Strategic Outline Case:

Sennybridge Strategic Outline Case CpC

February 2022

Version 0.9







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0. Document Control

0.1 Version Control

Version	Status	Date	Author	Update
0.1	Draft	30/11/21	МН	Baseline Document Created, using the original Brecon Catchment SOC.
0.2	Draft	07/12/21	МН	Updated Option appraisals
0.3	Draft	06/01/22	МН	Various amendments as a result of information provided
0.4	Draft	10/01/22	LD/RG	Completed Economic and Financial appraisals Added in/sign-posted new WG requirements
0.5	Draft	11/01/22	RG	Added Executive Summary
0.6	Draft	16/02/22	LD	Remaining comments within document addressed
0.7	Draft	21/02/22	LD	Financial and economic tables updated
0.8	Draft	28/02/22	LD	Updates based on final feedback



1 Executive Summary

1.1 Strategic Case

1.1.1 Introduction

The purpose of this Strategic Outline Case (SOC) is to present the case for investment in the Brecon catchment, a new 150 Dual stream Primary school in Sennybridge.

The cost of the preferred option is estimated to be £8,437,884, excluding Optimism Bias and Risk.

The case for change in the Brecon catchment is based on the following significant issues:

- 1. The condition of the buildings at Sennybridge is poor;
- 2. Building accessibility at the school is also poor;

On 14 April 2020 Council approved the new Strategy for Transforming Education in Powys 2020-30, replacing the legacy School Organisation Policy 2018. The new Strategy sought to address a number of significant concerns raised by Estyn on the progress of the Council's school reorganisation programme, acknowledging a historical lack of political decision making and a deep scepticism amongst the teaching profession regarding the Council's political commitment to schools and to the delivery of the improvements that are needed.

In directly addressing these issues the new strategy outlines:

- a summary of the challenges faced by the education sector in Powys;
- a new vision for education in Powys;
- a final set of guiding principles;
- strategic aims and objectives;
- a programme of activity;
- a summary of the legislative process;

New governance arrangements have also been introduced to support the delivery of the new strategy.

The strategy is supported by a new Strategic Outline Programme (SOP) for capital funding for school building projects to be phased over a ten year period. The capital funding required to enable the strategy to be delivered has been estimated at £350m.

1.1.2 Investment Objectives

The Investment Objectives underlying the case for change for this project are:

1. Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and well-being of all pupils and deliver the new curriculum for Wales.



- Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.
- 3. Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.
- 4. Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales
- 5. To meet and stimulate demand for Welsh-medium provision
- 6. To provide an optimal safeguarding environment.
- 7. Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.

1.2 Economic Case

1.2.1 Options

Following an initial assessment of the of the scope of work required, a long list of options was developed for each project within the remit of the scope:

- Option 1 Do nothing Close the existing school and relocate pupils to nearest schools.
- Option 2 Business as usual (BAU).
- Option 3 Remodel the existing building and outside area.
- Option 4 Build extension to the existing school.
- Option 5 New Build school on existing site.
- Option 6 New build School on alternative site.

Each of these options (for each project) were subjected to a review of advantages and disadvantages and an appraisal against the Investment Objectives and Critical Success Factors agreed by the Powys officers team.

During the appraisal, it was clear that Option 1 (Do Nothing) did not sufficiently meet the Investment Objectives or Critical Success Factors, but was carried forward as a baseline comparator, in line with the guidance in the HM Treasury Green Book.

As a result of this, the following options from each project were short-listed for Economic and Financial appraisal:

- Option 2: Do Nothing Business as Usual.
- Option 5: New build 150 place 4-11 dual stream community Primary School in Sennybridge on existing site.



 Option 6: New build 150 place 4-11 dual stream community Primary School in Sennybridge on alternative site.

The short-listed options (for both projects) were assessed over a 60 year period (20 years in the case of Option 1, Do Nothing), to understand the Net Present Cost (NPC) and Equivalent Annual Cost (EAC) of each option.

As the assessment periods were not uniform, the Equivalent Annual Cost is deemed the main point of comparison between the options. The Economic Appraisal resulted in the following outcomes.

1.2.2 Net Present Cost

Discounted Cash flow (DCF) Summary Sheet		Inc. Optimism Bias		Excl. Optimism Bias	
Option No.	Option Name/Description	NPC (£m)	EAC (£m)	NPC (£m)	EAC (£m)
Option 1:	Do nothing – business as usual – (BAU)	9.4	0.64	9.2	0.62
Option 5:	New build 5 classroom school on the grassed area of Sennybridge CP School to include Early Years facility and community room.	24.3	0.93	21.3	0.81
Option 6:	New build 5 classroom school on an alternative site within the area to include Early Years facility and community room.	24.8	0.95	21.8	0.83

DCF = Discounted Cash Flow

NPC = Net Present Cost

EAC = Equivalent Annual Cost

The options were economically appraised over different time periods, with Option 1 being appraised over 20 years, while Options 5 and 6 were appraised over 60 years. Once again, this is because Option 1 is essentially a 'Do Minimum' option where the lifespan of the asset is significantly less than the other options considered.

On that basis, the key comparator from the Economic Appraisal table is the Equivalent Annual Cost (EAC), which calculates the average annual (economic) cost to the Council. On that basis, Option 1 appears to be the best option economically, but was actually carried only forward as point of comparison and did not meet a critical mass of the Council's Investment Objectives and Critical Success Factors.



1.3 Commercial Case

The Council has good experience of working with contractor frameworks and has achieved positive outcomes using such frameworks. The Council has therefore concluded that the optimum procurement route will be to use the revised SEWSCAP framework that was relaunched in June 2019 (SEWSCAP 3). The benefits of utilising contractors from this existing Contractor Frameworks list are as follows:

- 1. Consultation and design development can be carried out by the Heart of Wales Property Services Ltd (HoWPS), which is a 50:50 joint venture partnership between PCC and Kier. The design team will then remain actively involved throughout the duration of the project, fulfilling the intelligent client role once the project is passed over to the successful contractor, thus ensuring continuity of professional staff representing PCC during all stages of the project programme.
- Compliant with EU procurement directives and the Public Contract Regulations (2014), offering a swift route to market and opportunities for early contractor involvement;
- 3. The framework is free to use, offering a variety of contracts, pricing models and the potential for further savings achieved via mini-competition;
- 4. The new SEWSCAP Property Construction Framework is divided into the following lots:
 - Lot 1: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£250,000 to £1,500,000) - Powys County Council and other Potential Employers based or operating in Powys or operating nearby;
 - Lot 2: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works (£250,000 to £1,500,000) Torfaen County Borough Council, Blaenau Gwent County Borough Council, Monmouthshire County Council, Caerphilly County Borough Council or other Potential Employers based or operating near those areas;
 - Lot 3: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works (£250,000 to £1,500,000) Rhondda Cynon Taf County Borough Council, Merthyr Tydfil County Borough Council and Bridgend County Borough Council and any Participating Authorities based or operating near those areas
 - Lot 4: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£250,000 to £1,500,000) - Vale of Glamorgan Council, The County Council of the City of Cardiff Council, Newport City Council or other Potential Employers based or operating near those areas;
 - Lot 5: Provision of Construction services, extensions and refurbishment under traditional or design and build with all associated works (£1,500,001 to £3,000,000)
 Powys County Council and other Potential Employers based or operating in Powys or operating nearby to include new build



- Lot 6: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£1,500,001 to £3,000,000) - All Potential Employers
- Lot 7: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£3,000,001 to £5,000,000) - All Potential Employers
- Lot 8: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£5,000,001 to £10,000,000) - All Potential Employers
- Lot 9: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£10,000,001 to £25,000,000) - All Potential Employers
- Lot 10: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£25,000,001 to £100,000,000) – All Potential Employers

In this instance the Council proposes to use Lot 8 (£5M - £10M)

1.4 Financial Case

A balance sheet asset addition of £7,569,575 is made for the new build school. Short term additional funding is required of the full £7,569,575 for years 0 through 3 (inclusive), excluding VAT, retained risks and optimism bias.

From the opening of the new school building in 2025 there will be a small increase in the recurring revenue cost of school, at approximately 13K per annum.

The Band B submission has been scrutinised and assessed by the Council's Section 151 Officer for affordability in light of the 65% programme intervention rate. The Council will meet the 35% contribution required to support the project through prudential borrowing.

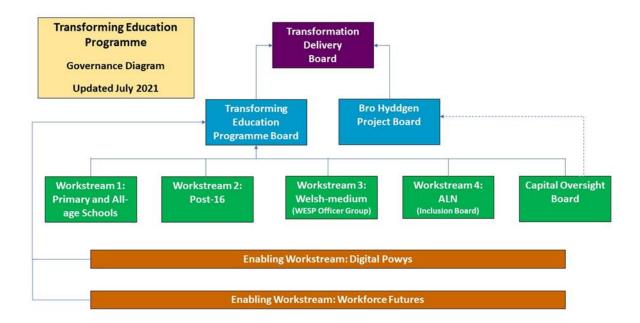
1.5 Management Case

This scheme is a constituent of Powys County Council's Transforming Education Programme, and has been identified within that Programme as a priority. It will be managed in accordance with best practice in programme and project management principles – MSP and PRINCE2 to provide a systematic and effective delivery framework.

Overall corporate governance for the Transforming Education Programme (formerly known as the 21st Century Schools Transformation Programme) is in accordance with the governance



arrangements for the Council's Transformation Programmes, as outlined in the following diagram:



Outline Project Plan

Date	Actions (commencement)
03/2022	SOC to Powys CC Cabinet
	Submit SOC to WG
05/2022	Complete RIBA 2
06/2022	OBC to Powys CC Cabinet
	Submit OBC to WG
07/2022	Commence Procurement
09/2022	Award Contract
05/2023	Complete RIBA 3/4
07/2023	Planning Approval
10/2023	Submit FBC to PCC Cabinet
	Submit FBC to WG
01/2024	Commence Construction
01/2025	New school building opens



2 Strategic Case

2.1 Strategic Fit

2.1.1 National Strategies

The proposals contained within this business case contribute to the following national and international strategies and policies:

- United Nations Convention on the Rights of the Child;
- Wellbeing and Future Generations Act 2015;
- The Learning Country: Vision into Action 2008;
- Skills framework for 3-19 year olds in Wales 2008;
- One Wales: One planet, a new sustainable development scheme for Wales May 2009 or any successor strategy;
- Learner Travel Operational Guidance April 2009;
- A Curriculum for all Learners 2010;
- Measuring the capacity of schools in Wales Circular 021/2011;
- Welsh Government Welsh Medium Education Strategy 2010;
- Improving Schools National Implementation Plan 2012-15;
- A Living Language: A language for Living: Welsh Language Strategy 2012-17;
- Building a Brighter Future: Early Years and Childcare Plan 2013;
- The Curriculum for Wales:
- School Standards and Organisation (Wales) Act 2013;
- School Organisation Code 2013;
- School Organisation: Consultation with Children and Young People Guidance Document 2013.

2.1.2 Local Strategies

- Vision 2025 sets out the Cabinet's priorities for the council up to 2025.
 'Strengthening Learning and Skills' is one of the four priorities outlined within this vision:
- Strategy for Transforming Education in Powys, which sets out Powys' approach to developing school infrastructure and the planning of school places;
- Welsh in Education Strategic Plan 2022-32 sets out the council's priorities for developing Welsh-medium provision within Powys. This plan has recently been approved by the Council's Cabinet and is being considered by Welsh Government.



The plan is due to be implemented from September 2022This scheme is also consistent with the draft WESP (2022-2032), which is currently under consultation;

- Powys Community Focused Schools Strategy, which ensures that key services are sufficiently integrated and able to work collaboratively;
- Powys Carbon Reducing & Sustainability Strategies, which identifies that all new schools will be part of a new generation of energy efficient buildings;
- Powys Regenerations Strategy aims to deliver outcomes which will have a positive impact upon the physical, social, environmental, economic and cultural attributes of the county; and
- Powys ICT Strategy which aims at delivering learners' entitlement to use technology to support their learning and to enable schools to become more innovative and effective in their teaching and learning.

2.2 Case for Change

2.2.1 Investment Objectives

The Investment Objectives underlying the case for change for this project are:

- Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and well-being of all pupils and deliver the new curriculum for Wales.
- 2. Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.
- 3. Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.
- 4. Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales
- 5. To meet and stimulate demand for Welsh-medium provision
- 6. To provide an optimal safeguarding environment.
- 7. Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.



2.2.2 Targets and measures

The following table identifies the measures and targets that will be utilised to ensure that the identified investment objectives are SMART.

Table 1 - Measures and Targets

Ю	Measure	Target
1.	Improved motivation, engagement, attendance & extracurricular involvement as evidenced by: a. School Self Evaluation b. School Improvement Plan c. Estyn inspection d. Local authority review	 All aspects of pupil wellbeing (as detailed in Estyn guidance) to be awarded a judgement of at least Good by September 2026 Local Authority core visits report improved engagement, motivation and pupil wellbeing by September 2026 Attendance percentage rate to increase to 95% for the academic year 2025/2026 To interview 10% of pupils and 5% of parents to evaluate the effectiveness of the school's policies and practices in promoting pupils' wellbeing seeking a 90% satisfaction rate (reference parental survey annexe 5 Estyn guidance)
2.	 Reduction in backlog maintenance and accessibility costs within Brecon catchment by £1.023M by September 2025 Both new schools are DDA compliant upon opening in September 2025. Carbon Net Zero - Carbon calculator Reduction in energy use and carbon emissions 	 Zero backlog maintenance and accessibility costs. School is DDA compliant. School is Zero net carbon Reduction in combined gas and electricity consumption to 32.8kwh/m2 by September 2025; Reduction in CO2 emission to 25.5kg/m2 by September 2025 Reduction in combined OIL and electricity consumption to 32.8kwh/m2 by September 2025;Reduction in CO2 emission to 25.5kg/m2 by September 2025
3.	 Amount of community usage of facilities Number of multi-agency services available from the school 	 Minimum 40 hours per month community usage Minimum of services that assist children, young people and the family available at the school
4.	All children will benefit from facilities in the indoors and outdoors that meet the needs of 21st century learners	 Awarded a judgement of at least Good by September 2025 Available am and pm for extended child care (eg breakfast club, child care hours)



Ю	Measure	Target
	 Teaching and Learning – 'improved breadth, balance and appropriateness of the curriculum' (as detailed in Estyn guidance) 	
5.	 Number / % of pupils taught through the medium of Welsh at the school 	Increase in the number / % of pupils taught through the medium of Welsh at the school
6.	 Achieved through design from opening of new schools. 	Building design meets building bulletin requirements and has appropriately designed safeguarding arrangements
7.	 Range of specialist teaching and support available to ALN learners Range of specialist facilities available to ALN learners 	 ALN provision would be incorporated within the class setting small intervention room for withdrawal work and a wellbeing room.

2.2.3 Existing Arrangements

Sennybridge Community Primary School is located in the village of Sennybridge, which is in the community of Maescar which has a population of 965 usual residents. Maescar has a community council with eleven locally elected or co-opted community councillors.

The village of Sennybridge and the site of the existing school itself lie within the boundaries of the Brecon Beacons National Park Authority. The Brecon Beacons National Park covers an area of 1,344 km². The entire national park achieved the status of being designated an international dark sky reserve in February 2013, and is the destination for a large number of tourists throughout the year.

Sennybridge Community Primary School has a strategic location, sitting as an outlier on the Powys border, but within the Brecon catchment area. The school lies 9 miles (14 km) west of Brecon and is close to the border with Neath Port Talbot County Borough Council.

The main school building was built in 1939 and was designated until the 1980s as Defynnog Primary School. The school was originally constructed as a Secondary Modern school, with a wing of accommodation of one side of the hall for boys and the other wing for girls. Each wing had a separate entrance and toilet facilities. To the rear of the school an extension was constructed in the 1970s/80s. This has subsequently been adapted and now contains the Early years setting alongside an upper-level community gymnasium with a restricted height external store beneath. More recently the school constructed a small conservatory to the north of the KS1 accommodation. A separate canteen building was constructed to the south of the main school, this is believed to be contemporary to the main building.



Figure 1: Sennybridge and Brecon Locations

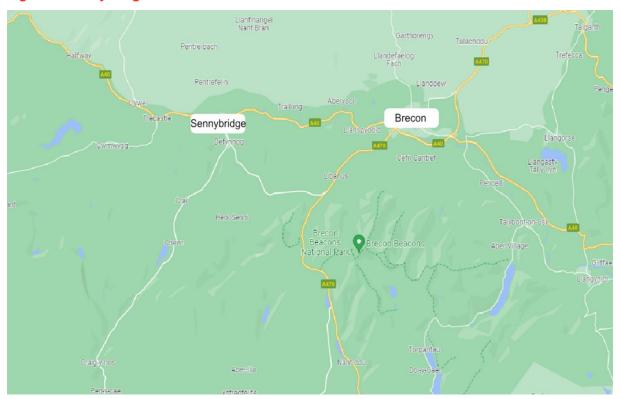


Figure 2: Sennybridge Primary School





Table 2 – Sennybridge Primary Summary Information

Language Category	Dual Stream
Age range	4-11
Total number of places in school	125
Number of pupils	135 (PLASC 21)
Level of surplus places	-10 (xx%)
Welsh Medium Pupils	46 (PLASC 21)
ALN/SEN Pupils	17.8% (All Stages / PLASC 21)
Free School Meals	6.7% (PLASC 21)
Pupils from ethnic minorities	3.7% (PLASC 21)
Number of Teachers	6.5 (PLASC 21)
Pupil Teacher Ratio	20.8 (PLASC 21)
National School Categorisation	Amber (2019)

Table 3 – Learner Outcomes

School

Sennybridge Primary

Sennybridge C.P. School was last inspected by Estyn in 2017. The school's current performance and prospects for improvement were rated Good.

Table 4 – Present & forecast pupil numbers

School	Jan 2020	Jan 2021	Jan 2022	Jan 2023	Jan 2024
Sennybridge Primary	126	127	124	124	120

Table 5 – Latest condition assessments (2016)

School	Condition	Suitability	Backlog
Sennybridge Primary	С	B/C	£1,023,132



2.2.4 Problems with the status quo – Sennybridge

Sennybridge County Primary school is currently slightly over-subscribed in numbers. The building is poor (condition C) and is not fully DDA compliant (suitability condition B/C). There is estimated backlog maintenance required of over £1M.

Substantial issues exist with the site, its access, egress and external layout. Access to the school from Defynnog Road is very narrow. It leads to a recently enlarged car park at the rear of the school but does not allow for passing places. Pedestrian access from the north is via steep and dilapidated steps adjacent to the cattle market. The surfacing of these steps is worn and uneven. Site safeguarding is a significant issue that has been raised in recent Estyn reports. Although the playing field has been fenced recently, the main school entrance is to the south of the building and visitors must cross the school playground to reach it. The entrance is not overlooked by an adjacent staff or administration room and the corresponding lack of supervision remains a significant impediment to the school's operation.

Assessment of the building shows that the current Sennybridge CP School has inadequate spaces for modern teaching. Overall the building itself is not too small, but its rooms are not the right size and they are not in the right place. Both of these issues are difficult to resolve. For example, increasing the size of a classroom by 10m^2 is disproportionately expensive and massively disruptive. All of the classrooms are either too large or too small. The arrangement of the school along a single corridor also restricts options for re-planning the building, which has resulted in a piecemeal series of modifications.

For Staff and Administration, the total space available is three quarters of the area recommended within BB99. The difficulties caused by this shortfall are compounded when there was an extension to the building, by the switching of the main entrance to the south of the building. The resultant layout meant that there is no adjacent office of staffroom offering easy supervision.

Substantial issues exist with many of the elements of the structure, most notably including:

- Flooring The original terrazzo flooring and lower wall sections to the main school building have been overlaid with now dilapidated vinyl sheeting. The terrazzo itself is cracked and would require specialist repair if retained. Some areas of the school still feature the original woodblock or quarry tile flooring, which is now de-bonded and requiring replacement.
- Walls External walls are uninsulated, and although they are in a generally sound condition the lack of insulation allows surface condensation and promotes mould growth within habitable rooms.
- Ceilings Most classrooms have a reduced height suspended ceiling. Inspection has shown that the original cast iron heating panels remain in-situ. The hall ceiling is unimproved, and this contributes to the high reverberation time and poor acoustics.
- Roof Windows Roof windows are generally original and dilapidated. There are several instances where high level clerestory windows remain as part of the building



fabric into rooms where a lower level suspended ceiling has been installed, meaning they no longer provide either light or ventilation to the rooms.

- Electrical Services The amount of socket outlets distributed around the school is very limited. This leads to the use of extension leads that pose and trip hazard and fire risk.
 The school is long due a full rewire to bring up to modern standards and to comply with BS7671 electrical wiring regs.
- Heating The heating system in the main school is generally in poor condition with varying heat emitters and poor controls. All pipework is aged and liable to failure. The system pipe work is in fair to poor condition and is also liable to failure.

2.3 Welsh Medium Education

Sennybridge C.P. School is a dual stream school, where pupils are either taught in their Welsh-medium stream or the English-medium stream.

Current pupil numbers in the school's Welsh-medium stream are as follows:

Year	Number of Welsh-medium pupils
Reception	9
Year 1	5
Year 2	10
Year 3	8
Year 4	8
Year 5	6
Year 6	10
TOTAL	56

This is 41.5% of pupils at the school. The school's Welsh-medium stream consists of two classes, one Foundation Phase class and one KS2 class.

The Welsh-medium provision at the school serves the village of Sennybridge and its surrounding areas, and is located approximately nine miles to the west of Brecon.

Welsh-medium primary provision is also available elsewhere in the catchment at Ysgol y Bannau, a Welsh-medium Primary School located on the outskirts of Brecon. The school has a current population of 117 and has a total capacity of 162 places.

Welsh-medium secondary provision is available in the catchment, at Brecon High School's Welsh-medium stream. In addition, some Welsh-medium pupils from the catchment, in particular those living in the Sennybridge area, transfer to Welsh-medium secondary provision which is located out of county, at Ysgol Gymraeg Ystalyfera Bro Dur which is located in Neath Port Talbot.



The Council has recently approved a new Welsh in Education Strategic Plan (WESP) for 2022-32, which recognises the important role the education system will play in order to increase the number of Welsh speakers in Powys and contribute towards the Welsh Government target to have a million Welsh speakers by 2050. The WESP sets out an ambitious target to increase the percentage of Year 1 pupils being taught through the medium of Welsh in Powys by 14 percentage points to 36%. To contribute to this target, the Council's aim is to see an increase in the pupils accessing Welsh-medium provision at Sennybridge C.P. School and across the Brecon catchment.

'We will improve access to Welsh-medium provision across all key stages' is also a Strategic Aim in the Council's Strategy for Transforming Education in Powys 2020-30. Under this aim, the Council sets out a Strategic Objective to 'Move schools along the language continuum'.

2.4 Childcare/Nursery Provision

There is currently maintained Welsh-medium and English-medium childcare/nursery provision at Sennybridge CP school.

Powys County Council is committed to proving suitable infrastructure to enable providers to provide the 30-hour childcare scheme. Whether or not there is a need to incorporate nursery /early years provision will be a key consideration in respect of any construction project, particularly so where this includes primary provision. As this scheme proceeds, the Council will take a holistic approach based on community needs to determine whether early years provision, including nursery provision, is required as part of the scheme.

A community use strategy is also developed as part of all construction schemes, and consideration will be given in the design stages as to the need for provision such as after school, breakfast and holiday clubs.

2.5 Active Travel

It is the council's view that active travel is essential to encourage staff, pupils and wider members of the community to walk and cycle to new facilities, meaning that more people can enjoy the benefits of active travel.

Any construction project taken forward based on this SOC will be developed in line with the Welsh Government Active Travel Wales Act (2013) and design guidance, with the aim of improving active travel links.

Active travel is being considered as part of RIBA 2 activities.

2.6 Community/Sports Facilities

There is a small community gym in Sennybridge CP. However, the closest Community/Sports Facilities are currently provided at Brecon Leisure Centre.



Community facilities are included within the new design, to include a community room and gym storage facilities. The gym equipment is privately owned and will be brought into the community room or the school hall for use by the community weekly. The outdoor sports facilities and forest school area at the new school building will also be available for community use.

2.7 Equalities, Impact Assessments and Children's Rights Assessments

An initial impact assessment will be undertaken when Cabinet considers the SOC.

The school is being designed to meet the requirements of the new Curriculum for Wales. There will be opportunities for pupil engagement as the project moves forward.

2.8 Net Zero Carbon and the Environment

The Council is committed to ensuring that all projects are Net Zero Carbon with immediate effect

The Sennybridge school design is based on Net Zero Carbon principles. This includes the following elements:

- The school will be designed on a 'fabric-first' basis, and will maximise beneficial solar gain in order to reduce heating demand;
- The concept design will be assessed by Passivhaus designers to confirm that it is can be delivered as a certified Passivhaus building;
- Heating will be provided via Air Source Heat Pumps, which will benefit from future electrical grid de-carbonisation;
- A PV array will be installed on the large, south facing roof;
- There will be no carbon fuel source used on the site;
- The school will be designed around a timber frame to reduce the embodied carbon load.



2.9 Main Benefits

The main benefits associated with the strategic case are outlined below.

Table 6 – Main Benefits by Investment Objective

	·
Investment Objectives	Benefit
1. Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and well-being of all pupils and deliver the new curriculum for Wales.	 Improved motivation of students and teachers – less sickness absence and improved school attendance rates. Improved pupil satisfaction and a reduction in the number of incidences of poor behaviour. Opportunities for teachers to broaden their skill sets. Delivery of the broadest curriculum. Schools will be able to attract new teaching staff as a result of the breadth and depth of curriculum. Improved reputation of the school. Improved educational outcomes. Increased numbers of learners who transfer into further and higher education. Increased number of opportunities for young people to engage with technology.
2. Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.	 Reduced backlog maintenance and accessibility costs. School campus become DDA compliant. School campus becomes Zero net carbon contributor to the environment. Reduced energy costs and usage.
3. Develop Community- focused schools that are the central point for multi-agency services to support children, young	 Opportunities for life long learning in the Sennybridge community. Improved leisure opportunities and usage in the Sennybridge community Improved financial viability of leisure offerings through increased take up and use of facilities.



Investment Objectives	Benefit
people, families and the community.	
4. Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales	 Increased availability of early years places in the Sennybridge area. Full and effective delivery of the Curriculum for Wales.
5. To meet and stimulate demand for Welsh-medium provision	 An increase in the number / % of pupils studying through the medium of Welsh More opportunities for Welsh speaking staff. Bilingual training and employees. Increased availability of suitably qualified Welsh speaking employees in the Sennybridge area. Promotes bilingual ethos.
6. To provide an optimal safeguarding environment.	 Reduction in the number of safeguarding incidents in the Sennybridge area; Better environment (by design) to provide safe space for children in the new schools.
7. Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.	 Bespoke provision for SEN/ALN pupils. Increased provision of specialist teaching support. Improved facilities for SEN/ALN learners.



2.10 Main Risks

The main risks associated with the strategic case are outlined below.

Table 7 – Strategic Risks and Countermeasures

Ма	in Risk	Со	unter Measures
Bu	siness and Political Risks		
1.	An unexpected reduction in the level/ availability of capital or revenue funding leads to delays and reduction in the scope of the project.	1.	No contractual commitments will be made until firm assurances have been given regarding the affordability and availability of funding.
2.	The project requires political endorsement	2.	The Council's Cabinet has given approval in principle to the project and will be kept informed as the project develops.
3.	Pupil numbers fall in the short term, making it more difficult to make the case	3.	Detailed (long term) strategic planning about Welsh & English Medium education in the area to underpin the business case.
Se	rvice Risks		
1.	Legislative changes.	1.	Plan flexibility into the options where possible.
2.	WG policy changes	2.	Plan flexibility into the options where possible.
Ext	ternal Environmental Risks		
1.	Issues relating to planning permission or planning constraints	1.	Early engagement with the Local Authority Planning Department on the proposed site and to identify any issues relating to planning permission or planning constraints.
2.	Covid 19	2.	Early engagement with contractors to establish an appropriate risk response

2.11 Project Constraints

The project is subject to the following constraints:

- Availability of capital funding from Welsh Government and Powys County Council for any new build required;
- Any planning consent which may be required for any new build required'
- Requirement to meet BREEAM Excellent standard;
- Requirement to meet zero net carbon standards (by Welsh Government)



Need to minimise negative impact on current pupils.

2.12 Project Dependencies

The project dependencies are as follows:

- Political support at local and national level;
- Stakeholder support parents, governors, community, diocesan education authority;
- · Capital funding from Welsh Government and Powys County Council;
- Internal officer capacity;
- Capacity of other service areas to provide support;
- Planning permission and any other statutory consents that may be required.



3 Economic Case

3.1 Critical Success Factors

CSF1: Strategic Fit

- The option must satisfy all 5 investment objectives and business needs
- The option must optimise the benefits as presented in the Main Benefits Criteria
- The option must be aligned with and promote the national, regional and local strategies

CSF2: Potential Value for Money (VFM)

- The option must optimise the resources available for the delivery of learning
- The option must provide value for money in the delivery of learning

CSF3: Potential Achievability

- The option must be acceptable to learners, staff, governors and the wider community;
- The option must be politically acceptable at local, county and national level;
- The option must be achievable within current legislation;
- The options must be operationally achievable/physically achievable.

CSF4: Supply side Capacity and Capability

 The option must secure sufficient appropriate resources and expertise to be deployed within Powys to achieve the investment objectives.

CSF5: Potential Affordability

- The extent to which the option is affordable within the forecasted revenue of participating organisations;
- The extent to which the option is affordable within the forecasted capital finding of participating organisations.

3.2 Long List Options

The long list of options was generated by a cross departmental group of stakeholders at a workshop held on Wednesday 17th November 2021. The following individuals were present at this workshop:

- Marianne Evans Senior Manager Education Services;
- Sarah Astley Programme Manager;
- Diane Rees Project Manager
- Eurig Towns Service Manager for School Improvement;
- Mari Thomas Finance Manager;
- Sharon Hughes Senior Foundation Phase Advisor.



3.3 Scope Appraisal

3.3.1 Options

- **Do Nothing:** 125 place 4-11 dual stream Primary School
- Minimum Scope: 150 place 4-11 dual stream community Primary school
- Intermediate Scope A: 150 place 4-11 dual stream community Primary school, plus early years provision
- Intermediate Scope B: 180 place 4-11 dual stream community Primary school
- **Maximum Scope:** 180 place 4-11 dual stream community Primary school, plus early years provision

3.3.2 Advantages and Disadvantages

Table 8 - Scope advantages and disadvantages

Do Nothing: 125 place 4-11 dual stream Primary Advantages	Disadvantages		
 Replicates the existing school size; Provides a future proofed school, based on current pupil/population forecasts; Minimises disruption to Sennybridge pupils, parents and teachers; Continuation of Welsh Medium Education in the Sennybridge area. 	 Does not address shortage of places at Sennybridge Primary school; Does not maintain early years provision in the local community; Does not enable wider integration of school within the community; Does not create new opportunities for additional income streams for the schools; Does not collocate early years childcare provision at the site. 		
Minimum Scope: 150 place 4-11 dual stream com Advantages	nmunity Primary school. Disadvantage		
 Replicates the existing school size. Provides a future proofed school, based on current pupil/population forecasts; Enables the curriculum to be delivered in a continuous and coherent way from the Foundation Stage through to the end of Key Stage 2; Maintains early year and primary age provision in the local community. Minimises disruption to Sennybridge pupils, parents and teachers; 	Does not collocate early years childcare provision at the site.		



- Enables wider integration of the school within the community;
- Continuation of Welsh Medium Education in the Sennybridge area.

Minimum Scope: 150 place 4-11 dual stream community Primary school, plus early years provision

Ad	vantages	Disadvantages
•	Replicates the existing school size.	
•	Provides a future proofed school, based on	
	current pupil/population forecasts;	
•	Enables the curriculum to be delivered in a	
	continuous and coherent way from the	
	Foundation Stage through to the end of Key	
	Stage 2;	
•	Maintains early year and primary age	
	provision in the local community;	
•	Minimises disruption to Sennybridge pupils,	
	parents and teachers;	
•	Enables wider integration of the school	
	within the community;	
•	Continuation of Welsh Medium Education in	
	the Sennybridge area;	
•	Collocated early years childcare provision	
	on the one site.	

Intermediate Scope: 180 place 4-11 dual stream community Primary school

Advantages	Disadvantages
 Provides a future proofed school, with room for growth. Minimises disruption to Sennybridge pupils, parents and teachers. Continuation of Welsh Medium Education in the Sennybridge area 	 Introduces unnecessary surplus pupil places to the school. Does not collocate early years childcare provision at the site.

Maximum Scope: 180 place 4-11 dual stream Primary school, plus early years provision

Advantages	Disadvantages	
Provides a future proofed school, with room for growth.	 Introduces unnecessary surplus pupil places at the school. 	



- Enables the curriculum to be delivered in a continuous and coherent way from the Foundation Stage through to the end of Key Stage 2.
- Maintains early years and primary age provision in the local community.
- Minimises disruption to Sennybridge pupils, parents and teachers.
- Enables wider integration of the school within the community.
- Continuation of Welsh Medium Education in the Sennybridge area.



3.3.3 Conclusion

Table 9 – Scope appraisal summary

Reference to:		Min	Int. A	Int. B	Max
Investment Objectives					
Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and wellbeing of all pupils and deliver the new curriculum for Wales.	✓	✓	✓	✓	✓
Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.	✓	✓	✓	√	✓
Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.	*	×	√	×	✓
Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales	×	×	√	×	✓
To provide Welsh-medium provision that is accessible and equitable in a dual stream school		✓	✓	✓	✓
To provide an optimal safeguarding environment.		✓	✓	✓	✓
Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.	√	✓	✓	√	✓
Critical Success Factors					
Business Need	×	✓	✓	×	ж
Strategic Fit	×	✓	✓	×	✓
Potential VFM	×	✓	✓	×	×
Benefits optimisation	?	×	✓	×	×
Potential achievability	✓	✓	✓	✓	✓
Supply side capability	✓	✓	✓	✓	✓
Affordability	✓	✓	✓	×	×
Summary	Carry Forward	Discounted	Preferred	Discounted	Discounted



3.4 Service Solution Appraisal

3.4.1 Options

- Option 1 Do nothing Close the existing school and relocate pupils to nearest schools.
- Option 2 Business as usual (BAU).
- Option 3 Remodel the existing building and outside area.
- Option 4 Build extension to the existing school.
- Option 5 New Build school on existing site.
- Option 6: New build School on alternative site.

3.4.2 Advantages and Disadvantages

Table 10 - Project B: Service solution advantages and disadvantages

Option 1 - Do nothing - Close the existing school and relocate pupils to nearest schools.			
Advantages	Disadvantages		
 No capital spend required. Enables alternative use of capital funding within the programme envelope. Addresses current backlog maintenance issues of £1.023m. Releases site for generation of a capital receipt. 	 Current school location provides education to a large rural catchment area. Significant additional travel for pupils Relocation to nearest schools rappropriate to the location of catchment the school. Insufficient capacity in other schools accommodate pupils Pupils may need to be educated neighbouring county. Loss of facilities to the community. Would not promote access to Welsh-mediated education for pupils living in Sennybridge Interruption of Welsh Medium Education Sennybridge. Threat to the future viability of the Well Language in the Sennybridge area. Statutory process would be required 		
Option 2 - Business as usual (BAU).			
Advantages	Disadvantages		
 No additional capital funding needed. No disruption to learners from large scale building works on adjacent site. Continuity of education on Sennybridge School site. Continuity of Welsh-medium education in Sennybridge 	 Inadequate school buildings continue in poor condition and sustainability Does not meet the requirements for 21st C School Financially unviable due to costs of repairs and maintenance Unlikely to enhance current public perception of the school. Would not provide additional capacity 		



Option 3 - Remodel the existing building and outsi	ide area.
Advantages	Disadvantages
 Extends the life of the building. Addresses immediate issues easily. Reduces the probability of disruption to service delivery. Less immediate drain on Council's capital resources. Removes £1.032M backlog Maintenance liability. Continuity of Welsh-medium education in Sennybridge Option 4 - Build extension to the existing school. Advantages Less Capital cost required. Would provide additional capacity Continuity of Welsh-medium education in Sennybridge 	 Inadequate school buildings continue with poor suitability and sustainability factors Does not enhance current public perception of the condition of the facilities Disruption to pupils Does not improve the learning environment and does not provide a suitable environment The works required at Sennybridge CP could severely impact the Major Improvement fund, which will decrease the amount of funding available for much needed improvements at other schools. Would not provide additional capacity Disadvantages Does not address the building condition of existing school. Building works funded by Major Improvement fund will still be required in future. Disruption to pupils, as extension would also require elements of demolition. Financially unviable. Capacity of school is not an issue.
Option 5 - New Build school on existing site.	
Advantages	Disadvantages
 Delivers a new build school which extends the time horizon for the requirement for substantial future works into the long term. Removes backlog maintenance of circa £1.032m. Will enable energy efficiencies reducing the buildings carbon footprint and ongoing running costs. Provision of appropriate number of school pupil places. Addresses condition, suitability and sustainability issues in current school. Reaffirms the strategy to keep Primary schools in strategic locations. New building will be condition A. 	 Larger capital investment required from an already over-stretched capital budget. Substantial noise disruption to existing school setting during building work. May require temporary relocation of School pupils during building work and associated costs of this.



- Meets BREEAM and environmental building standards.
- Potentially attractive to local community and stakeholders.
- Appropriate facilities for teaching and learning for 21C curriculum.
- Provides community focussed facilities.
- Continuity of Welsh-medium education in Sennybridge

Option 6 - New Build school on alternative site.

Advantages

- Delivers a new build school which extends the time horizon for the requirement for substantial future works into the long term.
- Removes backlog maintenance of circa £1.032m.
- Will enable energy efficiencies reducing the buildings carbon footprint and ongoing running costs.
- Provision of appropriate number of school pupil places.
- Addresses condition, suitability and sustainability issues in current school.
- Reaffirms the strategy to keep Primary schools in strategic locations.
- New building will be condition A.
- Meets BREEAM and environmental building standards.
- Appropriate facilities for teaching and learning for 21C curriculum.
- Provides community focussed facilities.
- No relocation of pupils required during construction period.
- No noise disruption to pupils.
- Continuity of Welsh-medium education in Sennybridge.

Disadvantages

- Larger capital investment required from an already over-stretched capital budget.
- Additional capital required for land purchase of new site.
- Availability of suitable and affordable land.
- Potential alternative site has not yet been identified;
- Depending on the location of the site delivery may have substantial implications on the cost of school transport.



3.4.3 Conclusion

Table 11 – Service Solution appraisal summary

Reference to:	1	2	3	4	5	6
Investment Objectives						
Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the selfesteem and well-being of all pupils and deliver the new curriculum for Wales.	×	×	×	×	√	✓
Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.	×	×	?	?	✓	✓
Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.	×	×	?	?	✓	✓
Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales	✓	✓	✓	✓	✓	✓
To provide Welsh-medium provision that is accessible and equitable in a dual stream school	×	✓	✓	✓	✓	✓
To provide an optimal safeguarding environment.	✓	✓	✓	✓	✓	✓
Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.		✓	✓	√	✓	✓
Critical Success Factors						
Business Need	×	ж	?	?	✓	✓
Strategic Fit	×	×	✓	✓	✓	✓
Potential VFM	×	*	×	*	✓	✓
Benefits optimisation	×	ж	×	×	✓	✓
Potential achievability	×	✓	✓	✓	✓	✓
Supply side capability	✓	✓	✓	✓	✓	✓
Affordability	✓	✓	✓	✓	✓	?
Summary	Discounted	Carry Forward	Discounted	Discounted	Preferred	Possible



3.5 Service Delivery Appraisal

3.5.1 Options

- Minimum Local Authority delivery;
- Intermediate Local Authority and Private Sector partner arrangements;
- Maximum Private Sector partnership (PPP);

3.5.2 Advantages and Disadvantages

Table 12 - Service delivery advantages and disadvantages

Minimum: Local Authority						
Advantages	Disadvantages					
 All requisite delivery structures are already in place; Local Authority has extensive experience in delivering this service delivery model; Cost effective model; Strategic link to Councils School Transformation Programme; Most expedient model for delivery; Politically acceptable; Limited risk due to specialist support within LA 	May stifle innovation.					
Intermediate: Local Authority and Private Sector Partner arrangements						
Advantages	Disadvantages					
 All requisite delivery structures in place; Local Authority has extensive experience in delivering this service delivery model; Cost effective model; Strategic link to Councils School Transformation Programme Most expedient model for delivery; Politically acceptable; Limited risk due to specialist support within LA 	Will prove more expensive for the Local Authority Contractor may not be au fait with the workings and culture of Local Authority					
Maximum: Private Sector partnership (PPP)						
Advantages	Disadvantages					
 Private sector suppliers will provide specialisms and capacity that the Local Authority alone cannot provide Services can be delivered relatively quickly 	 Private contractor is an unknown quantity Contractor may not be au fait with the workings and culture of Local Authority Any private sector partnership will be unlikely to include local contractors; Profit element of partnership may impact on funds available for development 					



3.5.3 Conclusion

Table 13 – Service Delivery appraisal summary

Reference to:	LA	LA & PSP	PPP
Investment Objectives			
Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and well-being of all pupils and deliver the new curriculum for Wales.	✓	✓	√
Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.	✓	✓	✓
Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.	√	√	√
Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales	√	√	√
To provide Welsh-medium provision that is accessible and equitable in a dual stream school	✓	✓	✓
To provide an optimal safeguarding environment.	✓	✓	✓
Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.	√	√	√
Critical Success Factors			
Strategic Fit	×	✓	×
Potential VFM	?	✓	×
Potential achievability	×	✓	✓
Supply side capability	×	✓	✓
Affordability	×	✓	×
Summary	Discounted	Preferred	Discounted



3.6 Implementation Appraisal

3.6.1 Options

- Minimum New Schools open September 2025;
- Intermediate New School opens Spring Term 2025;
- Maximum New School opens September 2024;

3.6.2 Advantages and Disadvantages

Table 14 – Implementation advantages and disadvantages

Mir	Minimum: New School opens September 2025							
Ad	vantages	Disadvantages						
•	Lack of disruption to education in the short term	 Local community disruption due to extended period of works; Delayed to accrual of scheme benefits Immediate cohorts of learns miss out unnecessarily on 21st Century school facilities 						
Inte	ermediate: New School opens Spring Term 202	25						
Ad	vantages	Disadvantages						
•	Immediate cohorts of learns enjoy 21st Century school facilities within a reasonable period of time Minimises disruption to learners once school becomes operational; Ensures Local Authority funding allocation is spent within Welsh Government timescales Allows time for innovation in design but ensures completion within a reasonable time scale; Minimises local community disruption.	Partial delay to accrual of scheme benefits						
Ма	ximum: New School opens September 2024							
Ad	vantages	Disadvantages						
•	Immediate cohorts of learns enjoy 21st Century school facilities within a reasonable period of time Minimises disruption to learners once school becomes operational; Ensures Local Authority funding allocation is spent within Welsh Government timescales Ensures completion in a timely manner; Minimises local community disruption.	 Potential for rushed design (lack of innovation); Timescales may be unrealistic due to lead in time for sourcing materials Requires additional bespoke resource for project in order to deliver upon demanding timescale. 						



3.6.3 Conclusion

Table 15 – Implementation appraisal summary

Reference to:	Sept 25	Spring 25	Sept 24
Investment Objectives			
Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and well-being of all pupils and deliver the new curriculum for Wales.	✓	✓	√
Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.	✓	√	√
Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.	√	√	√
Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales	√	√	√
To provide Welsh-medium provision that is accessible and equitable in a dual stream school	✓	✓	✓
To provide an optimal safeguarding environment.	✓	✓	✓
Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.	√	√	√
Critical Success Factors			
Strategic Fit	✓	✓	?
Potential VFM	✓	✓	✓
Potential achievability	✓	✓	×
Supply side capability	✓	✓	✓
Affordability	✓	✓	✓
Summary	Possible	Preferred	Discounted



3.7 Funding Appraisal

3.7.1 Options

- Minimum Wholly Local Authority funded from capital programme;
- Intermediate Mix of Local Authority borrowing and Welsh Government funding;
- Maximum Wholly Welsh Government grant funded.
- Alternative Mutual Investment Fund (MIM).

3.7.2 Advantages and Disadvantages

Table 16 - Funding advantages and disadvantages

Minimum: Wholly Local Authority funded from capital programme.					
Advantages	Disadvantages				
 Wouldn't require any additional Local Authority borrowing; Maximum control over scale and timescale of scheme. 	 Diverts capital from other community priorities such as Social Care and highways; Cost prohibitive. Affordability 				
Intermediate: Mix of Local Authority borrowing and	d Welsh Government funding.				
Advantages	Disadvantages				
 Ensures affordability of scheme; Provides certainty to Welsh Government i.e. the scheme fits strategically; Allows for the direction of capital monies to other community priorities. 	 Repayment costs for Local Authority may impact on revenue budgets; Welsh Government grant funding requirements may be onerous; Application process may delay delivery. 				
Maximum: Wholly Welsh Government grant funde	d.				
Advantages	Disadvantages				
Enables major capital investment in other community priorities.	 Welsh Government grant funding requirements may be prohibitive; Application process may delay delivery. May stifle innovation. 				
Alternative: Mutual Investment Model					
Advantages	Disadvantages				
 No capital funding required up front; Sponsorship from Welsh Government; Cost certainty (capital and revenue); Welsh Governments preferred model. 	 Development partners may not be interested; Complex ownership and governance model; Multifaceted governance may stifle innovation. 				



3.7.3 Conclusion

Table 17 – Funding appraisal summary

Reference to:	WG 100%	Mix	LA 100%	MIM
Investment Objectives				
Provide a stimulating teaching and learning environment in state of the art, 21st Century facilities that will impact positively on the self-esteem and well-being of all pupils and deliver the new curriculum for Wales.	✓	√	~	~
Remove non DDA compliant poor condition buildings, reduce backlog maintenance and provide environmentally sustainable schools incorporating zero net carbon principles which improve the building's efficiency and running costs.	✓	✓	✓	√
Develop Community-focused schools that are the central point for multi-agency services to support children, young people, families and the community.	✓	✓	✓	✓
Provide Early Years facilities that meet the needs of all children and enable the effective delivery of the Curriculum for Wales	✓	√	✓	✓
To provide Welsh-medium provision that is accessible and equitable in a dual stream school	✓	✓	✓	✓
To provide an optimal safeguarding environment.	✓	√	✓	✓
Ensure that all pupils with SEN/ALN are placed in a provision that meets their needs, with the appropriate specialist teaching, support and facilities that enables every learner to meet their potential.				
Critical Success Factors				
Strategic Fit	×	✓	✓	?
Potential VFM	✓	✓	✓	✓
Potential achievability	✓	✓	?	?
Supply side capability	?	✓	?	?
Affordability	×	✓	✓	✓
Summary	Discounted	Preferred	Discounted	Possible



3.8 Summary of appraisals

Table 18 - Long List Summary

Scope appraisal	Do Nothing: 125 place 4-11 dual stream Primary School	Do Min: 150 pla 4-11 dual stream Primary School			4-11 dual stream school, community Primary		ream	dual stream comm	
Service solution	Do nothing - Close the existing school and relocate pupils to nearest schools.	Business as usua (BAU).	b	Remodel the existing uilding and outside rea.		tension to iing school.	New Build Scho on existing site	ool	New Build school on new site
Service Delivery	Minimum: LA Delivery		Inter	mediate: LA and Priv	ate Secto	r Delivery	Maximum: Private Sector partnership (PPP)		ctor partnership (PPP)
Implementation	Minimum: New School September 2025	opens	Inter 2025		Maximum: New School opens Sep 2024		ol opens September		
Funding	Minimum: Wholly LA Funded	Intermedia Funded	ite: Mi	xed LA & WG	Maximu	m: Wholly W(G Funded		rnative: Mutual stment Fund

As a result of the appraisal exercise, and the comparison of each option with the Investment Objectives and Critical Success Factors, the following options have been short-listed for economic appraisal:

- Option 2: Do Nothing Business as Usual.
- Option 5: New build 150 place 4-11 dual stream community Primary School with early years provision in Sennybridge on existing site.
- Option 6: New build150 place 4-11 dual stream community Primary School with early years provision in Sennybridge on alternative site.

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3.9 Economic Appraisal

The following tables summarise key results of the economic appraisals for each option. Values used for the economic analysis are expressed in base year terms. Options have been risk-adjusted to account for the 'risk retained' (in £s) by the organisation under each option.

3.9.1 Net Present Cost Project

Table 19 – Economic Appraisal

Discounted Cash flow (DCF) Summary Sheet		Inc. Optin	nism Bias	Excl. Optin	nism Bias
Option No.	Option Name/Description	NPC (£m)	EAC (£m)	NPC (£m)	EAC (£m)
Option 2:	Do nothing – business as usual – (BAU)	9.4	0.63	9.2	0.62
Option 5:	New build 5 classroom school on the grassed area of Sennybridge CP School to include Early Years facility and community room.	24.3	0.93	21.3	0.81
Option 6:	New build 5 classroom school on an alternative site within the area to include Early Years facility and community room.	24.8	0.95	21.8	0.83

DCF = Discounted Cash flow

NPC = Net Present Cost

EAC = Equivalent Annual Cost

Option 2 was appraised over 20 years, while options 5 and 6 were appraised over 60 years. This is because Option 2 is essentially 'Do Minimum' option, where the effective life of the asset is expected to be 20 years.

On that basis, the key comparator from the Economic Appraisal table is the Equivalent Annual Cost (EAC), which calculates the average annual (economic) cost to the Council. On that basis, **Option 5 is the preferred economic choice.**



3.10 Qualitative Benefits Appraisal

All of the benefits from the SOC were grouped into four categories, and the benefit groups were then weighted by the project team in order to provide an assessment against the five options.

Table 20 – Benefit Group examples

Benefit Groups	Example of Benefits (info in brackets = how achieved)	Weight
Standards and Breadth of Education	 More pupils with higher qualifications that can provide greater opportunities for future employment, training and education. More opportunities for teachers' professional and personal development (e.g. through access to a wider range of teaching materials [state of the art ICT and emerging technologies] and accessing and sharing sector leading practice via Professional Learning Communities). Employers will have young people with a greater range of employability skills. 	10%
Standards of Facilities and Estate	 Securing positive learning experiences. Increased efficiency through school reorganisation and rationalisation. Facilities which maximise the potential of both teachers and pupils. 	40%
Welfare of Children	 Improved safeguarding of children. Less opportunities for children to be injured/hurt during their school lives. 	30%
Equality of opportunity	Improved access to specialist ALN/SEN provision with the schools.	20%

Each of the benefit groups were scored on a range of 0-10 for each option. These scores were agreed by the workshop participants to confirm that the scores were fair and reasonable.



Table 21 – Benefits Appraisal

		ore	Raw			Weighted		
Benefit Group	Weight	Maximum Score	Option 2	Option 5	Option 6	Option 2	Option 5	Option 6
Standards of Education	10	10	7	9	9	70	90	90
Facilities and Estate	40	10	3	9	9	120	360	360
Welfare of Children	30	10	3	9	9	90	270	270
Equality of opportunity	20	10	3	9	9	60	180	180
Total	100	10	16	36	36	340	900	900
Rank			3	=1	=1	3	=1	=1

3.11 Summary of Appraisals

Table 22 – Summary of Appraisals

Evaluation Results	Option 2	Option 5	Option 6
Economic appraisals (Equivalent Annual Cost)	1	2	3
Qualitative Benefits appraisal	3	1	1
Risk appraisal	N/A	N/A	N/A
Overall Ranking	=2	1	=2

Taking into account the combined appraisals, Option 5 ranks as the preferred option.

Risk has not be appraised at this stage, but a full risk appraisal will be completed at OBC.



4 Commercial Case

4.1 Procurement Method

4.1.1 Procurement Strategy

Three procurement strategy routes were considered in Powys County Council's 21st Century Schools Strategic Outline Programme Commercial Case. Considerations included the following:

- Public/Private partnerships (including via the Mutual Investment Model);
- Joint venture with the private sector;
- Conventional procurement routes utilising framework contractors.

Consideration of these procurement routes concluded that a Joint Venture with the private sector and the Public/Private Partnerships route were unfeasible in this instance of the following reasons:

- i. There was no commitment to further commercial opportunities of significant scale that could be offered to a separate private entity. This would reduce the commercial appeal of entering into a formal partnership or joint venture with Powys County Council.
- ii. Both Private/Public Partnerships and Joint Ventures are more complex and time consuming to set up and manage. Powys only has limited major construction projects to offer, therefore it is less likely that the fixed costs involved in setting up the partnerships would be recovered through down the line savings or savings achieved through quantities of scale.
- iii. Given the scale of development required within the Council's Band A and B 21st Century Schools Programme, it is felt that the additional costs incurred by the complexities of Public/Private partnerships or a Joint Venture with the private sector will not be justified by the potential benefits from entering into these arrangements.

The Council has good experience of working with contractor frameworks and has achieved positive outcomes using such frameworks. The Council has therefore concluded that the optimum procurement route will be to use the revised SEWSCAP framework that was relaunched in June 2019 (SEWSCAP 3). The benefits of utilising contractors from this existing Contractor Frameworks list are as follows:

- 5. Consultation and design development can be carried out by the Heart of Wales Property Services Ltd (HoWPS), which is a 50:50 joint venture partnership between PCC and Kier. The design team will then remain actively involved throughout the duration of the project, fulfilling the intelligent client role once the project is passed over to the successful contractor, thus ensuring continuity of professional staff representing PCC during all stages of the project programme.
- 6. Compliant with EU procurement directives and the Public Contract Regulations (2014), offering a swift route to market and opportunities for early contractor involvement;



- 7. The framework is free to use, offering a variety of contracts, pricing models and the potential for further savings achieved via mini-competition;
- 8. The new SEWSCAP Property Construction Framework is divided into the following lots:
 - Lot 1: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£250,000 to £1,500,000) - Powys County Council and other Potential Employers based or operating in Powys or operating nearby;
 - Lot 2: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works (£250,000 to £1,500,000) Torfaen County Borough Council, Blaenau Gwent County Borough Council, Monmouthshire County Council, Caerphilly County Borough Council or other Potential Employers based or operating near those areas;
 - Lot 3: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works (£250,000 to £1,500,000) Rhondda Cynon Taf County Borough Council, Merthyr Tydfil County Borough Council and Bridgend County Borough Council and any Participating Authorities based or operating near those areas
 - Lot 4: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£250,000 to £1,500,000) - Vale of Glamorgan Council, The County Council of the City of Cardiff Council, Newport City Council or other Potential Employers based or operating near those areas;
 - Lot 5: Provision of Construction services, extensions and refurbishment under traditional or design and build with all associated works (£1,500,001 to £3,000,000)
 Powys County Council and other Potential Employers based or operating in Powys or operating nearby to include new build
 - Lot 6: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£1,500,001 to £3,000,000) - All Potential Employers
 - Lot 7: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£3,000,001 to £5,000,000) - All Potential Employers
 - Lot 8: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£5,000,001 to £10,000,000) - All Potential Employers
 - Lot 9: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£10,000,001 to £25,000,000) - All Potential Employers
 - Lot 10: Provision of Construction services to include new build, extensions and refurbishment under traditional or design and build with all associated works – (£25,000,001 to £100,000,000) – All Potential Employers



In this instance the Council propose to use Lot 8 (£5M - £10M).

The Core principles of the framework are the over-riding objectives guiding the Authority and the Contractor in the operation of this Framework Agreement, and in entering into and performing Call-Off Contracts. The Authority and the Contractor hereby agree:

- To work together and with the Potential Employers, Employers and their advisers in good faith and in a spirit of mutual trust and co-operation;
- To act in a co-operative and collaborative manner so as to achieve and advance the relevant Construction Project;
- To share information honestly and openly; and
- To highlight any difficulties at the earliest possible opportunity.

The Authority and the Contractor agree to work together in accordance with the terms of this Framework Agreement and in co-operation and collaboration with the Potential Employers, Employers and their advisers, to achieve the successful delivery of a series of Construction Projects and in particular, the Core Principles.

4.1.2 Award methodology

Within this framework two methods may be used by Participating Authorities to award contracts under the framework, as summarised below (Direct award applies to Lots 1-7 and 11 only):

- Mini-tender Contractors in the relevant Lots will be invited to tender against a range of quality and pricing criteria. This method will apply to all Lots;
- 2. Early Contractor Involvement mini-tender Early Contractor Involvement allows the Employer to engage with a Contractor via a contract to carry out services such as initial design, feasibility and assisting in planning and business cases etc. This process known as a 2 stage design and build requires bidders to submit an overall price for the whole of the works including the design. This will form the basis for the ECI appointment and will be discussed and refined during ECI with the aim of agreeing prices or a contract sum within the price envelope prior to the start of the construction stage.

Under this mini tendering process, the framework contractors will be asked to price scheme specific Preliminaries and Design Costs including a capped Target Cost as a guide. All other costs would be in accordance with their (already tendered) framework submission. Under the NEC4 Professional Services Contract and NEC4 Engineering & Construction Contract – Option A: Priced Contract with Activity schedule. The interim valuations will be paid on actual invoiced costs for labour, plant, materials and sub-contractors plus overheads and profit with a gain/pain percentage share on completion.



4.2 Required Services

4.2.1 The required service streams:

The required service streams for this programme business case include:

 A new 4-11 dual stream Primary school (150 capacity, plus early years) in Sennybridge.

4.2.2 The specification of required outputs:

- CO2 or energy arising from site activities as deemed required by the contractor to achieve BREEAM Excellent;
- CO2 or energy arising from transport to and from site as deemed required by the contractor to achieve BREEAM Excellent;
- Water consumption arising from site activities as deemed required by the contractor to achieve BREEAM Excellent:
- Air (dust) pollution arising from the site as deemed required by the contractor to achieve BREEAM Excellent;
- Water (ground and surface) pollution occurring on the site as deemed required by the contractor to achieve BREEAM Excellent;
- 80% of site timber is responsibly sourced and 100% is legally sourced;
- Net Zero Carbon building.

4.3 Potential for Risk Transfer.

Table 23 – Risk category

Risk Category	Potential allocation				
	Public	Private	Shared		
Design risk			✓		
Construction and development risk		✓			
Transition and implementation risk			✓		
Availability and performance risk		✓			
Operating risk	✓				
Variability of revenue risks	✓				
Termination risks		✓			
Technology and obsolescence risks	✓				
Control risks	✓				
Residual value risks	✓				
Financing risks	✓				



Legislative risks		✓
Other project risks		✓

4.4 Project Bank Accounts (PBAs)

Details around the approach to PBAs will be developed as this proposal moves through the various approval gates. This will include details of:

- Who will approve the PBA documentation and how? For example, who will approve and sign the Deeds of Trust, Deeds of Adherence / Joining Deed, Bank Mandate.
- Who will agree payments due to the lead contractor and each of their named suppliers and how?
- Who will be responsible for paying money into the PBA and authorising payments out?
- Who will agree why certain supply chain members may not be paid directly from the PBA and the criteria this will be based upon?

It is important that the benefits of PBAs are understood and prospective tenderers understand that they should communicate these benefits down the supply chain, to maximise subcontractor sign up to the PBA. To support this, a briefing pack and information sheet will be provided to tenderers outlining these benefits and requirements.

4.5 Community Benefits

4.5.1 Agreed schedule

The inclusion of community benefits/social requirements within contracts will ensure that wider social and economic issues are taken into account when tendering construction and development work. The Council particularly considers that the works afford an ideal opportunity to the contractor to enhance employment prospects and skills through the recruitment, training and retention of economically inactive people at a disadvantage in the labour market.

4.5.2 Delivery of agreed targets

Based on previous experience, for a project of this value, we anticipate that the successful contractor would:

- Deliver a Meet the Buyer Event to raise awareness of project to local supply chain;
- Use Sell2Wales to advertise opportunities;
- Complete 100% payments to sub-contractors within 23 days of receipt of invoice;
- Utilise and complete the Value Wales Measurement Tool;
- Provide weeks of employment (to be decided); training and/or work experience opportunities for unemployed people, those leaving and educational establishment or training provider; trainee's or apprentices;



- Employee apprentices on the project (numbers to be decided as the scheme develops);
- Conduct a number of pupil interactions;
- Spend a % of contract spend in Wales;
- Divert a % of waste from landfill; and
- Conduct a number of community initiatives throughout the duration of the project.



5 Financial Case

5.1 Project Summary Costs

Table 24 - Key metrics

Project Title and Location	New Build Primary school, Sennybridge	
New Build % (Area)	1,444 sq. Metres	
Refurbishment % (Area)	N/A	
Extension % (Area)	N/A	
Description of work & any unusual constraints	N/A	
# Pupil Places	150	
# SEN Places	0	
Total # Places	150	
# Storeys (including basement)	1	
Delivered through Regional Framework?	Yes	
Contract period in weeks	27 months	
Anticipated Community Benefits	Subject to the outcome of procurement	
# Trainee and apprenticeship opportunities	Subject to the outcome of procurement	
Use of local subcontractors as a % of total cost	Not yet known	

5.2 Breakdown of Capital Costs

Table 34 - Breakdown of capital costs

Project Costs	
Capital Cost	£7,569,575
Optimism Bias	£1,816,698
Risk	£868,308
VAT (only to be included where non-recoverable by applicant)	N/A
Total Project Cost (inclusive of optimism bias and risk)	£10,254,582
Total (It is assumed that optimism bias and risk will be fully mitigated and that the capital build cost is the actual cost upon which the intervention rate will apply.	£4,920,224
Welsh Government Intervention Rate	65%



5.3 Cost Build Up

Table 25 - Cost build up

£s	Total Cost	Years (years 9-59 same as year 8)								
		0	1	2	3	4	5	6	7	8
		2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
Preferred way forward:										
New Build Capital	£7.570	£0.616	£3.005	£3.221	£0.728					
Revenue Cost	£33.492	£0.546	£0.546	£0.546	£0.554	£0.559	£0.559	£0.559	£0.559	£0.559
Total	£41.062	£1.162	£3.551	£3.767	£1.281	£0.559	£0.559	£0.559	£0.559	£0.559
Funded by:										
Existing Revenue	£32.772	£0.546	£0.546	£0.546	£0.546	£0.546	£0.546	£0.546	£0.546	£0.546
Additional Funding Req.	£8.290	£0.616	£3.005	£3.221	£0.735	£0.013	£0.013	£0.013	£0.013	£0.013

5.4 Overall Affordability and Balance Sheet Impact

A balance sheet asset addition of £7,569,575 is made for the new build school. Short term additional funding is required of the full £7,569,575 for years 0 through 3 (inclusive), excluding VAT, retained risks and optimism bias. From the opening of the new school building in 2025 there will be a small increase in the recurring revenue cost of school, at approximately 13K per annum.

The Band B submission has been scrutinised and assessed by the Council's Section 151 Officer for affordability in light of the 65% programme intervention rate. The Council will meet the 35% contribution required to support the project through prudential borrowing.

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6 Management Case

6.1 Programme Management Arrangements

This scheme is a constituent of Powys County Council's Transforming Education Programme, and has been identified within that Programme as a priority. It will be managed in accordance with best practice in programme and project management principles – MSP and PRINCE2 to provide a systematic and effective delivery framework.

Overall corporate governance for the Transforming Education Programme (formerly known as the 21st Century Schools Transformation Programme) is in accordance with the governance arrangements for the Council's Transformation Programmes, as outlined in the following diagram:

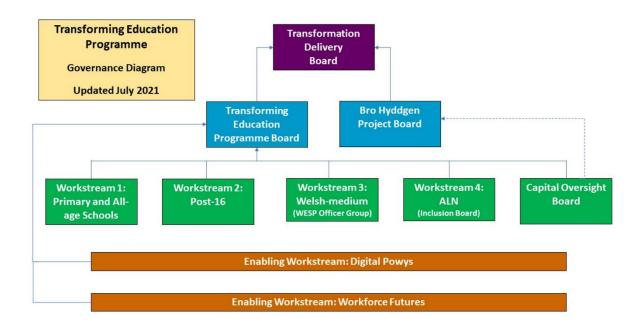
Figure 2: Programme Vision



Governance arrangements for the Transforming Education Programme are set out in the diagram below:



Figure 3: Transforming Education Programme Governance



6.2 Project Management Arrangements

6.2.1 Project Structure

The project will report to Enabling Workstream 1: Capital, as outlined in the diagram above, and will be managed in accordance with the general principles of PRINCE2 methodology.

6.2.2 Outline Project Plan

Table 26 - Outline project plan

Date	Actions (commencement)
03/2022	SOC to Powys CC Cabinet Submit SOC to WG
05/2022	Complete RIBA 2
06/2022	OBC to Powys CC Cabinet Submit OBC to WG
07/2022	Commence Procurement
09/2022	Award Contract
05/2023	Complete RIBA 3/4



Date	Actions (commencement)
07/2023	Planning Approval
10/2023	Submit FBC to PCC Cabinet Submit FBC to WG
01/2024	Commence Construction
01/2025	New school building opens

6.2.3 Benefits Realisation

The strategy, framework and plan for dealing with the management and delivery of benefits will be developed at OBC stage, but it is understood that benefits that will be realised may be either financial or qualitative (for example improvement in educational standards). A strategy and supporting plan for benefits will clearly show what will happen, where and when the benefits will occur. A full benefit realisation plan will be developed for the preferred option at Full Business Case.

6.3 Risk Management

6.3.1 Risk Workshop

All projects have an element of risk and there must be a proactive approach to risk management to balance risks against the potential rewards and plan to minimise or avoid them. It is also acknowledged that taking some amount of risk will be inevitable to the success of the project. The strategy, framework and plan for dealing with the management of risk for the preferred option follows a PRINCE2 methodology.

The register will be a 'living document' and reviewed and amended (where required) during workshops where a risk manager will be appointed to manage the identification, monitoring, updating, control and mitigation of project risks. The framework and plan of the risk register will involve a rated table format. The risk will be described and the date of its identification noted. An initial risk rating will be made and the probability and impact of the risk evaluated, followed by a residual risk rating column. The effects and impact of risk can involve elements such as environment, time, quality, cost, resource, function or safety and regular meetings will be held to review all aspects. Within the format there will also be the facility for proposals to mitigate and manage, identifying the control strategy, risk owner and the current risk status.

The risks and issues identified within this project will be cross referenced with the risks/issues held by the Programme Board so that cross cutting issues can be mitigated safely.



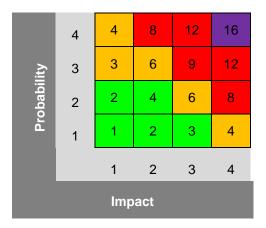
6.3.2 Risk Identification

Risk identification can occur at all levels of the project, whether from the project teams or the project manager regarding the sub-elements of the project or from the Programme Board (where external risks are identified). Initial risks will be identified through structured workshops attended by the relevant experts and these risks will be captured in a formal project risk register document.

When a risk is identified, the project manager will be responsible for evaluating each risk in terms of the likelihood and impact. The project manager will also enter this information onto the risk register and assign a risk owner who will update the project manager on the status of the risk including the results of mitigating actions.

Risk management will be fundamental to the management of the project and as such, the project risk register will be reviewed on a weekly basis by the project manager. All risks arising from the project teams will be sent to the project manager for evaluation. The total risk score for each risk will be calculated by multiplying the probability score (between 1-4 with 4 being certain) and impact score (between 1-4 with 4 being project failure) and all risks scoring 8 and above will be referred to the Project Board for decision. The risk tolerance line for the project is illustrated in the following table.

Figure 4: Risk Tolerance Profile



The risk register will include details of the responsible owner and the required mitigation action for the risk.

6.4 Change and Contract Management

The main aim here is to manage proposed changes to the culture, systems, processes and people working to establish the best option for the council. Change management is not about the provision of the best option but instead focuses on those actions that are necessary to make the best option a working success.



Managers responsible for the key areas will adopt appropriate project management disciplines to meet specific responsibilities. The individual activities may be projects in their own right or be work streams within the overall project.

Planning has been developed for all activities within this change management process through the identification of key outcomes and actions required to ensure successful delivery. Timescales for carrying out such actions, the resources required, and where required, the need for additional resources, have also been determined.

6.5 Gateway Reviews

The Council confirm that it is prepared to complete a Gateway review of the programme at Welsh Government convenience. Further Gateway reviews may then be undertaken during the remaining life of the programme.

6.6 Post Project Evaluation

The outline arrangements for Post Implementation Review (PIR) and Project Evaluation Review (PER) have been established in accordance with best practice and are as follows.

6.6.1 Post Implementation Review (PIR)

These reviews ascertain whether the anticipated benefits have been delivered and are timed to take place a year post construction, i.e. January 2026.

6.6.2 Project Evaluation Reviews (PERs)

PERs appraise how well the project was managed and delivered compared with expectations and are timed to take place one-year post construction, i.e. January 2026.

6.7 Contingency Plans

In the event of project failure, the existing schools will continue to operate until such time that the project can be righted.

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