding bodies necessary to discharge the Councils' Obligations;
- Hold and release any Government Funding in relation to the Swansea Bay City Deal and only to use and release such funds as agreed in accordance with the terms of such funding and the Joint Committee Agreement;
- Comply with the Funding Conditions as set out in the JCA;
- Undertake the accounting and auditing responsibilities set out in this Agreement;
- Employ the Regional Office staff.

The Joint Committee will designate the Chief Executive of the Accountable Body as Lead Chief Executive to act as its principal adviser and as Accountable Officer to manage and oversee the work of the Accountable Body and the Regional Office team.

3.5 Regional Office

Reporting directly to the Accountable Officer and the Joint Committee, the Regional Office plays a pivotal co-ordinating and supporting role and it is responsible for the day to day management of matters relating to the Joint Committee and the Swansea Bay City Deal.

Key activities of the Regional Office include:

- Strategic liaison with UK Government and Welsh Governments and policy advisors;
- Governance support for all aspects of the City Deal governance structure, the SBCD Joint Committee, Programme Board and Economic Strategy Board;
- Programme implementation co-ordination, monitoring and evaluation;
- Undertake research, analysis and report on findings as requested by groups within the governance structure;
- Strategic project co-ordination include advising on and coordinating the development and submission of 5 case business models for City Deal projects;
- Liaison and engagement with government funding bodies and programmes, and with the Universities and Health Boards;
- Responsibility for managing the identification, assessment, approval, monitoring and evaluation processes for Regional interventions and projects;
- Communications and engagement management for the Swansea Bay City Deal;
- Private sector involvement, business development and inward investment;

 Utilising the SBCD's governance model to lead in the consideration and development of opportunities for additional capital and revenue external funding bids for additional funding sources to assist in the delivery of the regional activities which are complimentary to the SBCD.

4.0 Joint Committee Work Programme

A detailed work programme has been developed in Gantt format. This will be continually monitored and updated to ensure progress is being made.

Summarised key actions for the Shadow/Formal Joint Committee include:

Category	Action	Timeframe (Using Calendar Year)	Responsibility
	JCA & SBCD governance approved at Full Council meeting in each of the 4 LAs	Qtr3 2018	4 LAs
	Formal agreement of JCA & SBCD governance	Qtr3 2018	Joint Committee
Governance	Formal establishment of Economic Strategy Board	Qtr3 2018	Joint Committee /UKG & WG
	Establish Joint Scrutiny Arrangements	Qtr4 2018	Accountable Body / Joint Committee
	Formal approval of Implementation Plan	Qtr3 2018	Joint Committee
	Identify and agree LA borrowing requirements	Ongoing	LAs Section 151 Officers and Legal Officers / Accountable Body / JC
Finance	Identify funding for revenue requirements and agree position on NDR & Capitalisation	Qtr4 2018	Accountable Body / LAs Section 151 Officers / Joint Committee
	Formal agreement of process principles for flow of finances for Regional and Local Authority City Deal projects as set out in the Joint Committee Agreement	Qtr4 2018	4 LAs / Joint Committee
SBCD Project development	Agree submission process and timescales for projects to Governments	Qtr4 2018	Regional Office / / UKG & WG / JC
/approval	Agree project approval process	Ongoing	Accountable Body / 4 LAs / JC / UK & WG
	Draft SBCD JCA developed	Qtr3 2018	Accountable Body/ LAs Section 151 Officers and Legal Officers
Legal and	Develop Economic Strategy Board TOR for approval	Qtr2 2018	Accountable Body/ LAs Section 151 Officers and Legal Officers
Procurement Procurement	Develop City Deal Regional Procurement Strategy	Qtr4 2018	Accountable Body/Regional Office
	Contracts Register to be established to identify and report on community benefits	Qtr4 2018	Regional Office /Accountable Body
	Develop Template Funding Agreement between the Lead Project Authority and the Project Lead to allow the transfer of City Deal Funding to the Recipient Project Lead	Qtr4 018	Accountable Body/ LAs Section 151 Officers and Legal Officers/ Joint Committee
Monitoring and	Programme Risk Register Developed	Qtr4 2018	Regional Office/Accountable Body
Evaluation	Final Version Monitoring and Evaluation Plan agreed	Qtr1 2019	Regional Office / UKG & WG

Stakeholder	Development and agreement of Business & Stakeholder Engagement Plan	Qtr4 2018 &	Regional Office / Joint
Engagement		Ongoing	Committee
Strategic Regional Functions	Explore key strategic functions at a regional level that will support both the implementation of this Deal and wider development activity	Ongoing	Programme Board / Joint Committee / UK & WG

5.0 Programme Financing

The Swansea Bay City Deal is a total investment of £1.3 billion over a period of 15 years. This consists of £241m from UK and Welsh Governments, £396m from other public sector funding and £637m from the private sector.



The Joint Committee Agreement sets out details of the allocation of Government funding and private and public funding contributions for each project. The proportion of Government funding shall be in accordance with the details set out in the JCA Schedule 7 (table shown below) unless the Councils agree to vary this.

PROJECT NAME	Private (£ m)	Public (£ m)	City Deal (£ m)	Total Project Costs (£ m)
	(& III)	(2.111)	(& III)	(& III)
Internet of Economic Acceleration				
Digital Infrastructure	30.0	0.0	25.0	55.0
Swansea City & Waterfront Digital District	23.9	94.3	50.0	168.2
Creati∨e Digital Cluster - Yr Egin	3.0	16.3	5.0	24.3
Centre of Excellence in Next Generation Services (CENGS)	27.0	5.5	23.0	55.5
Skills & Talent Initiative	4.0	16.0	10.0	30.0
Internet of Life Science & Well-being				
Life Science & Well-being Campuses	10.0	20.0	15.0	45.0
Life Science & Well-being Village	127.5	32.0	40.0	199.5
Internet of Energy				
Homes as Power Stations	382.9	119.2	15.0	517.1
Pembroke Dock Marine	25.9	22.4	28.0	76.3
Smart Manufacturing				
Factory of the Future	3.2	10.3	10.0	23.5
Steel Science Centre	0.0	60.0	20.0	80.0
TOTALS	637.4	395.9	241.0	1,274.3

The Joint Committee has ultimate responsibility and accountability for decisions taken in relation to the Swansea Bay City Deal. It is the role of Programme Board to ensure that all schemes are developed in accordance with the agreed package, analysing the financial viability, deliverability and risk of each City Deal project proposal and to report to the ESB and Joint Committee.

Private Sector investment is fundamental to the overall success of the Deal. There is a requirement for each City Deal project to have in place from the outset a credible and robust financial profile. All letters confirming both private and public sector match funding are to be in place for the project prior to City Deal funding approved, confirming amount and timing as set out in the project's approved financial profile. The Project Authority Lead and Project Delivery Lead are to put in place effective project monitoring processes. Funding agreements will be signed at the outset between Project Authority Leads and Project Delivery Leads setting out funding conditions.

For all projects, in addition to the 5 case model assessment process, the Accountable Body will undertake an assessment of the Project's Financial Profile to check that private and public sector contribution/s are in line with that set out in the initial project business case from the Project Lead. All variances and changes, including implications of these, will be reported to the PB, ESB and JC for consideration and decision of course of action as deemed necessary before City Deal funding is approved for the project.

It is the aim of the Swansea Bay City Deal that all projects will be delivered in five years in order to maximise the full benefits realisation of the operational schemes during the lifetime of City Deal funding which is to be released to the Region from the governments over a fifteen-year period.

As set out in the JCA, making decisions on borrowing and on finding other sources of funding other than Government Funding for projects is a matter reserved to the Councils. Each Council shall be responsible for borrowing or providing other funding for projects located in its area. If a project is located in the areas of more than one Council, each of the Councils in whose area the project is located may agree that borrowing or providing other funding should be shared between all of the Councils in whose areas the project is located equally or in proportions agreed by all of the Councils in whose areas the project is located.

The Programme Board will ensure that all schemes are developed in accordance with the agreed package and prepare recommendations to Joint Committee on all schemes.

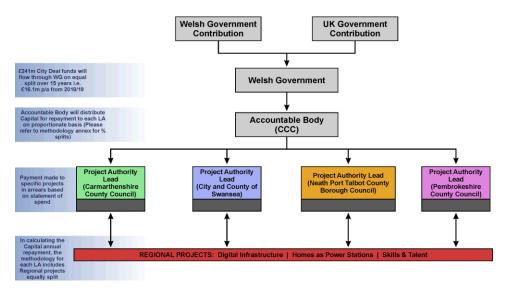
The Joint Committee is responsible for overseeing the proportion of each Council's responsibility for borrowing to provide funding for regional projects. The capital borrowing (in respect of the Government funded element) for the SBCD projects will be re-paid by identified Government funds (UK & Welsh Government) over the 15 year period.

The exact level of borrowing and the structure and terms of the borrowing is yet to be confirmed at this point in time, however it will be calculated based on the amount required per relevant local authority, and will be in line with the individual local authority internal requirements. This is being determined by the four Section 151 Officers of the four local authorities. All borrowing will be agreed based on the principles of the Prudential Code and Treasury Management Policy and Strategy for each Authority. When further details of the investments required for each project are known, a full business case appraisal for each individual project will be completed and submitted to the relevant local authority for approval before submission to the Joint Committee. These full business cases will include the detailed funding proposals and requirements of the local authority.

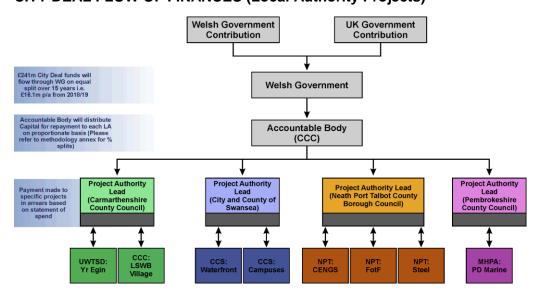
The Welsh Government has agreed (in principle) that the authorities in the SBCD region will be allowed to retain 50% of the additional net yield in the non-domestic rates generated by the 11 projects which are to be delivered by the Deal. The basis of the allocation of the rates generated within the SBCD is yet to be agreed at this point in time. This is being negotiated by the four Section 151 Officers of the four local authorities. Within the Joint Agreement appendices there is additional information that provides authorities with the support to utilise funding flexibilities.

Once UK Government and Welsh Government have approved release of City Deal funding for individual CD projects, this funding will be released to the Region via the Accountable Body who, in accordance with the Joint Committee Agreement, will distribute the funds to the regional local authorities as demonstrated in the following flow charts:

CITY DEAL FLOW OF FINANCES (Regional Projects)



CITY DEAL FLOW OF FINANCES (Local Authority Projects)



6.0 Strategic Programme Risks

Each Swansea Bay City Deal project will carry its associated risks which will be mitigated throughout the application and delivery process. A detailed risk analysis will be undertaken for all projects by the Project Delivery Lead as part of the development of the 5 case business model process, with a project specific Risk Register established to assist in the ongoing management and mitigation of all risks.

A detailed Programme Risk Register has been developed for the Swansea Bay City Deal Programme and will be managed, revised and updated by the Regional Office and will be reviewed by the Programme Board and Joint Committee. A summary of the most significant programme risks are outlined in the table below. It should be noted that these risks are shown at this point in time of writing and that the status of each risk will alter along the length of the Programme.

Category	Risk	Probability Scale Low 1:5 High	Impact Scale Low 1:5 High	Mitigation
+	Delay in approval of Joint Committee Agreement	1	1	JCA already formally approved by each of the four LAs at meetings of the Full Council. JCA on agenda for sign-off at first formal JC meeting anticipated end of Summer 18.
Development	Delay in approval of Implementation Plan	1	1	IP drafted by RO. Review of draft versions IP by both Govs and speedy iterative process have enabled final version. IP on agenda for sign-off at first formal JC meeting anticipated end of Summer 18.
	Delay in establishment of Economic Strategy Board	1	1	Preferred candidate for ESB Chair has been selected and the full ESB membership will be confirmed at the first formal meeting of the JC.
	Delay in development of Business Cases by Project Leads	2	3	Regional Team in place to co-ordinate submission of business cases by the Project Leads. Gantt Chart developed to assist in mapping out project development, submission and approval process timelines. Programme Board and ESB in place to oversee the development of business cases. Joint Committee Agreement in place which sets out agreed processes for deciding on any actions required.
Implementation	Delay in approval of City Deal Business Cases	2	3	JCA and governance structure to be formalised in August 18. Regional Project Authority Leads / Project Authority Leads will have early sight of relevant draft version business cases for comment/feedback. Iterative process with governments for review of draft business cases in place which aids speedier decision. Agreement of submission process and timescales for review of final business plans with both governments.
	Business case is not approved / project falls	3	4	Iterative business case review process. Open and regular dialogue between Accountable Body, RO, Project Delivery Lead and Project Lead. Early identification of potential trigger points and any potential mitigating/rectifying actions. If irreconcilable, Joint Committee Agreement in place which sets out agreed processes for identifying new project(s) to achieve the outcomes of the City Deal.
	Slippage in Programme delivery	2	3	Establish robust monitoring and evaluation framework to ensure programme and project delivery remains within agreed timescales and to ensure that all targeted

Category	Risk	Probability Scale Low 1:5 High	Impact Scale Low 1:5 High	Mitigation
				project outputs and outcomes will be achieved. Regional Team in place to undertake monitoring role. Accountable Body/Section 151 officers will undertake programme level financial profiling to ensure borrowing and distribution of City Deal funding is reflective of programme delivery.
ional	Withdrawal of Local Authority Failure to engage relevant stakeholders including private sector to enable wider development of	2	1	JCA signed by each LA which clearly sets out agreed provisions for such a scenario. Economic Strategy Board in place from the outset providing private sector involvement. Key stakeholders already engaged. SBCD Business Engagement Officer and Communications Officer employed in the RO to ensure early and ongoing involvement through SBCD Business Engagement & Communication Plan.
Operational	the programme Failure to achieve agreed outcomes / outputs in agreed timeframe	3	4	Develop robust baseline. Establish monitoring and evaluation framework including key milestones and timescales for review. Set up quarterly meetings with Project Delivery Leads and Project Authority Leads to discuss progress. Regular performance reporting to Programme Board, ESB and Joint Committee to enable decision on any mitigating actions deemed necessary to keep the programme on track.
	Failure to identify / secure City Deal revenue funding	2	2	Ongoing dialogue with governments underway to identify potential solutions.
	Private Sector funding contribution/s not in line with initial business case projections	3	4	For all projects, in addition to the 5 case model assessment, the Accountable Body will undertake an assessment of the Project's Financial profile to check that the private sector contribution is in line with the initial business case financial projections. Any implications resulting from variance to be reported to PB, ESB and JC for action.
Financial	EU match funding contributions contribution/s not in line with initial business case projections	3	4	For all projects, in addition to the 5 case model assessment, the Accountable Body will undertake an assessment of the Project's Financial profile to check that the private sector contribution is in line with the initial business case financial projections. Any implications resulting from variance to be reported to PB, ESB and JC for action. RO in dialogue with WEFO.
	Failure of projects to secure committed full funding package (cap & rev)	2	5	Credible and robust financial profiles need to be in place for each City Deal Project from the outset. All Letters Confirmation Match Funding to be in place for the project before City Deal funding is approved, confirming amount and timing as set out in the project's financial profile. Timely monitoring and review following approval of five case business plan. Robust and timely procurement activity must be planned, executed and monitored. All Project Authority Leads to put in place effective monitoring and evaluation processes. Funding agreements signed between Project Authority Lead and Project Lead.

7.0 Business Case Assessment Process

The need to get the best possible value from spending public money will always remain a constant for those entrusted with spending decisions. To this end, all City Deal business cases must be developed using the HM Treasury and Welsh Government's Five Case Model, an approach which is both scalable and proportionate. It is recognised as best practice and is the Treasury's standard methodology.

The business case, both as a product and a process, provides decision makers, stakeholders and the public with a management tool for evidence based and transparent decision making and a framework for the delivery, management and performance monitoring of the resultant scheme.

Each business case in support of SBCD project must evidence:

- **Strategic Case** the intervention is supported by a compelling case for change that provides holistic fit with other parts of the organisation and public sector
- Economic Case the intervention represent best public value (to the UK as a whole)
- **Commercial Case** the proposed Deal is attractive to the market place, can be procured and is commercially viable
- Financial Case the proposed spend is affordable
- Management Case that what is required from all parties is achievable

As set out in the Joint Committee Agreement, the Project Business Case shall include a Resolution of the Project Authority Lead and all Councils in whose area the project shall take place that they approve the submission of the Project Business case.

The Regional Office shall have day to day responsibility for managing the assessment process for projects.

To assist a speedier assessment process, the UK Government and Welsh Government have agreed an informal iterative review process for assessing draft versions of business cases in order to assist Project Leads in the production of complete full business cases which are appropriate for 5 case formal review process.

On completion of the final draft business case, and following approval from the respective Regional/Project Authority Lead(s), full business cases for each of the 11 projects will undergo assessment by the Regional Office and Accountable Body before being considered by the respective City Deal governance structures. After approval by the Joint Committee the project business case will be forwarded to the UK Government and Welsh Government for approval to release City Deal government project funding to the Accountable Body.

Regional Office Project Assessment Criteria

1. Fit with the WG Future Well-being Act

- Clear evidence of the 5 Ways of Working;
- Clear evidence of contributing to Well-being goals;
- Clear evidence of alignment with local well-being plans.

2. Strategic Fit

- Alignment with the strategic aims and objectives of the Swansea Bay City Deal and wider regeneration regional strategy and demonstrate the Region's ambitions;
- Synergies with other Swansea Bay City Deal projects demonstrated.

3. Financial

- Credible and robust financial profile with cost breakdown is in place for each City Deal project before funding approval;
- Private Sector contribution/s are as set out in the Initial Business Case financial projections for the project and in the Heads of Terms document;
- All letters confirming Project Match Funding from all sources must be in place before City
 Deal funding is approved confirming amount/s and timing as set out in the project's
 Financial Profile for public and private sectors (and any dependencies);
- Evidence of ongoing project sustainability for a period of at least the 15-year SBCD Programme Period to include a credible operational/commercial case that sets out full details on proposed income flows and sources (and any dependencies).

4. Deliverability

- Robust Governance & Partnership approach;
- Project Management Team and Experience;
- Clear project plan.

5. Outputs and Outcomes

- SMART (specific, measurable, achievable, results-based, time-bound) project outcomes with associated baseline data is in place in line with overall City Deal Plan;
- Projects should clearly establish intended outputs with a clear definition of what success would look like.

6. Risk Management

• Project Risk Register and risk management process in place - identification, management and mitigation of all risks.

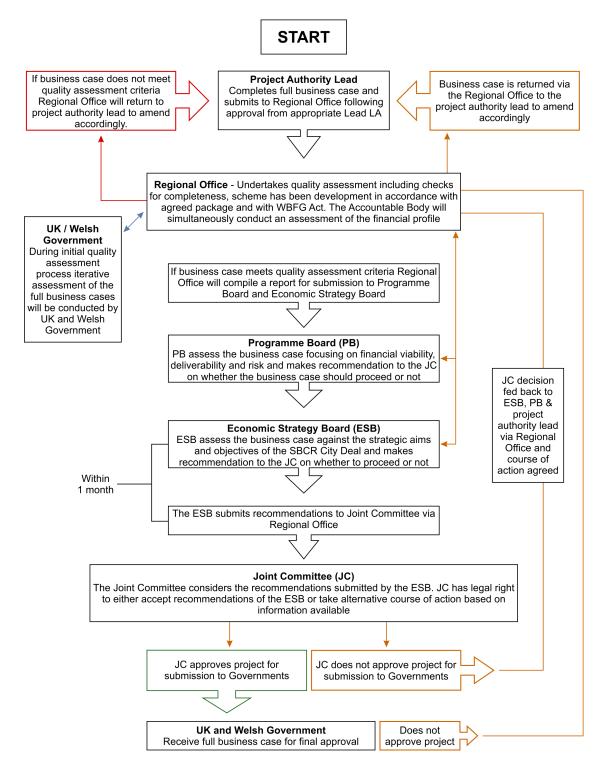
7. Procurement

- Projects must set out how they will procure all project activity in line with the Swansea Bay City Deal Procurement Strategy;
- Wider Community Benefits demonstrated in the business case e.g. Local Supply Chain supported, apprenticeships etc.

8. Project Monitoring & Evaluation

- All Project Leads to have set out clear and effective Monitoring and Evaluation Plan with process identified;
- Key delivery steps and associated milestones demonstrated;
- Detailed proposal for how and when all outputs and outcomes will be measured and reported to the Project Lead Authority and the Regional Office;
- Evaluation proposal;
- Exit Strategy in place.

The four local authorities have agreed the following process for the formal assessment of final SBCD business cases:



8.0 SBCD Programme Monitoring and Reporting

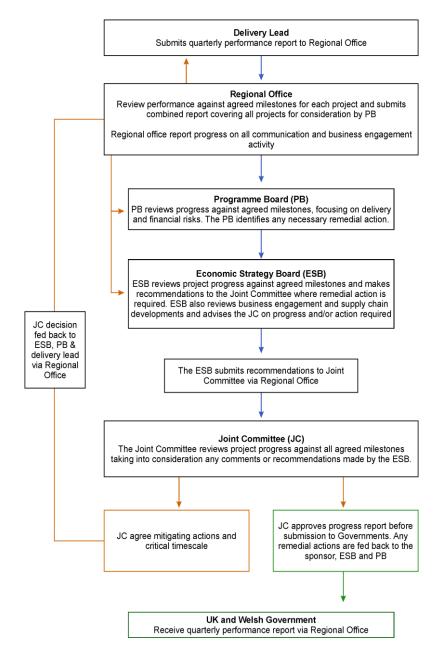
The Regional Office will have day to day responsibility for managing the monitoring and evaluation processes for projects. A robust, monitoring and evaluation plan will be developed in conjunction with the UK and Welsh Governments, and agreed by the Joint Committee, which sets out the proposed approach to evaluating the impact of delivery of Swansea Bay

City Deal at programme level. This will include detail on the how, what, and when reporting by the Project Delivery Leads and Project Authority Lead will take place.

Key actions include:

- Developing a robust baseline;
- Establishing monitoring and evaluation framework including key milestone and timescales for review;
- Set up quarterly meetings with Project Delivery Leads and Regional/Project Authority Leads to discuss progress;
- Regular performance reporting to Programme Board, Economic Strategy Board and Joint Committee.

All programme level reporting in relation to the City Deal and its associated projects will follow a process that has been agreed by the four local authorities. This is set out in the following chart:



SBCD Joint Scrutiny Committee

As set out in the Joint Committee Agreement, the Joint Scrutiny Committee will provide a scrutiny function to ensure greater public accountability over decisions made by the Joint Committee and any of its sub-committees and related entities. It has been agreed by the four Councils that Neath Port Talbot County Borough Council will be the lead authority to take responsibility for the scrutiny function responsibility and its administration.

The membership of the Joint Scrutiny Committee will consist of 12 members. Each of the Councils shall nominate three members for appointment to the Joint Scrutiny Committee. The member nominated by each Council shall be an elected member of that Council but shall not be a member of that Council's executive and shall not be a member of the Joint Committee. The Chair of the Joint Scrutiny Committee shall not be a member of the Council which is providing the Chair of the Joint Committee.

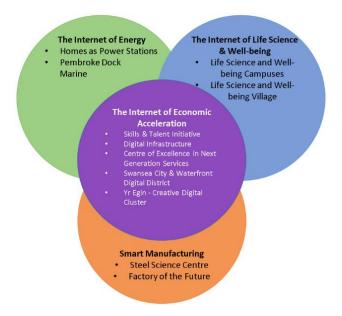
The role of the Joint Scrutiny Committee is to provide advice, challenge and support to the Joint Committee. The full terms and reference for the Joint Scrutiny Committee are set out in the Joint Committee Agreement.

The Joint Scrutiny Committee shall be required to:

- Review and scrutinise the Joint Committee's financial affairs;
- Review and assess the Joint Committee's risk management, internal control and corporate governance arrangements;
- Review and assess the economy, efficiency and effectiveness with which resources have been used;
- Make reports and recommendations to the Joint Committee in relation to the points in 1 and 3 above.

9.0 Swansea Bay City Deal Project Portfolio

The Swansea Bay City Deal comprises eleven projects across the four inter-related themes. Each thematic project has been developed to integrate with existing cluster strengths and infrastructure, supporting development of next generation services and products. In parallel, rollout of cutting-edge digital infrastructure will be accelerated to support exploitation of new technologies and capabilities. This will be underpinned by the Swansea Bay City Deal Skills & Talent Initiative that will be constantly attuned to emerging and evolving sectors' needs.



9.1 SBCD Theme - Internet of Economic Acceleration

Skills and Ta	lent					
Regional Project Authority Lead	Carmarthenshire County Council					
Project Delivery Lead	Carmarthenshire County Council					
Total Cost	£30,000,000 City Deal: £10,000,000					
Description	he Skills and Talent initiative, being led by the South West Wales Regional & Skills artnership, will be a key component in ensuring that local people and businesses have the ppropriate skills to benefit from each of the City Deal projects.					
Key Milestones	Activity			Date (using calendar year)		
	Business Case Development			_		
	Initial draft Business Plan for consider			Qtr3 2017		
	Initial draft Skills and Talent Business UKG/WG	Plan shared	with	Qtr4 2017		
	Final review of draft business case by			Qtr2 2019		
	Business Plan submitted to the 4 Cou			Qtr2 2019		
	Business case submitted to Economic and Joint Committee for Approval of tl UKG/WG	Qtr2 2019				
	UKG/WG approval of the release of Government Funding to the project			Qtr3 2019		
Risks	Description	Mitigation				
	Operational					
	Risk of partners disengaging from the	The structure and constitution of the City Deal and the robust Partnership within the RLSP. All partners are fully committed to the project and the size and number of partners from all sectors significantly reduces this risk. Only if a whole sector were to withdraw would this risk be classed as high.				
	new skills offer in the region/ identifying the key skills and ensuring that Welsh Government agree to include the courses within future					
	Project activity overlapping or duplicating existing provision within the region	_				

	Impleme	ntation					
	control of the project to deliver the stated activities and results						
		oes not meet SBCD project	the needs of s	Early engagement with each of the 10 SBCD Project Leads has taken place to map out skills need, and will continue alongside the design and delivery stages of each.			
				It is intended that management of all work detailed in the action plan will be subject to a regular, on-going process of performance review by the RLSP Board in order to maintain progress in relation to the projected outputs and timelines. Where required this will be reported through the SBCD Programme Governance Structure.			
	Financia						
	Significant changes to the match funding package Organisational and financial risks			The level of match funding levered will be monitored on a quarterly basis by the Project Delivery Lead and Project Local Authority Lead to ensure that it is line with the agreed financial profile.			
				This level of experience within the organisations involved in the Partnership is such that relatively high levels of knowledge, skills and experience in financial management and probity can be clearly demonstrated. Coupled with regular performance review will serve to minimise the financial risks associated with the project.			
Financial		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL (£)
Profile	Public	1,000,000	3,000,000	4,000,000	4,000,000	4,000,000	16,000,000
Note - these figures	Private	500,000	500,000	1,000,000	1,000,000	1,000,000	4,000,000
are subject to change during development and	City Deal	1,000,000	1,500,000	2,500,000	2,500,000	2,500,000	10,000,000
approval of the 5 case business model.	TOTAL (£)	2,500,000	5,000,000	7,500,000	7,500,000	7,500,000	30,000,000
Constraints	State Aid	rules as they	apply				
Dependencies			g from Welsh	Covernment f	or the DI CD		
Dependencies			e project from				

Digital Infras	Digital Infrastructure				
Regional Project Authority Lead	Carmarthenshire County Council				
Project Delivery Lead	Carmarthenshire County Council				
Total Cost	£55,000,000	City Deal	£25,000,000		

Description	 that will enable innovation and e Expand the provision of 4G and \u00bb the region 	The project will consist of three cted City. Together these componenting gigabit fibre and the establishments.	e elements namely: ts will: nent of 5G testbeds an and rural areas of	
Key Milestones	Activity		Date (using calendar year)	
	Business Case Development			
	Project Scope Set		Qtr1 2018	
	Tender for consultant to develop full 5 agreed scope / outline proposal	case business plan based on	Qtr3 2018	
	Consultant appointed to develop full 5 agreed scope / outline proposal	case business plan based on	Qtr3 2018	
	Initial draft version 5 case business pl	an shared with UKG / WG	Qtr4 2018	
	Final review of draft version business	Qtr1 2019		
	Business case submitted to 4 Council	Qtr2 2019		
		Q(12 2019		
	Business case submitted to Economic Board and Joint Committee for Appro UKG/WG	val of the project submission to the	Qtr2 2019	
	UKG/WG approval of the release of G	Sovernment Funding to the project	Qtr3 2019	
Risks Tbc - awaiting draft 5 case model	Description	Mitigation	,	
	Unsuccessful project delivery /Slippage in Project delivery	Experienced project management and project delivery team in place from the outset. Project Implementation Plan to be agreed by all partners. Established robust monitoring and evaluation framework at project development stage to ensure programme and project delivery remains within agreed timescales and to ensure that all targeted project outputs and outcomes will be achieved.		
	Lack of Commercial Confidence	Robust governance structure will need to in place fro the outset to carefully manage both governance ar commercial risks.		
	Project not sustainable	Project will develop a sustainable business model Ongoing dialogue with key government, public secto officers and private sector organisations key Sustainability is an integral part of this project and early engagement with operators/providers is embedded within the proposals.		
	Failure to secure full funding package	The digital plan will be implemented through a competitive tendering pro	ocess.	
	Non-compliance with State Aid Regulation and Public Procurement Rules	Use is made of existing compliant procuremen		
	Engagement/partnership with industry is unsuccessful.	Early engagement already taken sector and wider stakeholders as projects. Dialogue will be on-goir Dedicated Project Manager in place	part of City Dealing via the projects.	

Financial		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL (£)
Profile	Public						
Note - these figures	Private	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	30,000,000
are subject to change during	City	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000
development and	Deal						
approval of the 5	TOTAL	11,000,000	11,000,000	11,000,000	11,000,000	11,000,000	55,000,000
case business model	(£)						
Dependencies	The majority of this project is based around requirements of the other City Deal projects.						
	Roll-out of UK and Wales wide ICT policies and programmes.						
	Alignment with Superfast Cymru is an important requirement.						
	Engagement with service providers to gain an understanding of future plans and potential						
	opportunities for the SBCD and Digital Infrastructure proposals is vital.						
	The expectation is that the digital plan will be implemented through partner(s) through a						
	competitiv	ve tendering p	rocess.				-

Swansea City	& Waterfront Digital District						
Project Authority Lead	Swansea Council						
Project Delivery Lead	Swansea Council						
Total Cost	£174,673,000	City Deal	£50,000,000				
Description	The Swansea City and Waterfront Dig connectivity available within the regior facilitates the growth of high value ICI incubation space and co-working area enterprise; a new City Centre Busines conference facilities and major events	n, developing and digitally s for start-up s District and	a vibrant and prosperd enabled sectors. The s and small businesses a Digital Square and A	pus City Centre that project will include s alongside global			
Key Milestones	Activity	Date (using calendar year)					
	Business Case Development						
	Initial draft business case shared with UK/WG			Qtr4 2017			
	Final review of draft version business	/ WG	Qtr1 2019				
	Business case submitted to 4 Council		Qtr2 2019				
	Business case submitted to Economic Board and Joint Committee for Approv to the UKG/WG	Qtr2 2019					
	UKG/WG approval of the release of G	overnment F	unding for the project	Qtr3 2019			
	Project Development						
	Milestone Activity - Box Village						
	Planning Submission			Qtr2 2018			
	Detailed Design			Qtr3 2018			
	Tender and Contractor Procurement			Qtr3 2018			
	Construction			Qtr1 2019			
	Fit Out			Qtr4 2019			
	Completion and Occupation			Qtr4 2019			
	Milestone Activity - Innovation Pred	inct					
	Planning Submission			Qtr4 2019			
	Detailed Design			Qtr4 2019			

	Tour day and Combination Discours and		Ot-4 0000			
	Tender and Contractor Procurement		Qtr1 2020 Qtr4 2021			
	Construction					
	Fit Out	Qtr1 2022				
	Completion and Occupation		Qtr1 2022			
	Milestone Activity - Digital Village					
	Planning Submission	Qtr3 2018				
	Detailed Design		Qtr2 2018			
	Tender and Contractor Procurement		Qtr4 2018			
	Construction		Qtr3 2020			
	Fit Out		Qtr4 2020			
	Completion and Occupation		Qtr4 2020			
	Milestone Activity - Digital Square	& Arena				
	Outline planning consent granted		Qtr2 2017			
	End of Design Stage 2		Qtr4 2017			
	Arena Operator Contract Signed		Qtr1 2018			
	Contractor Procurement		Qtr3 2018			
	Construction		Qtr4 2020			
	Arena Opening		Qtr4 2020			
Risks	Description	Mitigation				
	Development					
	Failure to obtain relevant approvals	All approval processes for the projection				
		will be applied for with sufficient tim				
		timeline impacts. Dedicated tean	•			
		structure will further mitigate this ris				
		advice will be sought to ensure	e that all required			
	Failure to agree agreed an estimation	approvals are captured.				
	Failure to agree project specification	Project will continue to work exte				
		stakeholders to ensure that agreem is achieved as a priority before pro				
		further.	gressing the project			
	Commercial floor space and other		of the targeted			
	facilities do not meet the needs of					
	start-ups and tech based businesses					
	Start-ups and teen based businesses	evolving project delivers on key re-				
		stage, and to continuously moni	•			
		engage with the industry to ensu				
		appropriately met in the operation				
		ongoing basis.	onal phase on an			
	Financial	J. J. J. 1				
	Failure to secure funding package	Swansea Council and University	of Wales Trinity St			
		David funding is committed. Ensure				
		detailed business plan and financial				
		outset. Written letters confirming al	I sources of funding			
		to be in place at approval stage				
	Rise in construction costs	Ensure detailed costs are in place t	or the entire project			
		at the outset. Allow for a suitable co	ntingency. Detailed			
		tandar hida. Engura aynarianggal n				
		tender bids. Ensure experienced p	roject manager is in			
		place.	roject manager is in			
	Implementation	place.				
	Delays in construction programme/	place. Ensure project team in place using	recognised project			
		Ensure project team in place using management tools to enable the o	recognised project developments to be			
	Delays in construction programme/	place. Ensure project team in place using	recognised project developments to be proactively monitor			

				principal cor	ntractor to mi	nimise any di	sruption to the
				programme		•	
	Temporal	ry traffic mana	gement failing	route and a communicati the impact	applies appro ions to 1st Re on emerger	priate resourd sponders to ta acy services	of sensitivity of ces. Advance lke into account and providing raffic Team in a
					ner. Regular nation to Clien		rogramme and
	Operatio	nal					
		lities do not m -ups and	eet the needs	targeted indu the evolving every stage proactively e	ustries to estal project deliver. Project to engage with opropriately m	olish needs an vers on key ro o continuously the industry	embers of the d to ensure that equirements at y monitor and to ensure that tional phase on
	Lower tha	an expected de	emand	The project is and occupied In addition, p and success operational resource to	s working exters to ensure the project will be sefully mana phase. Prensure that	nat initial dema ocused on su ging the su oject to allo any period	otential tenants and is sufficient. pporting growth access of the acate sufficient of lower than
		provide know nercial opport	ledge transfer unities	expected demand is successfully bridged The University to adequately resource teams to ensure that knowledge transfer and the development of commercial opportunities are given adequate priority in terms of delivery			
	and the	wider econor usiness creation	perty aspects nic needs to on and growth	wide range of understand also designe	of the public a demand in th	ind private se e market. The current and	nsultation with a ctor partners to e schemes are future needs of
Financial		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL (£)
Profile	Public	18,851,311		18,851,312			94,256,558
Note - these figures are subject to	Private	4,780,000	4,780,000		4,780,000	4,780,000.	23,900,000
change during development and	City Deal	3,609,010	3,163,912	10,917,362	20,077,641	12,232,075	50,000,000
approval of the 5 case business model	TOTAL (£)	27,240,321	26,795,223	34,548,674	43,708,953	35,863,387	168,156,558
Dependencies	Planning This proje		of the overall S	Swansea Cen	tral regenerat	ion plan.	

Yr Egin - Crea	ative Digital Cluster						
Project	Carmarthenshire County Council						
Authority Lead	,						
Project	University of Wales: Trinity Saint Dav	id					
Delivery Lead							
Total Cost	£24,294,000	City Deal £5,000,000					
Description	key anchor tenant alongside other dig create a clustering effect which will cre economy of Wales. This development	Tr Egin will create a digital and creative industry cluster in Carmarthen, joined by S4C as the sey anchor tenant alongside other digital and creative media SMEs as tenants. The centre will create a clustering effect which will create major and positive change to the creative and digital economy of Wales. This development will include business accelerator facilities, incubation, as well as shared spaces for interaction between each of the tenants, driving entrepreneurial development					
Key Milestones	Activity		Date (using				
	Pusings Coss Pavalanment		calendar year)				
	Business Case Development	lon abored with LIVC / MC	Otr4 2017				
	Initial draft version 5 case business p Final review of draft version business		Qtr4 2017 Qtr4 2018				
	Business case submitted to the Coun		Qtr1 2019				
	Business case submitted to Economic		Qtr1 2019				
	Board and Joint Committee for Appro						
	UKG/WG approval of the release of C project	Qtr1 2019					
	Project Development						
	Phase 1 Practical Completion of Con-	Qtr3 2018					
	Phase 2 Procurement of Multi-Dis De Stage 3	Qtr4 2018					
	Phase 2 Stage 1 ECI contractor appo	Qtr4 2018					
	Phase 2 RIBA Stage 3 Sign off	Qtr2 2019					
	Phase 2 RIBA Stage 4 Detailed Design Discussions	Qtr2 2019					
	Phase 2 Planning Submission		Qtr3 2019				
	Phase 2 Stage 2 Contractor Appointm	nent	Qtr3 2019				
	Phase 2 Commencement of Construction	ction	Qtr4 2019				
	Phase 2 Fit Out		Qtr1 2021				
	Phase 2 Practical Completion and Oc	ccupation	Qtr1 2021				
Risks	Description	Mitigation					
	Development						
	Failure to agree project specification	nsively with all key occupiers to ensure achieved as a priority ther.					
	Failure to deliver the wider benefits identified in the business case	uation Plan to set out in the Project Lead is wider benefits as set for Yr Egin. Project M funding is released to to the Regional Office I Authority Leads to					

				highlight all milestones.	changes to	o outputs,	outcomes and		
	Implemer	ntation		milestories.					
		obtain releva	nt approvals	All approval processes for the project will be identified and approvals will be applied for with sufficient time to prevent project timeline impacts. The University's existing dedicated team and organisation structure will further mitigate this risk.					
	Delays in	construction	orogramme	This is in 2 phases, the first of which must be completed as a priority to satisfy S4C's timescales. This 2-phase approach will reduce the risk of delays & enable a focus on delivering Phase 1. University to work closely with delivery partner for Phase 2 to ensure that any delays in construction programme are mitigated and avoided.					
	Skills and project de		es in terms of	s of The core project delivery team has been specifically appointed and retained to ensure that enough skill and capacity is available to deliver the Yr Egin project. The University will appoint third party specialists as required and will ensure that the project procurement process is competitive to encourage suppliers to engage.					
	Operation	nal		•					
	Lower tha	n expected d	emand	The University has already seen a strong uptake with lettable space in Phase 1 and will work extensively to engage with prospective tenants for Phase 2. The University to also continuously review rent and service charge costs to ensure that Yr Egin remains highly competitive					
		provide know nd commercia ties		The University has extensive experience and expertise in both knowledge transfer and the development of commercial opportunities. The University will adequately resource teams to ensure that both of these aspects are given adequate priority in terms of delivery.					
	Failure to	meet industry	needs	The Universit ensure that requirements	y has underta the Yr Eg of the i to be under	ken extensive in project v ndustry. Ke taken extens	consultation to vill match the y stakeholder ively to ensure		
	Financial								
	Failure to	secure fundir	ng package	financial pro	file is in plac Il sources of	ce at outset.	siness plan and Written letters be in place at		
	Rise in co	Rise in construction costs			Construction cost increases have been adequate anticipated through the use of third party experts and whose integrated throughout the cost estimations for Egin. The University will continue to provide adequate contingency for any unexpected increases.				
Financial		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL (£)		
Profile	Public	11,294.000	1,250.000	1,250.000	1,250.000	1,250.000	16,294,000		
Note - these figures are subject to	Private	£3,000,000	£0	£0	£0	£0	3,000,000		
change during development and	City Deal	£0	1.250.000	1.250.000	1.250.000	1.250.000	5,000,000		
approval of the 5	TOTAL	14,294,000	2,500,000	2,500,000	2,500,000	2,500,000	24,294,000		

case business model	(£)				
Dependencies	Planning	consents			

Centre of Excell	ence in Next Generation Services (C	ENGS)					
Project	Neath Port Talbot County Borough Co	ouncil					
Authority Lead							
Project	Neath Port Talbot County Borough Co	ouncil					
Delivery Lead	, .						
Total Cost	£55,500,000						
Description	CENGS will provide a data analytics of						
	commercial systems and solutions, e						
	The Centre will operate from a purpose built facility which will offer incubation, laboratory and 2 nd stage space and will bridge the gap between research and innovation and the ability to						
				ion and the ability to			
Vov Milestones	launch, develop and grow commercia	i opportunities	S.	Data (using			
Key Milestones Tbc - awaiting draft	Activity			Date (using calendar year)			
5 case model	Business Case Development			calelidal yeal)			
	Initial draft business case shared with	UKG / WG		Qtr4 2018			
	Final review of draft version business	s / WG	Qtr2 2019				
	Business case submitted to the Coun	Qtr2 2019					
	Business case submitted to Economic	Qtr3 2019					
	Board and Joint Committee for Appro	Q 0 = 0 . 0					
	the UKG/WG						
	UKG/WG approval of the release of G	Qtr3 2019					
	Project Development						
	WEFO match funding confirmation re-		Qtr1 2018				
	Finalise project Tender Brief & Tende	ion	Qtr1 2018				
	Two stage procurement exercise to co	ommence		Qtr4 2018			
	Construction (contractor start - end)			Qtr2 2019 –			
				Qtr2 2020			
D: 1	Construction Completion and building			Qtr1 2020			
Risks Tbc - awaiting draft	Description	Mitigation					
5 case model	Development	T					
	The proposed facilities do not meet						
	the needs of start-ups and RD&I	appropriate	to end users, with flex	ibility of design.			
	businesses						
	Operational	F. dathan and	l minalina damandal	mander identified and			
	Unable to secure tenants to occupy the facility		d pipeline demand al				
			On-going engageme proposed facility and				
	Financial	auvortise tric	proposou idoliny driu	i diddtoi.			
	Failure to secure funding package	Ensure cred	ible and robust details	ed business plan and			
		financial pro	ofile is in place at or	utset. Written letters			
		confirming a	all sources of funding				
		approval sta	ge				

	Revenue	implicatio	ns post	Operational bu			Anticipated	
	completion Implement	otion		self-sustaining	after 5 years.			
	•		المسائد مناها	Time also assessed				
	,	procuring o	r delivering	•	gement of	contractor a	nd realistic	
	contract			programme de				
	Project ou	tputs / out	tcomes not	Benefits realisation	ation plan in d	evelopment.		
	achieved							
	Resource in	nplications of	delivery	Experienced project team in place with additional				
			-	project manager to be appointed.				
Financial	Capital & R	Revenue						
Profile	_	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL(£)	
Note - these figures	Public	0	3,000,000	0	2,500,000	0	5,500,000	
are subject to change during	Private	2,000,000	3,500,000	5,750,000	6,750,000	9,000,000	27,000,000	
development and	City Deal	2,500,000	6,500,000	4,750,000	5,250,000	4,000,000	23,000,000	
approval of the 5	Total	4,500,000	13,000,000	10,500,000	14,500,000	13,000,000	55,500,000	
case business model	(£)							
Dependencies	Planning co	nsents						

9.2 SBCD Theme - Internet of Life Science and Well-being

Life Science a	and Well-being Campuses								
Project Authority Lead	City and County of Swansea								
Project Delivery Lead	Swansea University	Swansea University							
Total Cost	£45,000,000	City Deal	£15,000,000						
Description	Life Science initiative, providing a wor secondary/tertiary clinical, research a with a life science innovation hub beir	The Life Science and Wellbeing Campus project will build upon the successful Institute of Life Science initiative, providing a world-class integrated research & business incubator/park secondary/tertiary clinical, research and trials environment, and skills development centres with a life science innovation hub being created in a hospital setting. This will strengthen the region's capacity to commercialise research, attract additional inward investment, and							
Key Milestones Tbc - awaiting draft	Activity			Date (using calendar year)					
5 case model	Business Case Development								
	Review of Outline Business Case			Qtr1 2018					
	Completed options appraisal			Qtr1 2018					
	Draft Full Business Case			Qtr2 2018					
	Partner Review of FBC			Qtr2 2018					
	Initial draft version 5 case business p			Qtr3 2018					
	Final review of draft version business	•	/ WG	Qtr1 2019					
	Business case submitted to the Coun			Qtr2 2019					
	Business case submitted to Economic			Qtr2 2019					
	Board and Joint Committee for Appro the UKG/WG	val of the proje	ect submission to						

	approval of the							
	evelopment &	& Delivery		<u> </u>		3 2019		
			ndertaken		Qtr	2 2017		
				assessment		1 2018		
						3 2018		
						3 2018		
			ing estate in r	artnership		3 2018		
						3 2018		
		g, us.s.sp		o,		<u> </u>		
2000			iguo					
Development								
				r engageme	nt with kev			
					J			
Delay in	Swansea	University	Reviewed	at SU proj	ect develop	ment board		
decision	making ar	•	regularly.	. ,	•			
governanc	e procedures							
Procureme	ent delays		Make use of	existing proc	urement fram	eworks.		
Appropriateness of partnering Make use of existing procurement frameworks.					eworks.			
arrangements								
Operation	al							
Project fa	ils to meet	City Deal	Project M&E Plan in place at project start. Regular					
outputs		-	review and monitoring - IoHWB leadership.					
Operation	of new	facilities -	Integrate with existing operations.					
laboratory	environments	3						
Failure 1	o secure	commercial	End User discussions taking place.					
tenants								
Financial								
Failure to	secure funding	g package						
				•	irces of fund	ling to be in		
						Total (£)		
				-		20,000,000		
						10,000,000		
City Deal	2,500,000	2,500,000	5,000,000	5,000,000	0	15,000,000		
TOTAL	9,500,000	14,500,000	12,000,000	7,000,000	2,000,000	45,000,000		
(£)								
	`oncont							
riannind (JOHSEHI							
	Initial pre-of Modelling Predevelo Prior inforr Establish i Establish i Description Developm Failure to to project of the project of the propertion of the project of the	Initial pre-development a Modelling of growth of a Predevelopment study of Prior information notice Establish initial skills zon Establish initial technolo Description Development Failure to ensure stakento project concept Delay in Swansea decision making ar governance procedures Implementation Procurement delays Appropriateness of arrangements Operational Project fails to meet outputs Operation of new laboratory environments Failure to secure tenants Financial Failure to secure funding 2018/19 Public 5,000,000 Private 2,000,000 City 2,500,000 Deal TOTAL 9,500,000	Modelling of growth of activity – need Predevelopment study complete Prior information notice issued Establish initial skills zone within exist Establish initial technology development Description Development Failure to ensure stakeholder buy-in to project concept Delay in Swansea University decision making and internal governance procedures Implementation Procurement delays Appropriateness of partnering arrangements Operational Project fails to meet City Deal outputs Operation of new facilities – laboratory environments Failure to secure commercial tenants Financial Failure to secure funding package 2018/19 2019/20 Public 5,000,000 10,000,000 Private 2,000,000 2,500,000 City 2,500,000 2,500,000 Private 9,500,000 14,500,000 TOTAL 9,500,000 14,500,000	Initial pre-development assessment undertaken Modelling of growth of activity – need and demand a Predevelopment study complete Prior information notice issued Establish initial skills zone within existing estate in p Establish initial technology development space with Description Development Failure to ensure stakeholder buy-in to project concept Delay in Swansea University decision making and internal governance procedures Implementation Procurement delays Appropriateness of partnering arrangements Operational Project fails to meet City Deal outputs Operation of new facilities – laboratory environments Failure to secure commercial tenants Financial Failure to secure funding package 2018/19 2019/20 Public 5,000,000 Private 2,000,000 2,000,000 2,000,000 City 2,500,000 14,500,000 12,000,000 12,000,000 12,000,000 12,000,000 TOTAL 9,500,000 14,500,000 12,000,000	Initial pre-development assessment undertaken Modelling of growth of activity – need and demand assessment Predevelopment study complete Prior information notice issued Establish initial skills zone within existing estate in partnership Establish initial technology development space within existing est Description Mitigation Development Failure to ensure stakeholder buy-in to project concept Delay in Swansea University decision making and internal governance procedures Implementation Procurement delays Appropriateness of partnering arrangements Operational Project fails to meet City Deal outputs Operation of new facilities – laboratory environments Failure to secure commercial tenants Financial Failure to secure funding package 2018/19 2019/20 2020/21 2021/22 Public 5,000,000 10,000,000 5,000,000 0 Private 2,000,000 2,000,000 2,000,000 0 Private 2,500,000 2,500,000 5,000,000 5,000,000 Deal TOTAL 9,500,000 14,500,000 12,000,000 7,000,000 (£) Total 12,000,000 (£) Total 12,000,000 7,000,000 (£) Total 12,000,000 (£) Total	Initial pre-development assessment undertaken Qtr		

Life Science a	and Well-being Village							
Project Authority Lead	Carmarthenshire County Council							
Project Delivery Lead	Carmarthenshire County Council							
Total Cost	£199,500,000 C	ity Deal £40,000,000						
Description	The Llanelli Life Science and Wellbeing Village aims to deliver transformational social and economic benefits through delivering the full scope of integration between business development, education, wellness initiatives, research and development and healthcare initiatives. The project will create a physical hub in Llanelli comprised of an institute of life science, a wellness hub, a variety of high quality flats and houses, a care home, a life science and well-being centre a leisure centre and a high end wellness hotel. The village will provide space for research and development of new medical devices and healthcare technologies alongside opportunities for training, service provision and recreation. The requirements for this are being developed in conjunction with partners such as health boards and universities.							
Milestones	Activity	Date (using calendar year)						
	Business Case Development							
	Initial draft business case shared with UKO	Qtr4 2017						
	Final review of draft version business case	Qtr4 2018						
	Business case submitted to the Council		Qtr1 2019					
	Business case submitted to Economic Stra Board and Joint Committee for Approval of to the UKG/WG	Qtr1 2019						
	UKG/WG approval of the release of Gove	Qtr1 2019						
	Project Development							
	Phase 1							
	Undertake preparatory works on-site		Qtr2 2017					
	Competitive Dialogue procurement exercise	se complete	Qtr1 2018					
	Collaboration Agreement signed	Qtr3 2018						
	Phase 2							
	Launch public exhibition	nin a\	Qtr3 2017					
	Pre-Application Consultation (Outline Plan Submission of outline planning	ning)	Qtr1 2018 Qtr1 2018					
	Partner consultations on service change p	ronosals	From Qtr1 2018					
	Phase 3	ТОРОЗСІЮ	110111 Qui 1 2010					
	Establish JV governance structure		From Qtr2 2018					
	Appoint a Development Partner		Qtr3 2018					
	Finalise business/service plans		From Qtr3 2018					
	Commence building works		Qtr1 2019					
	Phase 4		1					
	Services / businesses setting up on site (F	Qtr1 2021						
	'Soft launch' (Phase 1)	Qtr1 2021						
Risks	Post Implementation Review Description	Mitigation	Qtr3 2021					
	011 DI							
	Site Planning – environmental, ecological,	External consultants have						
	land and other infrastructure planning	undertake a range of envir						
	issues could, potentially delay the project	anning application ction required.						

	or as a	worst case sessation	scenario resu	It in				
		Partner communication and understanding Revenue streams				A full Communications and Engagement Strategy has been prepared, which prescribes early and frequent public involvement in the development of the Village and wherever a change to existing service configuration is proposed. Engagement will continue in line with both statutory and best practice guidelines.		
	Nevenue					Business planning is underway with the Health Boards to achieve a revenue neutral solution with a projection of revenue savings over the 15 year City Deal programme.		
	Failure to achieve a whole site vision to maximise benefits the Village aims to combine skills and training, with business development, research and health initiatives.				The complexity of the aims and the range of partners required to develop this integrated network brings with it significant challenges. The Project Board and PMO to ensure that private, public and third sector partners are engaged and that opportunities for joint working and facilities provision are maximised.			
	modern,	rovision - inal sustainable wo vice specificati	orkforce; to de		Accredited training programmes developed onsite will proactively interface with schools and colleges (for example, Destination NHS) and will be designed to meet the needs for modernised work programmes and provide a retained and sustainable health workforce.			with schools tination NHS) the needs for and provide a
	Revenue streams				Business planning is underway with the Health Boards to achieve a revenue neutral solution with a projection of revenue savings over the 15 year City Deal programme.			
Financial		2018/19	2019/20	20	20/21	2020/21	2022/23	TOTAL(£)
Profile	Public	13,000,000	12,000,000	7,	000,000	0	0	32,000,000
Note - these figures	Private	15,000,000	63,500,000		000,000	7,000,000	0	127,500,000
are subject to change during development and	City Deal	8,500,000	15,000,000	Í	500,000	0	0	40,000,000
approval of the 5 case business model	TOTAL (£)	36,500,000	90,500,000	65,	500,000	7,000,000	0	199,500,000
Dependencies	This proje Llanelli. Planning	ect forms part o	of the overall r	ew Li	fe Sciend	ce & Well-be	ing Village in	Delta Lakes,

9.3 SBCD Theme - Internet of Energy

Homes as I	Power Stations					
Regional Project Authority Lead	Neath Port Talbot County Borough Council					
Project Delivery Lead	Neath Port Talbot County Borough Coun	cil				
Total Cost	£517,050,000	City Deal:	£15,000,000			
Description:	The project will create a new industry based around innovative and sustainable energy generation, combined with storage and efficiency. New technologies developed will be applied within the region, allowing homes and buildings to generate, store, and release their own energy. The project will undertake a new house building programme and retrofit programmes which will utilise such technologies whilst developing new supply chains in this sector. The project will also address fuel poverty, which remains a persistent challenge for many communities across the region. The project will also focus on broadband Internet connections and smart metering, with support from the Digital Infrastructure project.					
Milestones Tbc - awaiting	Activity			Date (using calendar year)		
draft 5 case	Business Case Development			, ,		
model	Initial draft Strategic Case shared with Ro		Qtr3 2018			
	Initial draft business case shared with Uk			Qtr3 2018		
	Final review of draft version business case		G.	Qtr3 2019		
	Business case submitted to the 4 Counci		<u> </u>	Qtr3 2019		
	Business case submitted to Economic St		Programme Board	Qtr3 2019		
	and Joint Committee for Approval of the UKG/WG	• • • • • • • • • • • • • • • • • • • •	• •			
	UKG/WG approval of the release of Gove	ernment Fundii	ng to the project	Qtr1 2020		
	Project Development					
	Regional Stakeholder Workshops			Qtr1 2018		
	Regional Local Authority Steering and Workington activity at scale	orking establish	ed to coordinate the	Qtr2 2018		
	Regional Social Landlord engagement			Qtr4 2017		
	Initiated pathfinder/proof of concept deve			Qtr4 2017		
	Planning approved for Hafod Site - due t			Qtr3 2018		
	Consultants engaged to assist in develop model	case business	Qtr2 2018			
Risks Tbc - awaiting	Description	Mitigation				
draft 5 case	Development	1				
model	Land costs and availability	Project to ens	sure that local authori	ties provide a land		
	Supply chain development	Robust supp	ly chain strategy and plan in place.	on-going industry		

	Approved	l design specif	ication				olementation of ed design stan		
	Operatio	nal							
	Supply ch	nain capacity a	nd capability		Robust supply chain strategy and on-going industry engagement plan to be in place.				
	Appropria	ate land availat	oility				rities provide a	sizeable land	
	Not achie	ving new build	targets		Ensure effective programme planning.				
	Insufficier programm	nt capacity ne	to deliver tl	ne	Ensure th	at the right levice -experience robust s	vels of skills ared regional pro	nd experience	
	Financia	l							
	Failure to	secure fundin	g package		and finar	Ensure credible and robust detailed business plan and financial profile is in place at outset. Written letters confirming all sources of funding to be in place at approval stage			
	Significant changes in the fundi package, including public and priva sector match funding.				Ensure of through s project a associate monitored	commitment of signed partner pproval stage d match fur	of match function funding letter that the deliver inding comportions to ensure incial profile.	s in place at y profile and nents to be	
	Impleme	ntation					•		
		ility of HAPs gramme timefra		ity	Detailed time bound project delivery proposals for HAPs to be set out in the 5 case business model				
	Slippage procurem	including ent / delivering	,	in	All work detailed in the programme plan will be subject to a regular, on-going process of performance review. The benefits realisation plan will also be monitored and reviewed on a regular basis.				
		management ctivities and re		пе	Dedicated be appoin	nted at the out	gement and de tset of the proj n of the prograi	ect to ensure	
	Complex	nature of retro	fit		Robust a	nd detailed ir be formulated	nplementation to ensure that each is set in pl	and delivery an approved	
Financial		2018/19	2019/20	;	2020/21	2021/22	2022/23	TOTAL (£)	
Profile	Public	6,425,000	14,075,000		22,950,000	31,900,000	43,800,000	119,150,000	
Note - these	Private	23,075,000	47,675,000	7	73,050,000	102,600,000	136,500,000	382,900,000	
figures are subject to change during	City Deal	2,900,000	4,400,000		4,400,000	3,000,000	300,000	15,000,000	
development and approval of the 5 case business model	TOTAL (£)	32,400,000	66,150,000		00,400,000	137,500,000	180,600,000	517,050,000	
Depend- encies		y of sizeable lo Consents	ocal authority	and	d banks acr	oss the region			

Pembroke Dock							
Project Authority Lead	Pembrokeshire County Council						
Project Delivery Lead	Milford Haven Port Authority						
Total Cost	£76,320,001	City Deal £28,000,000					
Description	The project will involve the development of a marine energy test area utilising the deep port of Milford Haven, an energy engineering centre of excellence, and a wave energy demonstration zone. By creating a cluster of resources, knowledge, and capabilities, Pembroke Marine will accelerate technology development, enhancing the sector's success and ensuring continued investment and development in test sites on a regional, Welsh and UK scale.						
Milestones Tbc - awaiting revised	Activity		Date (using calendar year)				
business case	Business Case Development		1 2				
	Initial draft business case shared		Qtr4 2017				
	Revised business case shared wit		Qtr3 2018				
	Final review of draft version busine		Qtr1 2019				
	Business case submitted to the Co		Qtr1 2019				
	Business case submitted to Econo Board and Joint Committee for Ap to the UKG/WG	Qtr2 2019					
	UKG/WG approval of the release of project	Qtr3 2019					
	Project Development						
	Amion Consultants engaged to de	Qtr1 2018					
Risks Tbc - awaiting revised business case	Description	Mitigation					
business case	Development & Delivery						
	One or more of the 4 PDM project partners withdraws from the project the project Memorandum of Understanding/SLA to be signed to each of the 4 project partners and to be in place to the outset of the PDM project - this document to be approved by the Project Authority Lead. Funding Approval letter in place between Project Lead and Project Authority Lead.						
	Development						
	Environmental/ecological/	Project to appoint specialist plan	ning consultant to				
	archaeological constraints	work with relevant planning/consenting agencie and ensure any findings and necessary mitigatin measures are incorporated into outline plannin application report					
	Implementation						
	Deliverability of PDM within the City Deal programme timeframe.	ery proposals for an analysis of the second					
	Delay/failure to secure required consents	model. d Early engagement with consenting authorities key stakeholders Project to appoint speci consultants where appropriate. Ensure key con milestones and interdependencies are include project schedule and monitored closely. Project					

		Failure to ensure stakeholder buy-in to project concept			carry out comprehensive surveys, where appropriate, and include findings and necessary mitigating measures in consent applications Project engaging with local community through public exhibitions, liaison groups etc., to ensure that				
					stakeholders are fully informed of impacts and there is opportunity for concerns to be addressed where possible.				
		Operational							
		Failure to attra	end/		•	ndertake marke tify end user req			
		Financial							
		package a			Ensure credible and robust detailed business plan and financial profile is in place at outset. Written letters confirming all sources of funding to be in place at approval stage				
		Increase in design and construction costs Ensure detailed costs in place for the all of this project. Prepare Tender in line budgets. Ensure project manager is in outset. Allow for a suitable continger financial profile.				e with agreed in place from			
Financial		2018/19	2019/20	20	20/21	2021/22	2022/23	TOTAL (£)	
Profile	Public	,480,000	4,480,000	4	,480,000	4,480,000	4,480,000	22,400,000	
Note - these	Private	5,184,000	5,184,000	5	,184,000	5,184,000	5,184,001	25,900,001	
figures are subject to change	City Deal	5,600,000	5,600,000	5	,600,000	5,600,000	5,600,000	28,000,000	
during development and approval of the 5 case business model	TOTAL (£)	152,640,000	152,640,000	152	640,000	152,640,000	152,640,001	76,320,001	
Constraints State Aid Rules									
Dependencies There are 4 elements to this project, each led by a different org ERDF funding for PDI, MEECE, & PDZ. Planning Consents				nt organisation.					

9.4 SBCD Theme - Smart Manufacturing

Factory of the Future						
Project Authority Lead	Neath Port Talbot County Borough Council					
Project Delivery Lead	Swansea University					
Total Cost	£23,521,686	City Deal	£10,000,000			
Description	This initiative will support inward investment in leading edge technologies and harness the opportunities associated with a digital manufacturing revolution. Informed by industry 4.0 principles, and supported by world class industrial innovators, this initiative will put the					

	region and its enterprises at the forefront of this digital and data based manufacturi							
l	movement creating a regional integrated manufacturing ecosystem making use of the hub-							
	spoke model and digital infrastructure improvements to connect spokes to a main hub based							
l	in Swansea University.							
Key Milestones	Activity					Date (using dar year)	
l	Business	Case Develo	pment					
	Initial draft business case shared with UKG / WG						018	
	Final review of draft version business case by UKG / WG						019	
		case submitte				Qtr1 2	020	
	Business	case submitte	ed to Econor	nic Strategy Bo	ard, Progran	nme Qtr2 2	020	
		d Joint Commi		oval of the proj				
	UKG/WG	approval of	the release	of Governmen	t Funding to	the Qtr2 2	020	
	project				J			
	Project D	evelopment						
	Finalise lo					Qtr3 2	018	
		project desig	ns			Qtr3 2		
		ent process c		uild		Qtr3 2	018	
	Contracto	or appointed				Qtr3 2	018	
l	Commend	ce building wo	rk			Qtr2 2	019	
l	New Cent	tre Opens				Qtr3 2	020	
Risks Tbc - awaiting	Description Mitigation							
revised business	Developr	nent						
case	Delay ir consent.	n planning	conditions/	Early engagement with stakeholders and consent authorities to raise any issues early on.				
		procurement o	f contractor	Utilise existing procurement frameworks. Early				
		or o car o morne o		engagement				
				may cause delay and require specialist input. Monitor and review progress of contractor through his				
l	procurement process.						J	
l	Operational							
	Centre does not suit end-user Regular design n				n meetings ir	nvolving end-u	users at initial	
	needs			design and fit-out stage. Early identification of supply				
	chain.							
	Financial							
	Failure to	secure fundin	ig package	ible and robust detailed business plan				
				and financial profile is in place at outset. Writter				
l				letters confirming all sources of funding to be in place				
				at approval st				
Financial		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL (£)	
Profile Note - these figures	Public	694,577	2,019,078	2,753,095	2,408,787	2,428,086	10,303,623	
are subject to	Private	0	450,000	900,000	922,500 661,852	945,563	3,218,063	
change during City 3,217,011 2,314,300 043,710 0						1,160,447	10,000,000	
development and	Deal TOTAL	5,911,588	4,784,058	4,298,805	3,993,139	4,534,096	23,521,686	
approval of the 5 case business model	(£)	J,311,300	4,704,036	4,230,000	১, বখ১,।১খ	4,334,090	23,321,000	
Dependencies	Planning	Consent		1				
Pehelinelinies	I IUIIIIII							

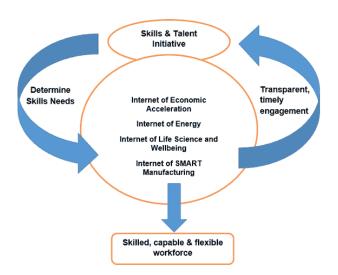
Steel Science								
	Neath Port Talbot							
Project	Neath Port Taibot							
Authority Lead								
Project Delivery	Swansea University							
Lead								
Total Coat	690,000,000	City Dool	COO 000 000					
Total Cost	£80,000,000	City Deal	£20,000,000					
Description	This project will lead to the creation of The National Steel Innovation Centre (NSI							
	Neath Port Talbot Unitary Authority							
	for the development of innovative		•	• •				
	collaboration between co-located ir		•					
	will create a sustainable Steel Indu							
	opportunity for innovation and res struggle to resource intensive PhD-							
	research to the market place.	ievei academic res	earchers, and and	w them to bring this				
Key Milestones	Activity			Date (using				
Tbc - awaiting 5	riouvity			calendar year)				
case model	Business Case Development			, ,				
	Initial draft version 5 case business	plan shared with l	JKG / WG	Qtr4 2018				
	Final review of draft version busine	ss case by UKG / \	NG	Qtr4 2019				
	Business case submitted to the Co			Qtr1 2020				
	Business case submitted to Econor			Qtr2 2020				
	Board and Joint Committee for App	proval of the projec	t submission to					
	the UKG/WG	Ot=0 0000						
	UKG/WG approval of the release o	Qtr2 2020						
	project Project Development							
	Finalise location	Qtr3 2018						
	Formalise project designs	Qtr3 2018						
	Procurement process commences	Qtr3 2018						
	Contractor appointed	Qtr3 2018						
	Commence building work	Qtr2 2019						
	New Centre Opens	Qtr3 2020						
Risks	Description	Mitigation						
Tbc - awaiting 5 case model								
case model	Developmental	T = 10 0						
	Plans not approved			to understand any				
				process. Engage				
	planning specialists to make sure plans are in accordance with planning laws.							
	Unable to acquire suitable land Ensure alternative solutions are developed us							
	existing options.							
	No suitable procurement bids Ensure in-depth planning and specification, and							
	consult with market prior to commencement of tender							
	process.							
	Operational Risks							
	Revenue falls below plan Develop engagement plan with key industry							
	stakeholders to share success and encourage industry memberships. Seek funding opportunities							
	through collaboration.							
	through collaboration.							

	Industry consolidation			Continue to monitor the sector and understand developments and adjust centre operations and research focus to best suit industry requirements.			
	Financial Risks						
	Failure to secure funding package			Ensure credible and robust detailed business plan and financial profile is in place at outset. Written letters confirming all sources of funding to be in place			
	D : 1			at approval s			
	Project overspend			Develop detailed project plans, ensure costed items are agreed by all key stakeholders. Hold regular budget review meetings to ensure visibility of spend at all times and early intervention if budget is in danger of being exceeded.			
Financial		2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL (£)
Profile	Public	12,000,000	12,000,000	16,000,000	20,000,000	0	60,000,000
Note - these figures	Private	0	0	0	0	0	0
are subject to change during development and	City Deal	7,000,000	7,000,000	6,000,000	0	0	20,000,000
approval of the 5 case business model	TOTAL (£)	19,000,000	19,000,000	22,000,000	20,000,000	0	80,000,000
Dependencies	Planning (Consent					

10.0 Interdependencies & Project Synergies

10.1 Interdependencies

Interdependence 1 - The SBCD Skills and Talent Initiative Project & The Internet Coast



The aim of the City Deal proposal is to create an uplift in GVA closing the ever-increasing gap between regional and national averages. In order to achieve this, the development of a workforce that is capable, responsive and skilled is key. The 11 projects share this commonality in objective and each will create opportunities for the regions current and future workforce.

The Skills and Talent Initiative will be instrumental in determining the skills needs of the 10 remaining projects and, in turn, will support regional education providers to deliver the skills solutions required. It is anticipated that skills will broadly be required in, but not limited to, the areas of ICT and digital, health and manufacturing and engineering, aligning closely to the four themes of the SBCD programme. There will be opportunities for the transferability of skills between projects and therefore across the region, creating a thriving talent base.

Undeniably, underpinning each of the projects, therefore, is skills and talent, a theme that runs strongly throughout and which will determine the overall success of the City Deal Programme. The right people with the right skills, available in the region at the right time is the most important consideration and challenge for the City Deal. Without a strong, capable and flexible workforce the SBCD projects would struggle to deliver the programme outcomes and therefore not have the transformational effect it aims to achieve.

A further key determinant of success is the preparedness and capability of future generations to capitalise on the opportunities presented by the proposal. The Skills & Talent Initiative recognises that it is essential that younger generations are well-informed, creating a sustainable pipeline of talent which is ready and able to support and further develop the future economy of the Swansea Bay City Region.

It is therefore the intention of the Skills & Talent Initiative to foster the themes of entrepreneurship and digital innovation given their strategic importance to the Swansea Bay City Deal Programme, and to work with key stakeholders to align provision to these key themes. As such, these two areas will be focussed on in schools and, increasingly so, in further and higher education institutions.

In addition, there is opportunity for synergy in terms of skills between the four themes at a more specific level: namely, Energy, Life Science & Wellbeing and Smart Manufacturing are of critical strategic importance in their own right, but through the City Deal they are interconnected and mutually supportive.

The 21st Century is a multidisciplinary age transcending sectors and the majority of innovative solutions to the most pressing challenges reside in the collision of disciplines. The further and higher education institutions operating within the region already have an exemplary offer of provision within these areas. Aligning their offer more closely to the specific needs of the City Deal and identifying where there are opportunities for multi-disciplinary teaching will create skilled individuals with the transferable skills needed to work across the region.

Interdependence 2 - The Internet of Economic Acceleration and its Constituent Projects

The proposal and its constituent projects are built on a solid foundation characterised by an advanced digital infrastructure. A lack of an effective and reliable next generation digital infrastructure will hinder the development and exploitation of new technologies and capabilities which could negatively impact and hinder the success of key projects. The level of interdependency varies across the projects with some relying on digital elements more than others.

Primarily, the successful implementation of the Digital Infrastructure project will allow for the establishment of 5G testbeds that will enable innovation and entrepreneurship, themes which are especially crucial for the Centre of Excellence in Next Generation Services, Yr Egin and the Swansea City and Waterfront Digital District. A lack of these testbeds would create significant barriers to the attraction and retention of the talent, businesses, key industry leaders and inward investment to the area which are crucial to the success of those projects.

Interdependence 3 - The Internet of Economic Acceleration and the Internet of Energy

An innovative digital infrastructure is particularly pertinent for the Homes as Power Stations project. Imperative to the proposal is the utilisation of the internet to create innovative and sustainable energy generation combined with storage and efficiency, this will be supported by the use of smart metering. The effective use of smart metering is integral to the proposal as it will allow users to manage their own usage and assist in the measurement of the efficiencies achieved within the region both at a personal and national level.

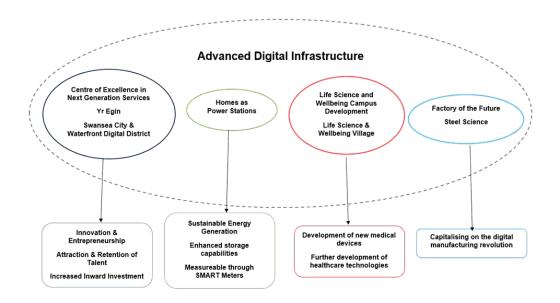
Interdependence 4 - The Internet of Economic Acceleration and the Internet of Life Science and Wellbeing

The developments proposed by both the Life Science and Wellbeing Campus and Village projects are heavily reliant on an innovative digital infrastructure. A lack of this infrastructure would hinder the projects desires of utilising advanced technologies to develop new medical devices and further develop healthcare technologies.

Interdependence 5 - The Internet of Economic Acceleration and Smart Manufacturing

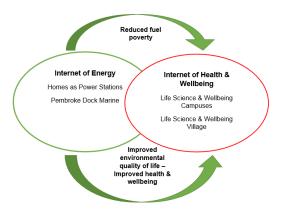
Both the Factory of the Future and the Steel Science projects are reliant on the use of next generation technologies. The Factory of the Future project is closely aligned to the principles of Industry 4.0 which is based on the themes of automation and data exchange in manufacturing technologies.

Further dimensions include cyber-physical systems, the Internet of things, cloud computing and cognitive computing. These are all elements which require a strong digital infrastructure, without it the project could fail to capitalise on the digital manufacturing revolution



10.2 Synergies

Synergy 1 - Energy and Life Science & Wellbeing

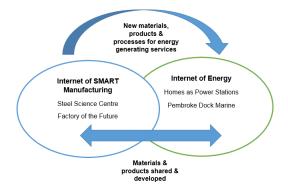


The economic profile of Wales has historically been shifting from a manufacturing dominated base resulting in more of an emphasis on fostering economic growth, development and social inclusion whilst ensuring that natural assets continue to provide the resources on which our wellbeing relies. This places what is termed as the green economy in a key position within the City Deal proposal as the four themes align closely to wellbeing, the environment, manufacturing and economic growth.

The Environmental and resource productivity of the economy aligns closely to the Homes as Power Stations and Pembroke Dock Marine projects with both aiming to produce sustainable energy. The production of green energy has a positive impact on the environmental climate as green energy production generates little if any of the water and air pollution associated with traditional fossil fuel energy sources which a Harvard University study suggests costs public health services an estimated \$74.6billion a year. Therefore production of green energy can directly affect the health and wellbeing of individuals living and working in the region by reducing the risk of cardiovascular and respiratory diseases associated with traditional energy production. This direct link creates synergy with the Life Science and Wellbeing Campus and Village projects.

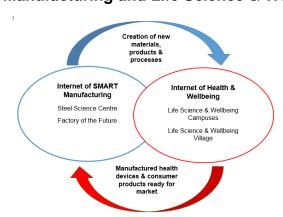
In addition, fuel poverty is a key determinant for life science and wellbeing, the Homes as Power Stations programme will specifically undertake research which will deliver impact and create an evidence base in support of disruptive innovation where the region has a global reputation as a centre of excellence.

Synergy 2 - Energy and Smart Manufacturing



The Steel Science project will also be in a prime position to have a significant impact on the Green Growth agenda. As well as developing and implementing ultra-low carbon steel making technologies, the new materials, products and processes created at the Centre will provide the opportunity to radically rethink the built environment for energy generating services. This will improve the regional natural asset base promoting the implementation of good environmental management in primary industries. This substantiates its synergy to Homes as Power Stations and Pembroke Dock Marine where materials and products may be shared and developed.

Furthermore, the Pembroke Dock Marine programme builds on momentum already underway regionally, in developing innovative marine energy solutions. This technology will require a local manufacturing base which builds upon the heavy engineering and steel generating capability of the region. Additionally, Homes as Power Stations provides the opportunity to expand existing pilot activities across the UK steel sector to realise in excess of a £1 billion industry, transforming the built environment. This extends from smart coatings on steel substrates through to innovative storage and control.



Synergy 3 - SMART Manufacturing and Life Science & Well-Being

The connections between manufacturing and life science and well-being are long established but the introduction of smart life science and smart manufacturing have placed more importance on this relationship in recent years. The projects of the Life Science and Wellbeing Village and Campuses and the Factory of the Future and Steel Science projects are the opportune prospect to align the two areas.

The region already has examples of Life Science and Wellbeing innovation created locally, manufactured locally and exported from the region to global markets. Examples include therapeutic devices, diagnostic devices and consumer products. The Factory of the Future is being specifically designed to build upon this experience and interconnect value and supply chains within a manufacturing cloud retaining optimum economic value for the region and UK. The Steel Science Centre will create new materials, products and processes, many of which will have applications in Life Science & Wellbeing. This will provide the opportunity to shape the development of intelligent sterile environments, supporting disruptive technologies for telehealth such as smart wearables and intelligent dressings.

The demand for next generation health care and smarter ways of manufacturing highlights the parallels between the two, they are both areas which are in transformation and where new opportunities in IT to meet demands are creating more opportunities for closer working.