



Llywodraeth Cymru
Welsh Government



Wales Infrastructure Investment Plan – Project Pipeline Update 2018

Building prosperity for all

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Introduction

The Wales Infrastructure Investment Plan 2012 committed to improving transparency and visibility through regular reporting on the pipeline of infrastructure projects. Publishing a detailed pipeline of capital investment projects enables funding and delivery partners to ensure they are best placed to support ongoing and upcoming infrastructure projects including identifying opportunities for collaboration and attracting and developing the necessary skills and expertise.

The first pipeline published, in May 2012, detailed 73 Welsh Government schemes, with a total value of over £4bn. This, the seventh iteration, provides updated information on planned Welsh Government projects, local authority funded schemes and private investment in the water, energy and rail sectors. It gives details of more than 350 investments with a value of around £42bn.

The Welsh Government is investing over £6.5bn capital funding over the period 2018-19 to 2020-21 and this will be further boosted through innovative finance initiatives, borrowing and other sources of funding.

The pipeline can also be accessed as an excel document at www.gov.wales/funding/wales-infrastructure-investment-plan/project-pipeline

Further information on the pipeline of approved local authority capital schemes is available from Constructing Excellence in Wales www.cewales.org.uk/publications/.

Regular pipeline reports will continue to be published and feedback or suggestions on how to improve this report are welcome. Comments can be e-mailed to WIIPMailbox@gov.wales.

Annex 1 – Welsh Government Project Pipeline

This section of the pipeline outlines Welsh Government programmes and projects where total scheme value exceeds £15m and, if not already started, are due to begin within the next three years.

This includes our flagship commitments in **Taking Wales Forward** and **Prosperity for All**, such as delivering 20,000 affordable homes across Wales, creating a South Wales Metro and developing a plan for a North East Wales Metro; investing in a new generation of integrated health and social care centres, such as Cardigan Integrated Care Centre; investing in new and refurbished schools as part of our 21st Century Schools and Education programme; superfast broadband and, subject to the outcome of the public inquiry, delivering an M4 relief road.

It is based on current expectation of future funding. Whilst the schemes presented are our priority projects and have a high probability of being delivered as described, this does not represent a formal commitment from the Welsh Government. This reflects the potential for future uncertainties, including the future public spending outlook.

Sectors

Economic Development

The Welsh Government's national strategy, **Prosperity for All** and the **Economic Action Plan** identify the strong and critical role a modern and connected infrastructure plays in enabling inclusive growth and wellbeing. Investing in our transport infrastructure, digital connectivity and the quality of business sites and premises is essential to better connected people, places and businesses and in turn influences productivity and competitiveness. The **National Transport Finance Plan**, setting out a five year programme of road, rail, bus and active travel improvements, the £20m Advanced Manufacturing Research Institute and the £62m identified for a new broadband scheme to build on the success of Superfast Cymru, are examples of how we are delivering on this agenda.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Enterprise Zone (EZ) delivery (includes an amalgamation of sectors' projects and projects delivered elsewhere in the plan e.g. Transport projects)	£350m	£215m	Ongoing programme to deliver initiatives in the 8 Enterprise Zones.
2. The Mill	£100m	£6m	Construction of residential units commenced in 2017. Development to be completed in phases over a 4 year period.
3. Parc Eirin	£30m plus	£1m	Construction of homes to commence before the end of 2018.
4. Whiteheads	£75m plus	£7m	Construction expected to commence later in 2018.
5. Porth Teigr	£386m	£38m	Started 2013. A phased development over 12 years.
6. Next Generation Access Broadband	Tbc	£62m	2018-21.
7. International Convention Centre Wales, Newport	Tbc	Tbc	2017-24.
8. Development Bank of Wales	£1.0bn	£700m (including £454m for Help to Buy)	2017 onwards.
9. Sites and Premises	£125m	£100m	2015-20.
10. Advanced Manufacturing and Research Institute – Deeside EZ	£20m	£20m	2017-22.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
11. Thermal Hydraulic Research and Test Facility at Menai Science Park, Anglesey	£52m	£20m	2018-26.
12. Tourism and Culture Programme	£53m	£53m	2018-23.
13. Tech Valleys Programme (formerly called Automotive Technology Park)	£100m	£100m	Commencing 2018-19.

1. Enterprise Zone (EZ) delivery (includes an amalgamation of sectors' projects and projects delivered elsewhere in the plan e.g. Transport projects)

Finance and delivery

Finance and delivery options vary across the individual projects which are listed separately in the report.

Additional information

A programme for government commitment, EZ Boards have been established to provide advice on the most suitable and effective mechanisms for maximising economic opportunities in each EZ and set out individual strategic plans, which have been published at www.enterprisezones.wales.gov.uk.

Current significant capital projects listed in this document also achieve aims of the EZ Strategic Plans, for example the Five Mile Lane Improvement Scheme, the Deeside Advanced Manufacturing Research Institute and the Ebbw Vale Technology Park.

2. The Mill

Finance and delivery

Joint Welsh Government/private sector investment. Ely Bridge Development Company, a 'Not for Profit' organisation founded by the Welsh Government and Principality Building Society, will lead the venture using an innovative investment model to unlock capital funding and build much needed affordable and open market housing.

Additional information

The Mill project will provide 800 new homes, over 50% of which will be affordable, unprecedented for this type of development. Infrastructure works are complete and construction of the first residential units commenced in 2017, the first families moved in, in December 2017.

3. Parc Eirin

Finance and delivery

Sister company to The Mill and part of the Tirion Homes Group will lead the venture using an innovative investment model to unlock capital funding and build much needed affordable and open market housing.

Additional information

The scheme will deliver around 220 homes, over 50% of which will be affordable. Site preparation works are complete and Parc Eirin Development Company is close to agreeing a partnership with a Registered Social Landlord.

4. Whiteheads

Finance and delivery

Sister company to The Mill and part of the Tirion Homes Group will lead the venture using an innovative investment model to unlock capital funding and build much needed affordable and open market housing.

Additional information

The scheme will deliver over 250 affordable homes and 250 open market homes, together with land for a new school. The remediation contract has completed, and planning permission has been granted by Newport City Council.

5. Porth Teigr

Finance and delivery

Welsh Government and private sector investment. To date the Roath lock studios for BBC Wales and the 40,000 sq ft Gloworks building have been completed. The Welsh Government has served a termination notice on Igloo Regeneration Partnership under the terms of the Development Agreement. This has now been accepted and from the end of June 2018 the Welsh Ministers will be in control of all future developments at Porth Teigr.

Additional information

This strategic mixed use development will provide up to 2m sq. ft on a site of circa 38 acres. There is now a master plan in preparation for the extension of the site to Alexandra Head at the edge of the barrage. There is the potential to develop more than 1,250 new homes, in addition to the commercial space but, subject to provision of sufficient infrastructure by the public sector.

6. Next Generation Broadband

Finance and delivery

To be financed by WG and European Funding.

Additional information

The investment builds on the successful Superfast Cymru (SFC) project by continued deployment of superfast and ultrafast broadband infrastructure to premises that do not receive a minimum of 30mb/s. across Wales. For every £1 of public money invested, Superfast Cymru generates an estimated £6.70 in net economic benefits for Wales and additional investment is anticipated to extend the reach of this benefit.

7. International Convention Centre Wales

Finance and delivery

Financed and delivered as a joint venture with Celtic Manor Resorts Limited.

Additional information

This innovative development with the Celtic Manor Hotel will make a significant addition to the built environment of Wales, be the first iconic building visitors to Wales see as they drive into Wales, provide a significant boost to the South Wales economy and promote Wales on the UK and International stage.

8. Development Bank of Wales

Finance and delivery

The Development Bank of Wales is a Welsh Government owned subsidiary company.

Additional information

The Development Bank of Wales marks a step change in government-backed funding for Welsh businesses and will fill the gap between the finance the private sector supplies and the funding Welsh businesses demand.

9. Sites and Premises

Finance and delivery

Financed and delivered through a combination of Welsh Government led interventions, joint venture arrangements or direct funding to our public and private sector delivery partners. The programme draws in match funding from both public and private sector partners as well as EU funding.

Additional information

The programme will provide Wales with a state of the art industrial unit base to provide the right sites for Welsh business to grow and develop as well as competing for international investment with the rest of the UK and globally. The Sites and Premises programme will make a significant impact within the Valleys Taskforce initiative.

10. Advanced Manufacturing and Research Institute (AMRI) – Deeside EZ

Finance and delivery

Financed and delivered by the Welsh Government. The AMRI will offer a dual site facility which encapsulates the Advanced Manufacturing Institute (AMI) proposal and includes a site at either Deeside Industrial Park or Northern Gateway (circa 2000m² – exact location to be confirmed) focussed on light engineering, training and collaboration and the second at Broughton (circa 4000-4500m²) to focus on the larger scale ‘heavy end’ advanced manufacturing.

Additional information

The AMRI concept builds on a body of work undertaken by the Deeside Enterprise Zone Board which identified a clear need for an AMI in the region.

11. Thermal Hydraulic Research and Test Facility at Menai Science Park, Anglesey

Finance and delivery

The Welsh Government has the opportunity to collaborate with the UK Government’s Department for Business, Energy and Industrial Strategy (BEIS) to deliver the project as part of the UK Government’s nuclear research programme. The project requires in principle funding of up to £20m which levers in £32.55m match funding from BEIS.

Additional information

The Thermal Hydraulic Research and Test Facility at Menai Science Park on Anglesey is a proposal to bring a major research and testing facility to North Wales that has a legacy expectancy of up to 50 years.

12. Tourism and Culture Programme

Finance and delivery

Finance and delivered by the Welsh Government, in conjunction with partners in the tourism trade and our Welsh Government Sponsored Bodies.

Additional information

The programme will invest in our tourism and cultural offering, comprising:

- Investment in tourism product – major hotels and visitor attractions;
- Investment in income generating programmes at Cadw, the National Museums and the National Library; and
- Essential conservation and maintenance work on our monuments and museums.

13. Tech Valleys Programme (formerly called Automotive Technology Park)

Finance and delivery

The programme will comprise a range of stand-alone projects delivered over the short, medium and long term; it will seek to leverage additional public and/or private sector funding.

Additional information

The Tech Valleys development in Blaenau Gwent will adopt a strategic approach alongside the Valleys Taskforce, the Swansea Bay City Region and Cardiff Capital Region city deals, and the UK Industrial Strategy. It has the potential to create 1,500 high quality jobs through significant investment to stimulate inclusive growth across the south Wales Valleys.

Transport

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. South Wales Integrated Transport – Metro	£738m	£738m	2017-22.
2. North East Wales Metro	TBC	TBC	2017-onwards.
3. Llanwern station	£50m	£50m	2018-21.
4. Delivery of Pinch Point Schemes	£63m	£63m	2017–21.
5. Grant funding for Local Authority transport projects	Over £50m	£50m	2018-21.
6. A487 Caernarfon – Bontnewydd bypass	£125m	£125m	Draft Orders published in August and September 2016. Work due to start on site late 2018. Anticipated completion 2021.
7. A483/A489 Newtown bypass	£95m	£95m	Work started February 2016. Anticipated completion late 2018/early 2019.
8. Improvements to Junction 28 of the M4	£20m	£20m	Work due to start early 2017. Anticipated completion September 2018.
9. Five Mile Lane Improvement Scheme	£26.5m	£26.5m	Construction started March 2018. Anticipated completion 2019.
10. A465 Heads of the Valleys Dualling Abergavenny to Hirwaun – Section 2 (Gilwern to Brynmawr)	£274m	£274m	Construction started December 2014. Anticipated completion Autumn 2019.
11. A465 Heads of the Valleys Dualling Abergavenny to Hirwaun – Section 5 (Dowlais to A470) and Section 6 (A470 to Hirwaun)	£440m equivalent total capital cost	£440m equivalent total capital cost	Public Local Inquiry April 2018. Due to start on site in 2019. Anticipated completion by 2023.
12. A40 West of St Clears Improvement – Llanddewi Velfrey to Penblewin	£35m	£13m	Construction to begin Spring 2019. Anticipated completion by end 2020.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
13. M4 Corridor around Newport	£1.287bn	£1.287bn	Draft Orders published March 2016. Public inquiry closed February 2018.
14. M4 Brynglas Tunnels	£40m	£40m	Started early 2016 with an anticipated completion date of May 2018.
15. A487 New Dyfi Bridge	£32m	£32m	Planned to start in 2018.
16. A55 Abergwyngregyn to Tai'r Meibion	£22m	£8m	Planned to start in 2018.
17. A55 Junctions 15 and 16	£40m	£14m	Planned to start in 2020.
18. A55 Third Menai crossing	£130m plus	£130m plus	Planned to start in 2020.
19. A55/A494/A458 Deeside Corridor	£250m plus	£250m plus	Planned to start in 2020.
20. Rollout of Integrated Active Travel Routes	£120m	£120m	2018-19 to 2020-21.

1. South Wales Integrated Transport – Metro

Finance and delivery

Funding includes EU and Department for Transport (DFT) contributions distributed via the Welsh Government (WG). Cost profile and delivery timescale subject to competitive dialogue.

Additional information

Phase 2 of a new and potentially transformational scheme to create a South Wales Metro system through better bus, rail and walking/cycling links.

Proposals for additional new transformative projects, including the Cardiff central transport hub, are also under development. These strategic integrated investment projects will complement Metro Phase 2 to enhance planned outcomes of this key initiative.

2. North East Wales Metro

Finance and delivery

Work is currently ongoing to develop a programme of investments focusing initially on key employment hubs across the region. Delivering the Metro vision will require significant funding beyond 2020-21 as it will inevitably involve delivering major infrastructure improvements.

North East Wales Metro will be a combination of schemes that are already identified as stand alone projects within the pipeline and new schemes as they emerge.

Additional information

The vision for North Wales and the North East Wales Metro was published in March 2017.

3. Llanwern station

Finance and delivery

Financed and delivered by WG.

Additional information

Delivery of a new railway station at Llanwern along with stabilising lines and a major park and ride facility. The delivery of the new station will complement the significantly important South Wales Metro programme of activity.

4. Delivery of Pinch Point Schemes

Finance and delivery

Financed and delivered by WG.

Additional information

Delivery of pinch point schemes across Wales to tackle road based congestion. Funding total is for schemes delivered over the next 4 years. The delivery of pinch point schemes will be co-ordinated by WG largely through the trunk road agents, but also through local authorities (LAs).

Includes £33m for trunk road schemes, £15m for local road improvements and £15m for north to south over taking improvements.

5. Grant funding for LA transport projects

Finance and delivery

Applications are invited annually from all LAs and awarded on a competitive basis. Match funding required for Local Transport Fund.

Additional information

This is an annual grant funding process. The grant areas include:

- Local Transport Fund
- Road Safety (capital)
- Safe Routes in Communities

The projects will be delivered throughout the course of the year by LAs following successful bids for funding. The level of funding varies year on year subject to budget availability and schemes put forward.

6. A487 Caernarfon – Bontnewydd bypass

Finance and delivery

Financed and delivered by WG.

Additional information

Bypass to the south, south east, east and north east of Caernarfon. The bypass will take traffic away from the congested areas of Dinas, Bontnewydd and Caernarfon.

7. A483/A489 Newtown bypass

Finance and delivery

Financed and delivered by WG.

Additional information

Bypass to the south, south east and east of Newtown to take traffic away from existing route through Newtown.

8. Improvements to Junction 28 of the M4

Finance and delivery

Financed and delivered by WG.

Additional information

The scheme is part of a number of measures planned to improve the operational capacity at junction 28.

9. Five Mile Lane Improvement Scheme

Finance and delivery

Financed by WG. Delivered in partnership with Vale of Glamorgan Council.

Additional information

The scheme is part of wider work to improve access to the St Athan and Cardiff Enterprise Zones from Culverhouse Cross.

10. A465 Heads of the Valleys Dualling Abergavenny to Hirwaun – Section 2 (Gilwern to Brynmawr)

Finance and delivery

Financed by WG. Project being delivered by WG via Costain using a Design and Build contract.

11. A465 Heads of the Valleys Dualling Abergavenny to Hirwaun – Section 5 (Dowlais to A470) and Section 6 (A470 to Hirwaun)

Finance and delivery

Financed through WG innovative finance initiative Mutual Investment Model (MIM).

Additional information

Improvement of 8km of the existing A465 between Gilwern and Brynmawr from a single 3-lane carriageway to dual 2-lane carriageway and associated grade-separated junctions.

12. A40 West of St Clears Improvement – Llanddewi Velfrey to Penblewin

Finance and delivery

Project will be delivered using an Early Contractor Involvement Design and Build contract.

European Regional Development Fund (ERDF) Funding for circa 65% of the overall project costs confirmed in December 2016. Remainder to be funded by WG.

Additional information

Improvement of a 5km length of the existing single carriageway A40 to a 2+1 configuration to improve road safety as well as journey times and reliability. Second phase of the A40 west of St Clears improvement scheme which will improve access to the ports of Fishguard and Milford Haven, as well as the Haven Waterway Enterprise Zone.

13. M4 Corridor around Newport

Finance and delivery

Financed and delivered by WG.

Additional information

A new section of motorway south of Newport between Junctions 23 – 29.

Public Inquiry is due to conclude in spring 2018. Inquiry allows all views to be heard and the Scheme to be scrutinised by independent inspectors.

The Inspector's report will inform a final decision on whether to proceed with construction in 2018.

Reclassification of the current motorway between Junctions 23 – 29 to a trunk road.

14. M4 Brynglas Tunnels

Finance and delivery

Financed and delivered by WG.

Additional information

Major refurbishment of the tunnels.

15. A487 New Dyfi Bridge

Finance and delivery

Financed and delivered by WG.

Additional information

New 1.2km trunk road to the north of Machynlleth to address flooding and resilience issues.

16. A55 Abergwyngregyn to Tai'r Meibion

Finance and delivery

Delivered by WG with ERDF Funding for circa 65% of the overall project costs confirmed in December 2016. Remainder to be funded by WG.

Additional information

Improvement of 2.2km of the A55 to address safety and flood risks.

17. A55 Junctions 15 and 16

Finance and delivery

Delivered by WG with ERDF Funding for circa 65% of the overall project costs confirmed in December 2016. Remainder to be funded by WG.

Additional information

Grade separation of two existing roundabout junctions on the A55 to improve safety and journey time reliability.

18. A55 Third Menai crossing

Finance and delivery

Financed and delivered by WG in partnership with external partners.

Additional information

A new crossing of the Menai Strait to improve safety, journey times and network resilience.

19. A55/A494/A458 Deeside Corridor

Finance and delivery

Financed and delivered by WG.

Additional information

Improvement of approximately 12km of carriageway between Queensferry and Northop to address traffic congestion, resilience and safety issues in the Deeside area.

20. Rollout of Integrated Active Travel Routes

Finance and delivery

To be financed by WG and delivered by LAs.

Additional information

The investment will improve infrastructure and develop sustainable active travel routes in local communities across Wales. The Active Travel Act 2013 places duties on LAs and WG to promote cycling and walking activity. This funding support increased activity levels across Wales.

Environment – Flood and Coastal Risk Management

Over this government term we will provide over £263m capital investment across Wales to local authorities and Natural Resources Wales to reduce the risk of flooding and coastal erosion. Of which £115m is included in the pipeline for the coastal risk management programme, established to respond to the challenges of climate change and encourage coastal adaptation.

In addition to building or maintaining defences the projects are also aimed to achieve wider benefits and outcomes including better land management, awareness raising, working with nature to reduce run-off and better planning of development.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Welsh Government Flood and Coastal Erosion Risk Management Programme Investment	£115m plus local authority contribution of 15 to 25% plus partnership funding contributions	£115m	From 2017-18 to 2020-21.
2. Coastal Risk Management Programme	£150m	£112.5m	From 2018-19 to 2021-22.

1. The Welsh Government Flood and Coastal Erosion Risk Management Programme Investment

Finance and delivery

Projects are led by Natural Resources Wales (NRW) and local authorities (LAs).

The programme will continue with investment prioritised to areas of greatest risk.

Additional information

Coastal and main river projects led by NRW are funded 100% through Grant in Aid. Coastal erosion, stream and surface water projects led by LAs are funded either 75% (coastal scheme) or 85% (non-coastal schemes).

Flood and coastal risk management capital funding can also grant fund Natural Flood Management schemes.

2. Coastal Risk Management Programme

Finance and delivery

Coastal projects led by LAs with 75% Welsh Government funding contribution provided through Local Government Borrowing Initiative.

Additional information

This programme is in development and the individual schemes to be taken forward are not yet known (at outline or design stage). Final decisions will be made based upon assessment of business cases.

Environment – Waste

The Welsh Government’s waste infrastructure programme was established to help local authorities with the affordability of securing long-term, sustainable food and residual waste treatment contracts that offer value for money to taxpayers. **Taking Wales Forward** commits to develop policies that will help tackle climate change and achieve sustainable energy production and consumption.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Central Wales Food Waste Project	£14m	£237k revenue pa (15 years)	Started November 2012. Completion due 2027.
2. North East Wales Food Waste Project	£7.3m	£1.09m capital £109k revenue pa (15 years)	Started July 2014. Completion due 2027.
3. South West Wales Food Waste Project	£14m	£102k revenue pa (15 years)	Started August 2017. Completion due 2032.
4. Heads of the Valleys Food Waste Project	TBC	Capped in-principle funding offer of £325k revenue pa (15 years)	Forecast start April 2018 for a 15 year contract.
5. Cardiff Food and Organic Waste Project	£8.2m	£282k revenue pa (15 years)	Started April 2017. Completion due 2032.
6. Tomorrow's Valley Food Waste Project	£7.3m	£1.32m capital £124k revenue pa (13 years 5 months)	Started July 2015. Completion due 2028.
7. Prosiect GwyriAD Food Waste Project	£6.2m	£1.03m capital £118k revenue pa (15 years)	Started October 2013. Completion due 2028.
8. Prosiect Gwyrdd (Residual Waste)	£223m	£4.26m revenue pa (25 years)	Started April 2016. Completion due 2041.
9. North Wales Residual Waste Treatment Project	£180m	£5.56m revenue pa (25 years)	Scheduled to start in 2019-20. Completion due 2044-45.
10. South West Central Wales Residual Waste Treatment Project	TBC	TBC	Project options are currently being scoped by LAs.
11. Tomorrow's Valley Residual Waste Treatment Project	£1.82m (WG procurement support only)	£2.31m revenue pa (25 years)	Started April 2016. Due to end 2041.

1. Central Wales Food Waste Project

Finance and delivery

Contract awarded to Agrivert. Anaerobic Digestion to secure a long-term, sustainable treatment solution for 17,000 tonnes pa of food waste.

Additional information

Hub formed by Powys and Ceredigion (Pembrokeshire joined November 2014).

2. North East Wales Food Waste Project

Finance and delivery

Contract awarded to Biogen. Project will secure a long-term, sustainable treatment solution for 22,500 tonnes pa of food waste. Anaerobic Digestion facility built and operating at Rhualt, Denbighshire.

Additional information

Hub formed by Denbighshire, Conwy and Flintshire.

3. South West Wales Food Waste Project

Finance and delivery

Contract awarded to Agrivert, securing long-term treatment for 19,000 tonnes pa of food waste at the Stormy Down facility, Bridgend.

Additional information

Hub formed by Swansea and Bridgend.

4. Heads of the Valleys Food Waste Project

Finance and delivery

The local authorities (LAs) started procurement in September 2016, with the draft Final Business Case submitted in December 2017.

Additional information

Hub formed by Blaenau Gwent, Torfaen, and Monmouthshire.

5. Cardiff Food and Organic Waste Project

Finance and delivery

Contract awarded to Kelda Organic. Project will secure a long-term, sustainable treatment solution for 30,000 tonnes pa of food waste. Anaerobic Digestion facility built and operating at Tremorfa, Cardiff.

Additional information

Hub formed by Cardiff and Vale of Glamorgan.

6. Tomorrow's Valley Food Waste Project

Finance and delivery

Contract awarded to Biogen. Project will secure a long-term, sustainable treatment solution for 22,500 tonnes pa of food waste. Anaerobic Digestion facility built and operating at Bryn Pica, Rhondda Cynon Taf.

Additional information

Hub formed by Rhondda Cynon Taf, Merthyr Tydfil and Newport.

7. Prosiect GwyriAD Food Waste Project

Finance and delivery

Contract awarded to Biogen. Anaerobic Digestion facility at Llwyn Isaf built and services started in October 2013. Contract to secure a long-term, sustainable treatment solution for 11,000 tonnes pa of food waste.

Additional information

Gwynedd Council.

8. Prosiect Gwyrd (Residual Waste)

Finance and delivery

Contract awarded to Viridor for long-term treatment of 175,000 tonnes pa of residual waste.

Consortium formed by Cardiff, Newport, Caerphilly, Vale of Glamorgan and Monmouthshire.

Additional information

A merchant Energy from Waste (EfW) facility is operating at Trident Park in Cardiff.

9. North Wales Residual Waste Treatment Project

Finance and delivery

Contract awarded to Wheelabrator Technologies for long-term treatment of 117,000 tonnes pa of residual waste.

Additional information

Consortium formed by Gwynedd, Isle of Anglesey, Conwy, Flintshire and Denbighshire. The Parc Adfer energy recovery facility is under construction in Deeside.

10. South West Central Wales Residual Waste Treatment Project

Finance and delivery

Project is at feasibility stage. The LAs are working with the Welsh Government to scope a potential project and options are now being considered by the authorities. The LAs are in the process of procuring a technical advisor to lead a review of technical options and market feedback.

Additional information

The LAs in South-West Wales are considering options for the long-term treatment of their residual waste.

11. Tomorrow's Valley Residual Waste Treatment Project

Finance and delivery

Contract awarded to Viridor for long-term treatment of 90,000 tonnes pa of residual waste.

Additional information

Consortium formed by Rhondda Cynon Taf, Merthyr Tydfi, Blaenau Gwent and Torfaen.

Energy

The **Welsh Government Warm Homes (WGWH)** Programme, which includes the Nest scheme and Arbed projects, has 4 years committed funding totalling £104m for the period 2017-2021 to improve the energy efficiency of 25,000 homes. The Programme also creates business employment opportunities for small-medium and large sized contactors involved in delivering the domestic installation process.

The Welsh Government's **Green Growth** initiative seeks to accelerate the decarbonisation of our public services, creating new opportunities for businesses in Wales in the transition to a low carbon economy. By the end of the current government term we expect to have nearly £70m invested in public sector energy projects, with an expected £650m in cash savings on energy, and to reduce emissions by 2.5m tonnes of CO₂ over the lifetime of the assets we fund.

Energy efficiency is an important component of the activities to help us meet the ambitions set out under the Environment (Wales) Act 2016 and in delivering the Welsh Government's national strategy **Prosperity for All**.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Welsh Government Warm Homes Nest	£72m	£72m	April 2017 to March 2021.
2. Welsh Government Warm Homes Arbed	£47m Includes £24m WEFO funding	£23m	April 2017 to March 2021.
3. Green Growth Wales	TBC	Total invested finance expected to be nearly £70m by the end of the current government term	A mature pipeline of energy efficiency, renewable energy and heat projects has been developed in the Welsh Public Sector.

1. Welsh Government Warm Homes Nest

Finance and delivery

OJEU procurement process for a new scheme manager is underway, led by National Procurement Service (NPS). Tenders were issued in September 2017 with the contract awarded in December 2017. The new contract will commence on 1 April 2018.

Additional information

Nest will continue to be a demand-led fuel poverty scheme that targets low income households living in the most energy inefficient homes. The scheme offers a range of advice and support to help households to reduce their energy bills and improve their health and well being. The support provided also includes referrals for eligible households for a package of free home energy efficiency improvements. In the new scheme the eligibility criteria will be extended to include households with a member who suffers from a circulatory or respiratory condition.

It is a contractual requirement for the new scheme to continue to lever in additional funding from the Energy Company Obligation (ECO), but it is difficult to quantify the level of that funding at this stage.

2. Welsh Government Warm Homes Arbed

Finance and delivery

The NPS are currently leading on the OJEU procurement process which is underway for a new Scheme Manager to deliver the Arbed 3 programme of energy efficiency and fuel poverty support.

Additional information

Arbed continues to deliver an area-based fuel poverty scheme that targets homes in areas where households are more likely to be in severe fuel poverty. The scheme provides households of primarily owner occupier tenure, with free home energy improvements and advice, helping to improve the energy efficiency performance of their homes, reducing household energy bills and tackling fuel poverty, reducing carbon emissions and creating jobs and growth in the energy efficiency sector.

3. Green Growth Wales

Finance and delivery

Welsh Government capital is being deployed through recyclable funds.

Future projects within the public sector will continue to draw on this fund. We continue to work to promote shared ownership opportunities and innovate financing of projects across all sectors.

Additional information

Green Growth Wales aims to increase and accelerate projects to deliver green investment in Wales. It focusses on encouraging investment in resource efficiency, renewable energy generation and waste projects.

Green Growth Wales will provide a suite of interventions across sectors to meet challenging investment and carbon dioxide emissions savings. Our early investments are performing well, giving confidence to future projects in our pipeline. We have introduced the Re:fit Cymru guaranteed energy savings scheme to help to de-risk energy efficiency projects.

Services are drawing to a close in 2018 with the first successor arrangements being procured to ensure continuity.

Housing

Housing was identified as one of five priority areas in the Welsh Government's national strategy **Prosperity for All**, and we committed to actions including delivering 20,000 affordable homes, introducing a Rent to Own scheme, supporting innovative housing and responding to an ageing population. We are supporting our housing ambitions through record investment totalling £1.7bn over this government term, which includes specific investment to support the objectives we have set out. The individual scheme allocations detailed in the pipeline are subject to change based on an annual evaluation of each programme.

Investment in housing provides support to the Welsh economy maintaining and supporting jobs in the construction industry and also the supply chain. Providing good quality housing helps tackle poverty (including fuel poverty), and improves educational achievement.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Social Housing Grant (SHG) Programme – Main Programme	£709.5m	£411.5m over government term	Ongoing (rolling programme of development).
2. Welsh Housing Partnership (WHP)	£75m	£15m over government term	Three year programme starting 2018-19.
3. Physical Adaptation Grant (PAG)	£40m	£40m over government term	Annual programme £8m per annum.
4. Integrated Care Fund	TBC	£50m over government term	Investment commenced 2016-17.
5. Housing Finance Grant (HFG)	£122m	Revenue funding of £4m per annum for 30 years, totalling £120m, circa £60m capital equivalent support	The majority of housing schemes built under this project were completed by 2015-16.
6. Housing Finance Grant 2 (HFG2)	£263m	Revenue funding of £3.6m in year 1 (2017-18), £7.3m in year 2 (2018-19) and £9m per annum from then on for a period of 28 years equivalent support	Funding started 2017-18.
7. Innovative Housing Programme	£500m	£90m over 3 years	Following an Initial phase in 2017-18; the full programme will begin in 2018-19 for 2 years.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
8. Help to Buy – Wales Shared Equity Scheme Phase II	TBC	£290m over government term	The scheme opened for equity loan funding in September 2016 and will close to new investments during 2021.
9. Rent to Own	TBC	£70m over government term	Scheme launched in February 2018.
10. Housing Health and Social Care	TBC	£75m over government term	Investment to commence 2017-18.
11. Welsh Housing Quality Programme – Major Repairs Allowance (MRA)	£2bn	£108m per annum	Started 2004 and is ongoing.
12. Houses into Homes	£165m	£30m	The scheme opened in 2012 and is ongoing.
13. Land for Housing Scheme	£130m	£42m to date	The scheme started in 2014-15 as a pilot.
14. Property Development Fund	£270m over 14 years	£30m	Initial investment is to be made in 2017-18.
15. Home Improvement Loans	£55m	£10m	The scheme started in 2014-15.
16. Gypsy and Traveller sites	£26.4m	£26.4m	Started 2014-15 and current scheme forecast of demand runs until 2020-21.

1. Social Housing Grant (SHG) Programme – Main Programme

Finance and delivery

SHG provides funding for affordable housing schemes. Grant is paid to Registered Social Landlords (RSLs) who are responsible for appointing contractors. Local authorities (LAs) are responsible for deciding which affordable housing schemes are prioritised for funding and which RSLs develop and manage the schemes.

Additional information

Schemes are planned three to five years in advance with flexible start dates.

2. Welsh Housing Partnership (WHP)

Finance and delivery

WHP is made up of 4 RSLs, Pennant Homes, Hendre Group, Seren Group and Grwp Cynefin. The WHP is a jointly owned “Special Purpose Vehicle” owned by the four members providing properties for intermediate rent. The model is relatively novel in that the Partnership will purchase the properties and then lease them back to the associations for a period of ten years.

Additional information

WHP either purchases properties from the open market either recently completed or existing dwellings.

3. Physical Adaptation Grant (PAG)

Finance and delivery

PAG provides funding for adaptations to RSL tenants properties. The programme is demand led and responds to specific needs for adaptations such as stairlifts, level access showers and ground floor extensions.

Additional information

Adaptations helps tenants remain independent in their own home, should their circumstances change and also assists with delayed transfer of care which in turn provides savings to the Health and Social Care budgets.

4. Integrated Care Fund (capital)

Finance and delivery

The Integrated Care Fund supports the NHS, social care, housing providers and other partners to work together to provide care and support services.

Additional information

The funding provides housing, support, and equipment for older people, people suffering with dementia, young people and carers, and people with learning disabilities.

5. Housing Finance Grant (HFG)

Finance and delivery

Over 1,000 homes will be delivered by this initiative. The houses are delivered by RSL partners in much the same way as the SHG programme.

Our HFG funding was subject to the RSLs using the endorsed borrowing products which brought new sources of finance to the Welsh sector.

Additional information

Investment in housing provides support to the Welsh economy maintaining and supporting jobs in the construction industry and also the supply chain.

6. Housing Finance Grant 2 (HFG2)

Finance and delivery

It is anticipated that over 1,500 homes will be delivered by this initiative. The second phase of HFG2 has been made available to RSLs, including Large Scale Voluntary Transfer organisations (LSVTs) and stock retaining LAs. For RSLs and LSVTs, HFG2 will be blended with SHG so each scheme will be part funded by both grants to ensure fairness across the sector.

Unlike HFG1, involvement in a collective finance product is not mandatory, but is being explored in order to drive down the price of borrowing by accessing finance from the capital markets.

Additional information

Investment in housing provides support to the Welsh economy maintaining and supporting jobs in the construction industry and also the supply chain.

7. Innovative Housing Programme

Finance and delivery

The programme aims to support the development of innovative designs of housing in Wales.

Additional information

Data gathered by Chartered Institute of Housing shows that every £1 spent on energy efficiency saves around £0.42 in health costs, so £1m invested saves around £400,000 over 10 years. The data also indicates every £1 spent improving homes where residents are likely to require treatment due to excess cold saves the NHS £34.19 over 10 years. In other words, £1m saves £34m over 10 years.

8. Help to Buy – Wales Shared Equity Scheme Phase II

Finance and delivery

Help to Buy – will require deposits from individuals and mortgage funding.

Additional information

The scheme is available all over Wales and open to all potential buyers of new build properties costing no more than £300,000 who have a minimum 5% deposit.

9. Rent to Own

Finance and delivery

Capital grant of £70m will be paid to RSLs across Wales to deliver new homes that will be available for Rent to Own or Shared Ownership. It is anticipated that 1,000 homes will be delivered by this scheme.

Additional information

The scheme will be available across Wales; and will help people access homeownership who cannot currently do so on the open market or through Help to Buy.

10. Housing Health and Social Care

Finance and delivery

The programme will implement new models for future housing solutions which integrate health, social care and housing for older persons and persons with specific needs.

Additional information

We are developing how this investment can be most effectively deployed utilising the Regional Partnership Boards and ensuring a strategic and collaborative approach is taken by the housing, health and social care sectors.

11. Welsh Housing Quality Programme Major Repairs Allowance (MRA)

Finance and delivery

MRA – £60.4m allocation of capital grant for 2016-17. Paid to LAs to fund capital repairs to their housing stock.

Dowry – £47.6m – allocation for 2016-17. Paid to LSVTs as gap funding in support of the stock transfer business plan. Dowry budget includes a provision of £3.8m to fund LAs pre-ballot costs in the event that tenants vote against transfer.

Additional information

Payments for MRA capital grant are made to individual local authorities each year subject to acceptable 30 year business plans. Payments for Dowry are made to Large Scale Voluntary Transfer (LSVT) organisations each year, subject to annual review of the LSVTs business plan.

Individual dowry gap funding agreements will vary but dowry support is generally agreed on a two year rolling basis, subject to annual review of the business plan. There is an expectation for dowry to be paid for up to a period of 30 years. However, the WG is only legally committed to the two year rolling agreement.

12. Houses into Homes

Finance and delivery

The Welsh Government (WG) has allocated £30m of funding to LAs, enabling a recyclable loan fund to bring long-term empty properties back into use.

Additional information

The scheme is targeting the estimated 20,000 long-term empty properties in Wales. Delivered by LAs, it is contributing to increasing the supply of housing by bringing significantly more long-term empty properties back into use.

13. Land for Housing Scheme

Finance and delivery

The scheme is open to RSLs who can apply for loan funding to secure land sites for housing development for affordable housing.

14. Property Development Fund

Finance and delivery

This loan scheme is delivered by Finance Wales. It is targeted at SMEs across Wales for small-medium scale property development projects.

15. Home Improvement Loans

Finance and delivery

The scheme has to date approved funding of £10m from the WG. The scheme is delivered by LAs.

Additional information

This scheme meets the programme for government commitment that everyone in Wales has the right to live in a safe warm and secure home. It is designed to help people who live in poor, hazardous conditions.

16. Gypsy and Traveller sites

Finance and delivery

Schemes are funded by a capital grant from the WG with LAs responsible for the maintenance and management of the sites.

Additional information

There is a significant under supply of Gypsy and Traveller sites in Wales. The scheme up until 2020-21 should provide up to 170 new pitches across Wales, which could more than halve the shortfall.

The required level of continued funding was reviewed in 2017 in response to approved LA Gypsy and Traveller Accommodation Assessments, which found a need for 270 new pitches across Wales.

This funding programme is broadly in line with needs (with an expectation that approximately 100 pitches will be provided by private individuals) and will continue until 2021.

Regeneration

The Welsh Government has launched a new regeneration programme, **Targeted Regeneration Investment**, which sets the direction for the allocation of up to £100m to be delivered across Wales over the next 3 years, 2018-21.

The programme will support projects that promote economic regeneration with activities focused at individuals and areas most in need, whilst serving the aims of wider sustainable development. The new programme explicitly highlights the importance of widening prosperity, with jobs, growth and people at the heart of this approach. The design of the new programme aims to align the regeneration agenda with local government reform and other emerging priorities that are being brought forward on a regional basis (for example, the Valleys Taskforce) across government.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Town Centre Loans Fund	£60m	£20m to date	The scheme started in 2014-15.
2. Building for the Future	circa £120m	£16m Welsh Government targeted match funding alongside £38m European Regional Development Fund	EU funded programme starting 2017-18 running through to 2023.
3. Targeted Regeneration Investment programme	circa £425m	Up to £100m over 3 years, 2018-21	The programme is due to start in April 2018.

1. Town Centre Loans Fund

Finance and delivery

Scheme is funded by repayable financial transactions with a repayment profile over fifteen years.

The scheme has to date approved funding of £20m from the Welsh Government (WG) up to 2015-16.

There is currently £2.6m additional funding for 2017-18. The scheme is delivered by local authorities (LAs).

Additional information

The aim of the scheme is to act as a catalyst to bring vacant and underutilised buildings back into use and support diversification in town centres.

Currently the loan scheme is supporting 32 town centres across Wales.

2. Building for the Future

Finance and delivery

Building for the Future will assist in the regeneration of town centres and the surrounding areas, supporting a regional or urban economic strategy by tackling derelict, under-utilised land or buildings. It will acquire, refurbish or re-develop unused buildings and land within or closely aligned to town and city centres across Wales, creating jobs and growth and contributing to the tackling poverty agenda.

Additional information

WG will work with local authority and private sector partners across West Wales and the Valleys to invest in prioritised empty buildings and under-utilised land sites that have worked to undermine investor confidence. Whilst support will be awarded to partners to renew buildings and develop vacant sites, funding is allocated and underpinned on the basis of there being sustainable and economic end uses. Whilst many of the 40 projects within the programme are yet to be fully appraised the key outputs, reported by partners, are as follows:

- 1,800 jobs accommodated
- 650 jobs created

3. Targeted Regeneration Investment programme

Finance and delivery

WG funding matched through public and private sector funding. In most cases, projects and programmes are delivered by local authority partners.

Additional information

The aim of this new programme is to support projects that promote economic regeneration with activities focused at individuals and areas most in need, whilst serving the aims of wider sustainable development. The programme explicitly highlights the importance of widening prosperity, with jobs, growth and people at the heart of this approach. The design of the new programme aims to align the regeneration agenda with local government reform and other emerging priorities that are being brought forward on a regional basis (for example, Valleys Taskforce) across government. Alongside the resource available is the process by which regions collaborate to develop regional plans, identifying priorities for investments that reflect regional strengths and opportunities.

Education

The **21st Century Schools and Education Programme** is giving the Welsh Government the opportunity to address much needed improvement to our educational infrastructure which will provide the best learning environments for our pupils and are suitable for delivery of a 21st century curriculum.

A significant part of the estate requires improvement either to improve building condition, to make schools more suitable for the delivery of the curriculum or to provide sufficient places while ensuring the most effective use of resources.

The programme represents an investment of more than £1.4bn to deliver band A over the five year period ending 2018-19. All 22 local authority areas will benefit which will result in the rebuild and refurbishment of over 150 schools and colleges across Wales. The individual scheme allocations detailed are subject to change based on an annual evaluation of each programme.

The programme very much aligns with the Welsh Government's national strategy **Prosperity for All, Taking Wales Forward** and **Education in Wales: Our national mission** as it provides appropriate environments for the delivery of excellent teaching and learning.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. 21 st Century Schools and Education Programme – All Wales	£1.4bn	£700m	2013-14 to 2018-19.
2. Anglesey 21 st Century Schools and Education Programme	£33.73m	£16.87m	2013-14 to 2018-19.
3. Blaenau Gwent 21 st Century Schools Programme	£20.25m	£10.13m	2013-14 to 2018-19.
4. Bridgend 21 st Century Schools and Education Programme	£42.98m	£24.81m	2013-14 to 2018-19.
5. Caerphilly 21 st Century Schools and Education Programme	£56.5m	£28.25m	2013-14 to 2018-19.
6. Cardiff 21 st Century Schools and Education Programme	£164.12m	£82.06m	2013-14 to 2018-19.
7. Carmarthenshire 21 st Century Schools and Education Programme	£87.41m	£43.35m	2013-14 to 2018-19.
8. Ceredigion 21 st Century Schools and Education Programme	£40.03m	£20m	2013-14 to 2018-19.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
9. Conwy 21 st Century Schools and Education Programme	£19.35m	£9.68m	2013-14 to 2018-19.
10. Denbighshire 21 st Century Schools and Education Programme	£92.45m	£43.05m	2013-14 to 2018-19.
11. Flintshire 21 st Century Schools and Education Programme	£64.2m	£32.1m	2013-14 to 2018-19.
12. Gwynedd 21 st Century Schools and Education Programme	£51.29m	£25.28m	2013-14 to 2018-19.
13. Merthyr Tydfil 21 st Century Schools and Education Programme	£19m	£9.5m	2013-14 to 2018-19.
14. Monmouthshire 21 st Century Schools and Education Programme	£93.4m	£45.7m	2013-14 to 2018-19.
15. Neath Port Talbot 21 st Century Schools and Education Programme	£126.62m	£61.7m	2013-14 to 2018-19.
16. Newport 21 st Century Schools and Education Programme	£51.75m	£25.5m	2013-14 to 2018-19.
17. Pembrokeshire 21 st Century Schools and Education Programme	£121.86m	£60.93m	2013-14 to 2018-19.
18. Powys 21 st Century Schools and Education Programme	£79.97m	£39.09m	2013-14 to 2018-19.
19. Rhondda Cynon Taf 21 st Century Schools and Education Programme	£160.88m	£80m	2013-14 to 2018-19.
20. Swansea 21 st Century Schools and Education Programme	£51.31m	£25.66m	2013-14 to 2018-19.
21. Torfaen 21 st Century Schools and Education Programme	£86.08m	£43.04m	2013-14 to 2018-19.
22. Vale of Glamorgan 21 st Century Schools and Education Programme	£32.05m	£14.1m	2013-14 to 2018-19.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
23. Wrexham 21 st Century Schools and Education Programme	£22.3m	£11.15m	2013-14 to 2018-19.
24. Flying Start (expansion)	£57.76m	£57.76m	Started 2012-13. The expansion has finished but there continues to be a capital programme to ensure that high quality facilities are available across Wales.
25. 21 st Century Schools and Education Programme: Community Learning Centres	£30m	£15m	2018 – 2020.

1. 21st Century Schools and Education Programme – All Wales

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding.

Match funding of 50% provided by the Welsh Government, subject to the receipt and approval of business cases for individual projects.

Additional information

The programme is designed to improve schools and colleges in poor condition, reduce surplus capacity and improve standards through the provision of an environment that is able to deliver a 21st century curriculum.

The second wave of investment was recently announced and is being developed with our partners. This will begin in 2019 and includes funding through both traditional capital and £500m investment enabled through revenue funding, via the Mutual Investment Model (MIM).

2. Anglesey 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £16.87m of the total scheme cost, with the remainder from Anglesey.

Additional information

Projects approved to date in Anglesey include primary schools in Holyhead, Ysgol y Llannau, Bro Aberffraw, Brynsiencyn, and Parc y Bont.

3. Blaenau Gwent 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £10.13m of the total scheme cost, with the remainder from Blaenau Gwent.

Additional information

Projects approved to date in Blaenau Gwent include two new build primary school and the refurbishment of Tredegar Comprehensive and Ystruth Primary School.

4. Bridgend 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £24.81m of the total scheme cost, with the remainder from Bridgend.

Additional information

Projects approved in Bridgend to date include a special education needs facility and four new build Primary Schools.

5. Caerphilly 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £28.25m of the total scheme cost, with the remainder from Caerphilly.

Additional information

Projects approved to date in Caerphilly include the development of Welsh medium provision for 3-19 year old pupils at Y Gwyndy site in Caerphilly basin, Islwyn High School and a new Primary School for the Abertyswg and Pontlottyn area.

6. Cardiff 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £82.06m of the total scheme cost, with the remainder from Cardiff.

Additional information

Projects approved to date in Cardiff include a new English medium primary school, Eastern High School and refurbishments to several other primary schools.

7. Carmarthenshire 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £43.35m of the total scheme cost, with the remainder from Carmarthenshire.

Additional information

Projects approved to date in Carmarthenshire LA include Y Strade secondary and a new Welsh medium primary school, Coedcae Comprehensive, Ysgol Pen Rhos and Parc y Twywyn.

8. Ceredigion 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £20m of the total scheme cost, with the remainder from Ceredigion.

Additional information

Two Projects have been approved to date in Ceredigion, Llandysul school for 3-19 year old pupils and Drefach Primary School.

9. Conwy 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £9.68m of the total scheme cost, with the remainder from Conwy.

Additional information

Conwy-wide programme of investment.

Four projects have been approved to date including a primary school in Llandudno Junction.

10. Denbighshire 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £43.05m of the total scheme cost, with the remainder from Denbighshire.

Additional information

Projects approved to date in Denbighshire include the £24m project to rebuild Rhyl Comprehensive School, and several Primary Schools.

11. Flintshire 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £32.1m of the total scheme cost, with the remainder from Flintshire.

Additional information

Projects approved to date in Flintshire include Holywell Community Learning Campus and Connah's Quay Post-16 Centre.

12. Gwynedd 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £25.28m of the total scheme cost, with the remainder from Gwynedd.

Additional information

All six projects have been approved in Gwynedd and include a new area school for Groeslon, Carmel and Fron area.

13. Merthyr Tydfil 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £9.5m of the total scheme cost, with the remainder from Merthyr Tydfil.

Additional information

Projects approved to date in Merthyr Tydfil include the refurbishment of Afon Taf High School.

14. Monmouthshire 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £45.7m of the total scheme cost, with the remainder from Monmouthshire.

Additional information

Projects approved to date in Monmouthshire include Raglan Voluntary Aided Primary School, Monmouth and Caldicot Comprehensives.

15. Neath Port Talbot 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £61.7m of the total scheme cost, with the remainder from Neath Port Talbot.

Additional information

All seven projects have been approved to date in Neath Port Talbot and include Awel-y-Mor Primary school, Ysgol Ystalyfera and Bae Baglan school for 3-16 year old pupils.

16. Newport 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £25.54m of the total scheme cost, with the remainder from Newport.

Additional information

Projects approved to date in Newport include a new build Welsh medium secondary school.

17. Pembrokeshire 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £60.93m of the total scheme cost, with the remainder from Pembrokeshire.

Additional information

Projects approved to date in Pembrokeshire include five Primary Schools and four Secondary Schools such as Tenby Primary and Ysgol Bro Gwaun and Pembroke Learning Centre.

18. Powys 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £39.09m of the total scheme cost, with the remainder from Powys.

Additional information

Projects approved to date in Powys include Ysgol Dafydd Llwyd.

19. Rhondda Cynon Taf 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £80m of the total scheme cost, with the remainder from Cynon Taff.

Additional information

All projects have been approved in Rhondda Cynon Taff including a new secondary school in Aberdare and improvements to Llywncrwn Primary and Y Pant Comprehensive.

20. Swansea 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £25.66m of the total scheme cost, with the remainder from Swansea.

Additional information

Projects approved to date in Swansea include construction of a new primary schools for Burlais, Gowerton Welsh Medium Primary at LonLas and Pentrehafod Comprehensive School.

21. Torfaen 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £43.04m of the total scheme cost, with the remainder from Torfaen.

Additional information

Projects approved to date in Torfaen include construction of a new build school for 11-16 year old pupils at Croesyceiliog, primary school at Llantarnam and refurbishment to other schools in the borough.

22. Vale of Glamorgan 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £14.1m of the total scheme cost, with the remainder from Vale of Glamorgan.

Additional information

Projects approved to date in Vale of Glamorgan include Ysgol Dewi Sant, Ysgol Nant Talwg, Ysgol Gwaun y Nant and Oakfield Primary and Llantwit Major Learning Community.

23. Wrexham 21st Century Schools and Education Programme

Finance and delivery

The WG will meet £11.15m of the total scheme cost, with the remainder from Wrexham.

Additional information

Six Primary School projects have been approved to date including Ysgol Hafod y Wern Gwenfro and Alexandra.

25. 21st Century Schools and Education Programme: Community Learning Centres/Community

Finance and delivery

Pilot Schemes will be identified and delivered through the 21st Century Schools and Education Programme.

Additional information

N/A

24. Flying Start (expansion)

Finance and delivery

A budget of £566k has been allocated for essential maintenance works in 2018-19.

Additional information

Flying Start is an integral part of the Welsh Government's tackling poverty programmes and is featured in the new Government's **Taking Wales Forward** set out to help 36,000 children aged 0-4, living in some Wales' most disadvantaged communities by giving them the best possible start in life.

The WG is currently reviewing the way the Flying Start programme is being delivered.

Health and Social Care

We are looking at investing £1.5bn in the estate of the NHS in Wales over this government term in all aspects of health care. This investment covers new primary and community care centres, improved and upgraded facilities within hospitals, state of the art equipment for both diagnostics and the treatment of patients, new ambulances, plus major capital projects throughout Wales. Within the Welsh Government's national strategy **Prosperity for All**, one of the cross-cutting strategies is 'Healthy and Active' with the aim to improve the health and well-being in Wales for individuals, families and communities.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Welsh Ambulance Services Trust – ongoing vehicle replacement	£127m (10 year programme 2018-19 to 2027-2028)	£127m (10 year programme 2018-19 to 2027-2028)	Strategic Outline Programme (SOP) has been drafted and submitted to WG and covers annual vehicle replacement.
2. Betsi Cadwaladr Health Board – Ysbyty Glan Clwyd, Rhyl, Redevelopment	£164m	£164m	Started on site 2012. Completion due December 2018.
3. Hywel Dda Health Board – Cardigan, New Health and Social Care Centre	£21m	£21m	Full Business Case (FBC) approved and the enabling works are due to commence spring 2018.
4. Velindre Hospital Redevelopment	£210m (at 2013-14 prices)	£210m	SOP approved and Outline Business Case (OBC) in development.
5. Aneurin Bevan Health Board – Grange University Hospital	£350m	£350m	The FBC has been approved and works have now commenced on site. The project is due to complete in spring 2021.
6. Cwm Taf University Health Board – Prince Charles Hospital, Merthyr Tydfil, Refurbishment, Ground and 1st Floor	£119m	£119m	Phase 1a of the scheme is on site and the business case for phases 1b and 2 are anticipated to be submitted for scrutiny in spring/summer 2018.

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
7. Cardiff and Vale University Health Board – Neonatal facilities at University Hospital of Wales	£45m	£45m	All business cases approved – phase one complete – phases two and three complete Summer 2018.
8. All Wales Scheme – Primary Care pipeline	£68m	£68m	Business cases for the individual projects under development.

1. Welsh Ambulance Services Trust – Ongoing Vehicle replacement

Finance and delivery

Welsh Government (WG) funding subject to business case approval.

Additional information

The Trust has an ambitious service improvement programme, modernising the way front-line services are delivered with a view to improving general efficiency. The specific aim of the fleet programme is to support and enhance the new model of operational practice and service delivery whilst generating maximum efficiency from an improved fleet.

2. Betsi Cadwaladr Health Board – Ysbyty Glan Clwyd, Rhyl, Redevelopment

Finance and delivery

WG funding. The contract has been procured via the Designed for Life: Building for Wales Framework.

Additional information

Glan Clwyd is key to the Health Board’s overall service strategy as set out in its 5 year plan.

This investment will improve the quality of care and efficiency and allow the Health Board to meet legislative obligations in relation to health and safety.

3. Hywel Dda Health Board – Cardigan, New Health and Social Care Centre

Finance and delivery

WG funding subject to business case approval.

Additional information

The Health Board’s planned new facility will replace Cardigan Hospital and nearby primary care/ GP facilities.

4. Velindre Hospital Redevelopment

Finance and delivery

Mutual Investment Model.

Additional information

Velindre will continue to be the centre for the delivery of specialist cancer services to the residents of South East Wales.

5. Health Board – Grange University Hospital

Finance and delivery

WG funding.

Additional information

This major new hospital combines emergency, critical care and specialist services in the Gwent area onto one site in Torfaen. This will involve a substantial reconfiguration and remodelling of existing services and the subsequent retention of Neville Hall and Royal Gwent Hospitals as local general hospitals.

6. Cwm Taf University Health Board (CTUHB) – Prince Charles Hospital, Merthyr Tydfil, Refurbishment, Ground and 1st Floor

Finance and delivery

WG funding subject to business case approval.

Additional information

This investment will ensure compliance with health and safety standards, improve service efficiency, quality and productivity, in line with the wider CTUHB clinical and financial strategic direction and redesign of clinical areas, to provide flexible, safe and welcoming accommodation.

7. Cardiff and Vale UHB – Neonatal facilities at University Hospital of Wales (UHW)

Finance and delivery

WG Funding.

Additional information

The investment will see the improvement and expansion of the Neonatal facilities at UHW plus the re-provision of MRI facilities with further shell space for two additional scanners, one of which would offer a specialist cardiac MRI service.

8. All Wales Scheme – Primary Care pipeline

Finance and delivery

WG funding.

Additional information

An initial pipeline of 19 primary and community care projects across Wales to be delivered by 2021. The projects will invest in a new generation of health and integrated care centres. Officials are now working with NHS bodies to progress the development of business cases to allow for implementation and delivery.

Annex 2 – Welsh Local Authority Project Pipeline

The following section incorporates a collation of all Welsh local authority (LA) schemes where the total estimated value of the scheme exceeds £2m; and the scheme is currently being delivered, or planned to start in the next three years.

It should be noted, due to the way some schemes are funded, there is some overlap between Welsh Government (WG) data and LA data (for example, the 21st Century Schools and Education Programme is part funded by the WG and partly self-funded by local authorities). Figures are estimates based on most current data available and rounded to two decimal places.

Blaenau Gwent

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£20.3m	Ongoing.
2. Highway Improvement Works	£2.1m	Start date 2018. Due to complete 2020.
3. Lime Avenue	£6.5m	2018-20.
4. Ebbw Vale Northern Corridor	£1.1m confirmed funding, further funding being bid for	2014-24.
5. Cardiff Capital Region City Deal	£5.54m	2017-27.
6. Tredegar Townscape Heritage Initiative	£3m (plus private sector to be determined)	Start date June 2015. Due to complete June 2018.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding – Delivery ongoing. WG funding total £10.13m.

Additional information

Location: Various throughout the borough.

2. Highway Improvement Works

Finance and delivery

£2.1m LA.

Additional information

Resurfacing of various routes throughout the borough.

Location: Various locations throughout the borough.

3. Lime Avenue

Finance and delivery

£2.5m EU/£3.5m WG/£0.5m LA.

Additional information

Create hybrid business units on the former works site in Ebbw Vale to provide new accommodation to support the development of small and medium enterprises to enhance job creation in the area.

Location: Ebbw Vale.

4. Ebbw Vale Northern Corridor

Finance and delivery

£1.1m WG/EU – Sewer Enhancement works.

WG, Social Housing Grant and Private Sector Investment unknown at this stage.

Additional information

Create a series of developments that complement and enhance the vibrancy of Ebbw Vale as a sustainable community. Residential development, improved economic opportunity, and leisure facilities.

The Ebbw Vale Enterprise Zone Sewer Enhancement Works will enable sites along the Ebbw Vale Northern Corridor to become ready for development.

Location: Ebbw Vale.

5. Cardiff Capital Region City Deal (CCRCD)

Finance and delivery

£5.54m LA capital funding contribution based on population share of £120m total LA contribution.

Additional information

The total CCRCD (excluding the Metro) is £495m and encompasses 10 LAs with Cardiff Council being the lead authority. £375m funding has been committed by UK Government and £120m is to come from the 10 LAs. Projects and programmes are currently being developed.

6. Tredegar Townscape Heritage Initiative

Finance and delivery

WG £2.9m; LA £0.1m.

Additional information

Aim to make town centre more vibrant, attractive and viable as a result of physical regeneration.

Location: Tredegar.

Bridgend

Project/Programme	Total scheme value (est.)	Timetable
1. Garw Valley South Primary Provision – 21 st Century Schools and Education Programme	£10.8m	Anticipation of new premises being ready for occupation in January 2019.
2. Pencoed Primary School – 21 st Century Schools and Education Programme	£10.83m	Construction commenced in July 2017 and due to be completed in September 2018.
3. Bridge Strengthening – A4061 Ogmore Valley	£2.45m	Four year programme 2016-17 – 2019-20.
4. Waterton and Parc Afon Ewenny Depot Rationalisation	£4.38m	Due to be completed in 2018-19.
5. Town Beach Revetment Sea Defence, Porthcawl	£3.55m	2016-17 (design works) and construction commencing in 2017-18.
6. Extra Care Housing	£3m	Works to be completed in 2018-19.

1. Garw Valley South Primary Provision – 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) £3.98m and Welsh Government (WG) £6.82m.

Additional information

Replacement of Betws Primary School and Cwm Garw Primary School on single site.

Location to be determined.

2. Pencoed Primary School – 21st Century Schools and Education Programme

Finance and delivery

LA £5.76m and WG £5.07m.

Additional information

To accommodate nursery and primary school children on same site.

Location: Pencoed Bridgend CF35.

3. Bridge Strengthening – A4061 Ogmore Valley

Finance and delivery

LA £0.96m, WG £1.49m.

Additional information

Location: Ogmore Valley.

4. Waterton and Parc Afon Ewenny Depot Rationalisation

Finance and delivery

LA £4.38m.

Additional information

Proposals for this scheme are under review.

Some early works due 2017-18, and a number of options are being considered, with additional feasibility work being undertaken, so no definitive timeframe is available at the moment.

Location: Bridgend.

5. Town Beach Revetment Sea Defence, Porthcawl

Finance and delivery

LA £0.89m, WG £2.66m.

Additional information

Location: Porthcawl CF36.

6. Extra Care Housing

Finance and delivery

LA £3m.

Additional information

Linc is working with Bridgend Council towards the delivery of two new Extra Care housing schemes in the Borough. Both schemes have residential care facilities on the ground floor with Extra Care flats above along with communal facilities. This includes a total of 70 units, comprised of 45 extra care units and 25 residential care units.

Location: Heol-yr-Ysgol, Bridgend and Bridgend Road, Maesteg.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£56.5m	Ongoing 2013-14 to 2018-19.
2. Schools Asset Management	£2.46m	2017-18 to 2019-20.
3. Highways Improvements	£2.24m	2017-18 to 2019-20.
4. Welsh Housing Quality Standard	£233m	Ongoing.
5. Corporate Buildings	£2.1m	2017-18 to 2019-20.
6. Mandatory Disabled Facilities Grant	£3.43m	2017-18 to 2019-20.
7. Minor works grant – vulnerable persons	£2.39m	2017-18 to 2019-20.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding – Delivery ongoing.

Additional information

Works progressing on Band A programme. West Islwyn Comprehensive completed and now operational. Works progressing at Blackwood Comprehensive and Newbridge/Cwmcarn Comprehensive. Anticipated expenditure will be circa £11m for 2017-18.

2. Schools Asset Management

Finance and delivery

LA funding of £2.46m.

Additional information

Schools Asset Management to enhance/upgrade school buildings as part of maintenance/improvement plans. Various small buildings/works rather than a major project.

Works progressing.

Location: Countywide.

3. Highways Improvements

Finance and delivery

LA £2.24m.

Additional information

Enhancement limited to incorporating modern engineering techniques and practices in order to maximise life of carriageway and minimise future maintenance costs.

Priority given to strategic routes; carriageways with high expenditure on temporary repairs and carriageways that generate high volume of third party claims.

Works progressing.

4. Welsh Housing Quality Standard (WHQS)

Finance and delivery

The 2017-18 business plan shows £125m is needed between now and 2019-20 to complete the programme. This will be funded by MRA £22m, HRA £54m and borrowing £49m (with a total borrowing requirement of £58m up to 2021-22).

Additional information

The combination of internal and external works completed demonstrates over 40% of the programme has been delivered to date with an expectation of 94% internals and 80% externals to be completed by March 2019. No borrowing has been undertaken for WHQS as yet.

Works progressing.

Location: Countywide.

5. Corporate Buildings

Finance and delivery

LA £2.10m.

Additional information

Corporate Asset Management to enhance/upgrade council buildings as part of maintenance/improvement plans. Various small buildings/works rather than a major project.

Works progressing.

Location: Countywide.

6. Mandatory Disabled Facilities Grant

Finance and delivery

LA £3.43m.

Additional information

Grants to individuals to adapt private properties.

£200k slippage forecasted at 31 March 2018 and to be carried forward into 2018-19 financial year.

Location: Countywide.

7. Minor works grant – vulnerable persons

Finance and delivery

LA £2.39m.

Additional information

Grants to individuals for essential or emergency repair.

Works progressing, 2017-18 budget slipped by £263k into 2018-19 financial year.

Location: Countywide.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Band A – Completion	£78.2m	April 2017 – March 2020.
2. 21 st Century Schools and Education Programme – Band B	£128.1m	April 2018 – March 2024.
3. Whitchurch High School	£2m	Ongoing.
4. Property Asset Renewal – Schools condition, health and safety and additional learning needs	£29.7m	Ongoing.
5. Schools Suitability and Sufficiency	£4.2m	Ongoing.
6. Highways and Footway Resurfacing	£17.3m	Ongoing.
7. Highway Structures	£4.4m	Ongoing.
8. Street Lighting including Energy efficiency	£6.1m	Ongoing.
9. Play Equipment and Parks Infrastructure	£1.6m	2017-22.
10. Traffic Management, Public Transport, Telematics and Butetown Tunnel	£9.2m	Ongoing.
11. Transport grants from Welsh Government	£5.9m	Ongoing.
12. Strategic Cycle Network Development	£7.7m	Ongoing.
13. Economic Development Initiatives including Schemes linked to Central Square	£32.5m	Ongoing.
14. Cardiff Capital Region City Deal – Council contribution to Investment Fund	£12.3m	Ongoing.
15. Coastal Erosion	£1.5m	2018-22.
16. Waste Management Infrastructure	£6.5m	2018-22.
17. Solar Farm	£4.0m	2018-19.
18. New Cemetery	£3.0m	2018-20.
19. Energy Efficiency – REFIT and SALIX	£5.3m	2017-22.
20. Disabled Facilities Service (including Public Housing)	£24.9m	Ongoing.
21. Neighbourhood Renewal and Community Shopping Centre Regeneration	£2.1m	Ongoing.
22. Property Asset Renewal – Non Schools	£7.9m	Ongoing.

Cardiff

23. Modernising ICT to Improve Business Processes	£3.5m	Ongoing.
24. Alternative Service Delivery (leisure venues)	£4m	April 2017 – March 2019.
25. Citizens Hubs	£5.5m	April 2017 – March 2020.
26. Day Centre Opportunities Strategy	£1.9m	April 2017 – March 2019.
27. Public Housing	£130.4m	30 year business plan.

1. 21st Century Schools and Education Programme – Band A – Completion

Finance and delivery

Local authority (LA) 50%, Welsh Government (WG) 50% – Two stage procurement process/external contractors/SCAPE Framework.

Additional information

WG Band A funding, Councils own funding and Schools Local Government Borrowing Initiative for a variety of schemes to improve school facilities and infrastructure in Cardiff.

Location: Countywide.

2. 21st Century Schools and Education Programme – Band B

Finance and delivery

LA 50%, WG 50% – Estimated total cost envelope/procurement route not yet confirmed.

Additional information

WG Band B funding subject to approval, Councils own funding for a variety of schemes to improve school facilities and infrastructure in Cardiff.

Location: Countywide.

3. Whitchurch High School

Finance and delivery

LA £2m – Framework contractors.

Additional information

Further phase of accessibility works at Whitchurch High Upper School site.

Location: Whitchurch.

4. Property Asset Renewal – Schools condition, health and safety and additional learning needs

Finance and delivery

LA £29.7m – Primarily use of in-house Facilities Management section.

Additional information

To address the condition of the property stock within the Council in accordance with Directorate Asset Management plans and priority works.

Location: Countywide.

5. Schools Suitability and Sufficiency

Finance and delivery

LA £4.2m – Framework contractors.

Additional information

To cater for increasing accessibility issues in schools. Make provision for pupils with accessibility needs, address rising pupil numbers and works required to improve facilities in schools that are not part of the 21st Century Schools and Education Programme.

Location: Countywide.

6. Highways and Footway Resurfacing

Finance and delivery

LA £17.3m – Framework contractors.

Additional information

Allocation for highway and footway resurfacing and reconstruction, including addressing the condition of tree roots and tree pits on footways and implementation of dropped kerbs.

Location: Countywide.

7. Highway Structures

Finance and delivery

LA £4.4m – External contractors on a project by project basis due to specialist requirements.

Additional information

The strengthening or replacement of sub standard bridges, culverts and other highways structures as part of the Highway Infrastructure Asset Management plan.

Location: Countywide.

8. Street Lighting including Energy efficiency

Finance and delivery

LA £6.1m – External contractors.

Additional information

Column replacement, replacement LED lighting and electrical works as part of the Highway Infrastructure Asset Management plan.

Location: Countywide.

9. Play Equipment and Parks Infrastructure

Finance and delivery

LA £1.6m – External contractors.

Additional information

Replacement of Parks Play Equipment.

Location: Countywide.

10. Traffic Management, Public Transport, Telematics and Butetown Tunnel

Finance and delivery

LA £9.2m – Framework contractors.

Additional information

Strategic and local network improvements including junction and pedestrian safety improvements, with a focus on securing match funding. Telematics infrastructure replacements required for the ongoing operation of the tunnel and transportation infrastructure. CCTV control room upgrades, hostile vehicle mitigation and also a new bus interchange in the west of the city.

11. Transport grants from Welsh Government

Finance and delivery

WG £5.9m – Framework contractors.

Additional information

Active travel, casualty reduction and other grants from WG. Grant is bid for and distributed on an annual basis so future years are estimates only.

Location: Countywide.

12. Strategic Cycle Network Development

Finance and delivery

LA £7.7m – Framework contractors.

Additional information

Implementation and match funding of the cycling strategy. To make various improvements to the existing cycle route network, including missing links between routes. They include the installation of cycle parking and network improvements as well as supporting match funding towards WG Grants and active travel.

Location: Countywide.

13. Economic Development Initiatives including Schemes linked to Central Square

Finance and delivery

LA £32.5m – External contractors/Developer Contribution/Receipts.

Additional information

Scheme development including land acquisition; Public Realm and development costs.

Location: Countywide.

14. City Deal – Council contribution to Investment Fund

Finance and delivery

LA £28m commitment – Delivery routes and projects to be determined on a project by project basis.

Additional information

Council contribution to Investment fund subject to approval of Joint Working Agreement.

Location: Regional.

15. Coastal Erosion

Finance and delivery

LA £2.7m commitment to secure WG Funding of £8m – Detailed design.

Additional information

Council contribution to secure match funding.

Location: East Cardiff.

16. Waste Management Infrastructure

Finance and delivery

LA £6.5m External contractors.

Additional information

Completion of Lamby Way Recycling Centre; Development of a new Household Waste Recycling Centre, Material Recycling Facility and other waste management and collection infrastructure.

17. Solar Farm

Finance and delivery

LA £4m External contractors.

Additional information

Development of a facility at former Lamby Way landfill site subject to business case.

Location: East Cardiff.

18. New Cemetery

Finance and delivery

LA £3m External contractors.

Additional information

Development of a new facility to meet requirements for burial space. Subject to site selection and business case.

Location: Countywide.

19. Energy Efficiency – REFIT and SALIX

Finance and delivery

WG Green Growth Fund Loan and council invest to save. Contractor for phase one appointed.

Additional information

Scheme to install energy efficiency measures in existing council buildings.

Location: Countywide.

20. Disabled Facilities Service (including Public Housing)

Finance and delivery

LA £24.9m – Framework contractors.

Additional information

To provide adaptations such as showers, stairlifts and internal modifications to allow the recipient to live independently within their own home.

Location: Countywide.

21. Neighbourhood Renewal and Community Shopping Centre Regeneration

Finance and delivery

LA £2.1m – External Contractors.

Additional information

To implement improvements to neighbourhoods, local shopping centres and the associated public realm, including accessibility improvements, with the aim of stimulating investment, providing an enhanced retail environment and improved business activity.

Location: Countywide.

22. Property Asset Renewal – Non Schools

Finance and delivery

LA £7.9m – Primarily use of In-house Facilities Management section.

Additional information

To address the condition of the Non Schools property stock within the Council in accordance with Directorate Asset Management plans and priority works.

Location: Countywide.

23. Modernising ICT to Improve Business Processes

Finance and delivery

LA £3.5m – External contractors on a project by project basis.

Additional information

Investment in technology projects including: Server Refresh, Resilience, Electronic Document Management System, and Digitisation, allowing the council to make business process improvements and so improve directorate service delivery.

Location: Countywide.

24. Alternative Service Delivery (Leisure Venues)

Finance and delivery

LA £4m – Contractor in place.

Additional information

Supporting investment in a range of projects by Leisure provider, to be repaid from income generation over life of contract.

Location: Countywide.

25. Citizens Hubs

Finance and delivery

LA £5.5m – Individual tender from Framework.

Additional information

Development of Hubs bringing together Council and housing services. Includes St Mellons phase two, Llanederyn, Butetown Llanishen and Youth hub.

Location: Countywide.

26. Day Centre Opportunities Strategy

Finance and delivery

LA £1.9m – Framework contractors.

Additional information

To improve facilities at buildings to allow reconfiguration of day services for older people including Minehead Road and Grand Avenue.

Location: Countywide.

27. Public Housing

Finance and delivery

LA £92.4m, WG Grant £38m – External contractor.

Additional information

Investment in Estate regeneration, stock remodelling, maintaining Welsh Housing Quality Standards and land acquisition and new build programme.

Location: Countywide.

Carmarthenshire

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Band A	£86.7m	Ongoing 2013-19.
2. Carmarthen Western Link Road	£3.68m	Started 2016-17.
3. Highway Improvements	£3.15m	Programme of Works. 2017-18.
4. Cross Hands Economic Link Road Phase 2	£14.7m	Start date 2015-16. Due to complete 2020-21.
5. Tywi Valley Transport Corridor Concept	£7.05m	Start date 2015-16. Due to complete 2021-22.
6. Walking and Cycling Linkages	£6.5m	Start date 2015-16. Due to complete 2021-22.
7. Wind Street/Tirydail Junction Ammanford	£2.3m	Start date 2015-16. Due to complete 2018-19.
8. Rural Enterprise Fund	£4m	Started 2016-17 to 2018-19.
9. Transformation Commercial Property Development Fund	£6.66m	Started 2016-17 to 2018-19.
10. County Regeneration Fund	£22m	Started 2015-16. Due to complete 2020-21.
11. Llanelli Leisure Centre	£16.5m	Start Date 2018-19. Due to complete 2021-22.
12. Llanelli Area Review	£7m	Start date 2018-19. Due to complete 2021-22.
13. Carmarthen County Museum Abergwili	£2.28m	Start date 2015. Ongoing.
14. Housing Revenue Account	£86.7m	Five year programme 2017-18 to 2021-22.
15. Capitalised Maintenance	£14.6m	Programme of works. Start date 2017-18 to 2021-22. Ongoing.
16. Disabled Facility Grants	£10m	Start date 2017-18. Due to complete 2021-22.
17. IT Strategy Developments	£3.25m	Start date 2017-18. Due to complete 2021-22.
18. Carmarthenshire Archive Relocation	£2m	Started 2016-17 to 2018-19.

1. 21st Century Schools and Education Programme – Band A

Finance and delivery

Local authority (LA) £43.35m. Welsh Government (WG) £43.35m.

Additional information

Location: Countywide.

2. Carmarthen Western Link Road

Finance and delivery

LA £3.68m.

Additional information

The new road will link the A40 at Travellers Rest with College Road, Carmarthen.

Location: Carmarthen.

3. Highway Improvements

Finance and delivery

LA £3.15m – Various – in house and external contractors.

Additional information

Reconstruction and resurfacing of carriageways to address backlog of repairs.

Location: Countywide.

4. Cross Hands Economic Link Road Phase 2

Finance and delivery

LA £3.08m, grant funding £11.62m.

Additional information

New road from Black Lion Road to the A476 north east of Gorslas. The road will ease congestion at the A48 Cross Hands roundabout and the six ways junction at Gorslas and provide direct access to the Cross Hands East Strategic Employment Site.

5. Tywi Valley Transport Corridor Concept

Finance and delivery

LA £2.40m, grant funding £4.65m.

Additional information

Improved access for cyclists and walkers to key tourist attractions along the lower Tywi valley (Carmarthen to Llandeilo).

Location: Lower Tywi valley.

6. Walking and Cycling Linkages

Finance and delivery

LA £0.43m, WG grant funding £6.07m.

Additional information

Development of a network of walking and cycling linkages to improve access to employment, education and other services.

Location: Countywide.

7. Wind Street/Tirydail Junction Ammanford

Finance and delivery

LA £0.15m, WG grant funding £2.15m.

Additional information

Improved access to and from the M4 and upper Amman Valley with reduced congestion at key junction (Wind Street/Tirydail).

Location: Ammanford.

8. Rural Enterprise Fund

Finance and delivery

LA £2m, grant funding £2m.

Additional information

The grant will provide assistance to enterprises and sole traders for the development of new and existing business premises.

Location: Countywide.

9. Transformation Commercial Property Development Fund

Finance and delivery

LA £3m, grant funding £3.66m.

Additional information

The funding is to be made available to enable developers to meet the financial gap between the construction costs and the completed market value of the property.

Location: Countywide.

10. County Regeneration Fund

Finance and delivery

LA £7.2m, EU £14.8m – various – in house and external contractors.

Additional information

Collaboration project with private, public and third sectors working together to deliver the economic regeneration of the county's strategic employment sites, primary town centres, market towns, valley growth zones and coastal belt.

Location: Countywide.

11. Llanelli Leisure Centre

Finance and delivery

LA £12m, WG/Joint Venture £4.5m.

In House design, with framework partners as contractors.

Additional information

Construction of new Leisure Centre.

Location: Llanelli.

12. Llanelli Area Review

Finance and delivery

LA £7m.

Additional information

Review of care provision in the Llanelli area.

Location: Llanelli.

13. Carmarthen County Museum Abergwili

Finance and delivery

LA £0.25m, grant and other funding £2.03m.

Additional information

Led by the Welsh Historic Trust the scheme will deliver improvement/enhancement works at the Carmarthenshire County Museum site and adjacent walled garden at the Bishop's Palace. Improvements will be made to the museum out-buildings and the grounds.

Location: Abergwili.

14. Housing Revenue Account

Finance and delivery

LA £55.85m, WG £30.85m – In house and external contractors.

Additional information

Improvements to council housing stock over the three year period, including work to deliver the Carmarthenshire Homes Standard.

Location: Countywide.

15. Capitalised Maintenance

Finance and delivery

LA £14.60m – Various – in house and external contractors.

Additional information

Capitalised maintenance of all authority buildings including offices, schools and social care establishments.

Location: Countywide.

16. Disabled Facility Grants

Finance and delivery

LA £10m – External contractors and Care and Repair agency.

Additional information

Statutory requirement to provide these grants under the Housing Grants, Construction and Regeneration Act 1996.

Location: Countywide.

17. IT Strategy Developments

Finance and delivery

LA £3.25m – Led by the corporate IT section with departmental input.

Additional information

Improving and maintaining IT provision within the authority in line with national requirements and the corporate IT strategy.

Location: Countywide.

18. Carmarthenshire Archive Relocation

Finance and delivery

LA £2m – External Contractors.

Additional information

Re-location of archived documents to an appropriate building.

Location: Countywide.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Henry Richard school, Tregaron	£5m	Start 2015-16. Due to complete 2019-2020.
2. Sewage Treatment Works Improvement Programme	£5.3m	Ongoing 2011-12 to 2020.
3. Cylch Caron – Integrated Community Resource Centre Tregaron	£8.01m (at Outline Business Case Stage)	2013-19. Ongoing.

1. 21st Century Schools and Education Programme – Henry Richard – 3-16 school, Tregaron

Finance and delivery

Local authority (LA) and Welsh Government (WG).

Contract awarded for phase one.

Phase two planning and programming underway.

Additional information

This is a phased project spanning a number of academic and financial years. Canolfan Iaith and preparatory works in phase one – primary school development within the existing secondary school building in phase two – remodeling of the Secondary School provision.

The new primary school building is due to open during the autumn term of 2018 and all other works to be completed by March 2019.

2. Sewage Treatment Works (STWs) Improvement Programme

Finance and delivery

LA £3.45m, Tai Ceredigion £1.85m –

Work being delivered in packaged phases.

Additional information

The Council has 27 STWs including a pumping station which are a legacy of the housing stock transfer undertaken in November 2009. The council intends to upgrade all sites to Welsh Water

standards and then go through the adoption process to get each one formally adopted and transferred to Welsh Water.

3. Cylch Caron – Integrated Community Resource Centre Tregaron

Finance and delivery

Project finance will include WG, Health and Housing Capital. Total scheme value at OBC stage £8.01m.

Remaining funding from LA and others, including delivery partner.

Additional information

Cylch Caron is a Ceredigion Local Service Board priority project and led by Ceredigion County Council in partnership with the Hywel Dda University Health Board. Required land now purchased and delivery partner appointed. Full business case being prepared and due to be submitted early in the new year following the completion of the tender exercise.

Location: Tregaron.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Caerhun	£3.75m	Start date January 2017. Due to complete November 2018.
2. 21 st Century Schools and Education Programme – Band B	£33.13m	Start Date 2019-20. Completion Date 2023-24.
3. Conwy Highways Maintenance Works	£3.57m	Start date April 2013. Ongoing programme dependent on funding.
4. Projects Match Funding	£7.31m	Start date April 2013 – Ongoing programme.
5. Vehicle and Plant Replacement Programme	£10.43m	Start date April 2013 – Ongoing programme.
6. Carbon Management Plan	£2.14m	Start date April 2013. Due to complete March 2019.
7. New Waste Transfer Station	£2.48m	Start date April 2017. Completion date March 2019.
8. Conwy Modernisation Project	£9.96m	Start date 2014. Due to complete 2020.
9. Delivery of Adaptations in Private Sector Housing	£8.61m	Start date April 2013. Ongoing programme – demand led.
10. Cultural Hub Co-locating Area Library and Archive Extension	£3.64m	Start date April 2015. Due to complete March 2020.
11. Colwyn Bay Townscape Heritage Initiative	£2.98m	Start date April 2013. Due to complete 2018.
12. ERF Accommodation – Mochdre Building Works	£4.27m	Start date July 2015. Due to complete March 2019.
13. Attractor Destination – Visit Wales Project	£7.53m	Start date December 2015. Due to complete Spring 2020.
14. Relocation of Civic Amenity Site/ Highways Depot	£3.79m	Start date April 2017. Completion date March 2019.
15. Streetlighting Poles Replacement	£0.74m	Start date: April 2012 but funding and expenditure figures included from financial years 2016-17. Ongoing programme of works dependent on future funding being confirmed.

1. 21st Century Schools and Education Programme – Caerhun

Finance and delivery

Welsh Government (WG) £1.87m, Local Authority (LA) £1.88m: LGBI revenue support/prudential borrowing/capital receipts.

Additional information

Part of the 21st Century Schools and Education Programme. On revised target.

Location: Caerhun.

2. 21st Century Schools and Education Programme – Band B

Finance and delivery

Mutual Investment Model funding. 75% WG funding £24.85m and 25% LA Funding £8.28m.

Additional information

Projects prioritisation under consideration. Exact locations TBC and full funding package TBC.

3. Conwy Highways Maintenance Works

Finance and delivery

LA £3.57m supported borrowing.

Additional information

Conwy Highways maintenance works.

2018-19 onwards funding not confirmed.

Improve condition of county road network, replacement of deteriorating and strengthening/ replacement of sub-standard bridges and surface dressing of existing highways network.

Further funding in 2018-19 to be confirmed.

Location: Countywide.

4. Projects Match Funding

Finance and delivery

LA £7.31m match funding to lever in other funding streams. Individual contractors appointed for schemes or contributions made towards community schemes.

2018-19 and onwards funding not confirmed.

Additional information

The Projects match funding provision is a provision which can be applied for where match funding for grants from external bodies is required. The provision can also provide funding for community groups for various projects.

Location: Countywide.

5. Vehicle and Plant Replacement Programme

Finance and delivery

LA prudential borrowing £9.6m and £0.83m Conwy council capital reserve.

Additional information

Location: Countywide.

6. Carbon Management Plan

Finance and delivery

LA prudential borrowing £2.14m. Individual contractors appointed for work packages.

Additional information

Original four year circa £2m plan to be extended. Total additional prudential borrowing funding to be confirmed.

- LED Lighting in Corporate and Education Buildings
- Thermal Efficiencies in Corporate and Education Buildings
- Smart Metres
- Street Light Lantern Replacement
- Renewal Energy Improvements.

Location: Colwyn Bay Leisure Centre Combined Heat and Power Unit

7. New Waste Transfer Station

Finance and delivery

£1.2m supported borrowing, £1.28m Regional Partnership Funding.

Additional information

Currently delayed whilst final details are clarified.

Location: Mochdre.

8. Conwy Modernisation Project

Finance and delivery

Funding is £0.5m capital receipts, £7.89m LA prudential borrowing and £1.57m WG Invest 2 Save Loan.

Additional information

Corporately managed project. This involves the office accommodation strategy for Conwy CBC to reduce the number of buildings used as office space to 3 key buildings fit for purpose and set up following the 'hot desk' model and modern work practices.

Location: Countywide.

9. Delivery of Adaptations in Private Sector Housing

Finance and delivery

LA £8.61m – No contract involved. Individual grant payments to property owners for disabled facilities. Statutory requirement – adaptations to allow individuals to remain in their own homes.

Additional information

Future to be confirmed.

Location: Countywide.

10. Cultural Hub Co-locating Area Library and Archive Extension

Finance and delivery

£1.34m Supported Borrowing, £0.43m Capital Receipts, £0.05m S106, £0.8m Heritage Lottery Fund (HLF) grant, £0.05m Gwynt y Mor contribution.

Remaining funding is grants to be confirmed of £0.97m. Design work on-going.

Additional information

Location: Conwy.

11. Colwyn Bay Townscape Heritage Initiative

Finance and delivery

WG £1.13m, HLF £0.80m, LA £0.39m, Cadw grant £0.06m, private owners contributions £0.6m.

Grant payments for work by individual contractors.

Additional information

Private owner's contribution paid direct to contractors. Location: Colwyn Bay.

12. ERF Accommodation – Mochdre Building Works

Finance and delivery

£3.68m Capital Receipts, £0.3m Capital Reserve, £0.29m Carbon Reduction Savings.

Additional information

Project delayed. Full details and re-profile TBC.

13. Attractor Destination – Visit Wales Project

Finance and delivery

£4.05m Vibrant and Viable Places Grant, £0.46m Targeted Match funding, £2.82m Visit Wales ERDF funding, £0.204m Conwy supported borrowing.

Additional information

Elements of the project are underway but full funding to carry out the full project to be confirmed.

Location: Colwyn Bay Waterfront and Venue Cymru, Llandudno.

14. Relocation of Civic Amenity Site/ Highways Depot

Finance and delivery

£3.32m supported borrowing, £0.40m Unsupported Borrowing, £0.07 Capital Receipts.

Additional information

Currently delayed whilst site purchase issues are clarified.

Location: Llanrwst.

15. Streetlighting Poles Replacement

Finance and delivery

£0.74m supported borrowing.

Additional information

Programmed alongside the replacement of lanterns funded from Salix loan and part of the Carbon Management Strategy.

Location: Countywide.

Denbighshire

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£91.06m	Ongoing 2013-20.
2. Schools Capital Maintenance	£2.70m	Ongoing programme.
3. Highways Maintenance	£7.55m	Ongoing 2017-18. Plus additional monies for 2018-19.
4. Rhyl Waterfront Development	£20.3m	2016-19.
5. East Rhyl Coastal Defence	£3.6m	2017-21.
6. Housing Revenue Account (HRA) – Planned Improvements	£10.06m	Ongoing programme.
7. Extra Care	£7m	2014-21.

1. 21st Century Schools and Education Programme

Finance and delivery

The Modernising Education programme has been included with the 21st Century Schools and Education Programme, with additional funding from Welsh Government (WG).

Additional information

Location: Countywide.

2. Schools Capital Maintenance

Finance and delivery

Ongoing works. Local authority (LA) funding.

Additional information

Location: Countywide.

3. Highways Maintenance

Finance and delivery

Highways Maintenance programme is funded by Denbighshire County Council (DCC).

An additional £2.55m each year is included in the Corporate plan for 2017-18 and 2018-19.

Additional information

Location: Countywide.

A new corporate plan 2017-22 has recently been approved by the council. Detailed development on schemes for inclusion in the plan is ongoing.

4. Rhyl Waterfront Development

Finance and delivery

WG £4.2m, DCC £14.1m, Rhyl Town Council £2m.

Additional information

1. Demolition of the SunCentre and improvements to the Pavilion Theatre
2. Waterpark-construction
3. Construction of skatepark

Waterpark construction underway.

Completion early 2019.

Location: Rhyl.

5. East Rhyl Coastal Defence

Finance and delivery

Scheme currently at design stage.

Additional information

£15m scheme. Funding: 75% WG, 25% DCC.

6. Housing Revenue Account (HRA) – Planned Improvements

Finance and delivery

Assumes £2.42m MRA.

Additional information

Location: Countywide.

7. Extra Care

Finance and delivery

LA £7m. Discussions are ongoing at the moment between the council and private sector partners. No schemes have been approved to date.

Additional information

Part of the council's corporate plan which sets out council priorities over the next five years. £7m is council's contribution.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£64.2m	Start date 2012-13. Due to complete 2018-19.
2. School Buildings R and M	£4.5m	Start date 2016-17. Due to complete 2019-20.
3. Investment Schemes – Education and Youth	£8.35m	Start date 2017-18. Due to complete 2019-20.
4. Corporate Property Maintenance	£2.4m	Start date 2016-17. Due to complete 2019-20.
5. Street Lighting Replacement	£3.12m	Due to start 2017-18.
6. Adult Day Centre	£4m	Start date 2017-18. Due to complete 2019-20.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding – Delivery ongoing. Schemes to be procured through the North Wales Major Contractor’s framework.

Additional information

Connah’s Quay High School Extensions – Start November 2017 – Complete December 2018.

Penyffordd new school – Start Easter 2018 – complete July/August 2019.

3. Investment Schemes – Education and Youth

Finance and delivery

LA £8.35m.

Additional information

School extensions and remodeling Hope – Castell Alun High £4.81m.

*Bagillt – Glan Aber Primary £0.99m

Buckley – Drury Primary £2.55m.

*Glan Aber – Bid for additional funds to WG under Reduction Infant Class Size Grant – no approval yet.

2. School Buildings R and M

Finance and delivery

LA £4.5m.

Additional information

Ongoing programme circa £1.5m pa to address backlog in schools R and M.

Location: Countywide.

4. Corporate Property Maintenance

Finance and delivery

LA £2.4m.

Additional information

Ongoing programme circa £0.30m pa to address Statutory/Regulatory requirements. Ongoing programme circa £0.30m pa to address R and M backlog in corporate buildings.

Location: Countywide.

5. Street Lighting Replacement

Finance and delivery

WG/Salix £3.12m.

Additional information

Countywide.

6. Adult Day Centre

Finance and delivery

LA £4m.

Additional information

Location: Queensferry.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£51.3m	2014-19.
2. Capitalised Repairs and Maintenance	£7.58m	Start date 2016-17. Due to complete 2018-19.
3. Housing Grants	£5.11m	Start date 2016-17. Due to complete 2018-19.

1. 21st Century Schools and Education Programme

Finance and delivery

Welsh Government (WG) will meet around £25.28m of the total scheme cost.

Additional information

The 21st Century Schools and Education Programme is an investment in strategic projects across the schools estate in each Local Authority (LA) area over the 5 year period 2014-2019.

Location: Countywide.

2. Capitalised Repairs and Maintenance

Finance and delivery

LA £7.58m – Individual contractors appointed for work packages.

Additional information

Location: Countywide.

3. Housing Grants

Finance and delivery

LA £5.11m – Payments to individual property owners for disabled facilities etc.

Additional information

Location: Countywide.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Band A	£33.44m	Ongoing 2013-19.
2. 21 st Century Schools and Education Programme – Band B	£36.13m	2018-19 until 2025-26.
3. Llangefni Link Road	£13.02m	Ongoing. Due to be completed 2019.
4. New Highways to Wylfa Newydd	£28.55m	2016-17 to 2019-20.
5. Housing Revenue Account – various schemes	£12.87m per annum	Ongoing.
6. Strategic Employment Sites	£7.70m	2017-18 until 2019-20.

1. 21st Century Schools and Education Programme – Band A

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding (50:50) – Delivery ongoing.

Additional information

Band A of the 21st Century Schools and Education Programme, focusing on five projects across the island.

Location: Various Schools on Anglesey.

2. 21st Century Schools and Education Programme – Band B

Finance and delivery

LA and WG funding (50:50) – Delivery ongoing.

Additional information

Band B of the 21st Century Schools and Education Programme, focusing on seven projects across the island.

Location: Various schools on Anglesey.

3. Llangefni Link Road

Finance and delivery

LA £0.62m, Nuclear Decommissioning Authority £0.02m, WG £5.92m, Coleg Menai £0.31m.

Further funding is required to complete the project – Delivery ongoing.

Additional information

The Llangefni Link Road Project will provide a seamless connection from the A5114 junction through Bryn Cefni Business Park to the Grŵp Llandrillo – Menai site. This will facilitate development at the Coleg Menai Llangefni Campus which to provide an Education Centre of Excellence in the Engineering and Technology sector and will provide increased connectivity between the Grŵp Llandrillo – Menai campus and key employment sites within close proximity to the A55 euro-route.

Location: Llangefni.

4. New Highways to Wylfa Newydd

Finance and delivery

External funding – £28.55m – Delivery ongoing.

Additional information

A new road is being developed from the A55 in Valley to the Wylfa Newydd site.

Location: North West of the Island.

5. Housing Revenue Account (HRA) – various schemes

Finance and delivery

MRA Grant – £2.65m

HRA – £10.22m – Delivery ongoing.

Additional information

There are a number of schemes involved with the HRA including planned refurbishment of council dwellings, acquisition of existing properties and public sector adaptations. The HRA budget varies from year to year.

Location: Anglesey.

6. Strategic Employment Sites

Finance and delivery

ERDF – £4.60m

LA – £0.07m

WG – £3.03m

Additional information

Provision of new Industrial units.

Location: Holyhead.

Merthyr Tydfil

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£19m	2013-20.
2. Riverside Project	£12.41m	2014-20.
3. Highways Improvement	£2.47m	2017-21.
4. Disabled Facilities Grants	£3.40m	2017-21.
5. Town Centre Regeneration Programme	£2.68m	2017-21.
6. Cyfarthfa Heritage Area	£12.89m	2017-21.
7. Vibrant and Viable Places	£2.9m	2017-21.
8. Bus Station	£10.35m	2017-21.
9. Taff Bargoed Regeneration Programme	£9.28m	2017-21.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding.

Additional information

Location: Merthyr Tydfil.

2. Riverside Project

Finance and delivery

£5.12m LA. £6.7m WG.

Additional information

Location: Merthyr Tydfil.

3. Highways Improvement

Finance and delivery

£2.47m LA.

Additional information

Location: Merthyr Tydfil – Countywide.

4. Disabled Facilities Grants

Finance and delivery

£3.4m LA.

Additional information

Location: Merthyr Tydfil – Countywide.

5. Town Centre Regeneration Programme

Finance and delivery

£0.68m LA. £2m External funding.

Additional information

Location: Merthyr Tydfil.

6. Cyfarthfa Heritage Area

Finance and delivery

£1.39m LA. £11.5m External funding.

Additional information

Location: Merthyr Tydfil.

7. Vibrant and Viable Places

Finance and delivery

£0.90m LA. £2m External funding.

Additional information

Location: Merthyr Tydfil.

8. Bus Station

Finance and delivery

£0.35m LA. £10m External funding.

Additional information

Location: Merthyr Tydfil.

9. Taff Bargoed Regeneration Programme

Finance and delivery

£0.28m LA. £9m External funding.

Additional information

Location: Merthyr Tydfil.

Monmouthshire

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£45.8m	Ongoing 2015-20.
2. 21 st Century Schools and Education Programme	£38.1m	Ongoing 2015-19.
3. Property Maintenance	£7.72m	Start date 2018-19. Due to complete 2021-22.
4. Infrastructure Maintenance	£8.96m	Start date 2018-19. Due to complete 2021-22.

1. 21st Century Schools and Education Programme

Finance and delivery

Delivery ongoing. 2015-16 £3.99m, 2016-17 £5.89m, 2017-18 £22.88m, 2018-19 £12.3m, 2019-20 £0.75m.

Additional information

Monmouth Comprehensive funded by Capital Receipts, Prudential Borrowing and Welsh Government (WG) 21st Schools Matched Funding.

2. 21st Century Schools and Education Programme

Finance and delivery

Delivery ongoing. 2015-16 £4.24m, 2016-17 £20.33m, 2017-18 £11.38m, 2018-19 £2.16m.

Additional information

Caldicot Comprehensive school funded by Capital Receipts, Prudential Borrowing and WG 21st Schools Matched Funding.

3. Property Maintenance

Finance and delivery

£1.93m per annum.

Combination of funding and General Capital Grant.

Additional information

Maintenance and improvement of the existing property asset base.

Location: Countywide.

4. Infrastructure Maintenance

Finance and delivery

£2.24m per annum local authority (LA) and WG funding.

Works will be procured mainly through the South East Wales Framework contract.

Additional information

Maintenance and improvement of the existing Highways asset base.

Location: Countywide.

Neath Port Talbot

Project/Programme	Total scheme value (est.)	Timetable
1. Ysgol Gymraeg Ystalyfera (Welsh Medium North Campus)	£18m	Multi phased project due for completion 2018.
2. Ysgol Newydd Margam	£30.4m	School due to open Autumn 2018.
3. Ysgol Gymraeg Bro Dur Welsh Medium School – South Campus	£19m	School due to open September 2018.
4. Ysgol Newydd Briton Ferry	£7.6m	School due to open September 2018.
5. Major Bridge Strengthening	£3.4m	Projects will be delivered between 2017-18 and 2018-19.
6. Harbourside Strategic Employment Site	£5.3m	Due for completion by March 2019.
7. Neath Town Centre Regeneration – Phase 2	£8m	Due to start on site 2018.

1. Ysgol Gymraeg Ystalyfera (Welsh Medium North Campus)

Finance and delivery

Local authority (LA) and Welsh Government (WG). (21st Century Schools and Education Programme).

Additional information

Construction and remodeling at the Ysgol Gyfun Ystalyfera. This project will create a 21st Century Welsh Medium School for 3-18 year old pupils, which will incorporate the current Ysgol Y Wern primary school.

Location: Ystalyfera.

2. Ysgol Newydd Margam

Finance and delivery

LA and WG. (21st Century Schools and Education Programme).

Additional information

This project will establish a brand new all through (ages 3-16) English-medium school in the Margam area of Port Talbot on the site of the existing Dyffryn Upper School and Groes Primary School. The new school will cater for 1,200 secondary pupils, 210 primary pupils and 45 nursery pupils.

3. Ysgol Gymraeg Bro Dur Welsh Medium School – South Campus

Finance and delivery

LA and WG. (21st Century Schools and Education Programme).

Additional information

This project will establish a strategic campus for pupils aged 11 to 16 attending the new 3-18 Welsh-medium school by providing a 650 place facility in the South of the County Borough to complement the provision based at Ystalyfera in the north.

4. Ysgol Newydd Briton Ferry

Finance and delivery

LA and WG. (21st Century Schools and Education Programme).

Additional information

The project will see three primary schools (Brynhyfryd, Llansawel and Ynysmaerdy) with significant surplus capacity and backlog maintenance issues close and be replaced by a new 21st Century school.

5. Major Bridge Strengthening

Finance and delivery

LA funded.

Additional information

The Council is investing circa £2.4m in major bridge strengthening work on the Bont Fawr Aqueduct in Pontrhydyfen, on the A474 river bridge which leads to and from Neath Town Centre and the Alltwen Hill Bridge from Alltwen to Pontardawe.

Also included is a further £1m to strengthen the A474 Vale of Neath Bridge between the A465 Saltings roundabout and the Neath Abbey Court Herbert roundabout.

6. Harbourside Strategic Employment Site

Finance and delivery

Funded by ERDF and LA.

Additional information

The development will include the construction of a road transport network and establish new employment sites to act as a catalyst for economic and physical regeneration in the former industrial area.

7. Neath Town Centre Regeneration – Phase 2

Finance and delivery

LA funded.

Additional information

This project is the second phase in the development of Neath Town Centre and will include circa 37,000 sq ft of floor space for up to eight retail units.

Project/Programme	Total scheme value (est.)	Timetable
1. Welsh Medium Secondary School	£32m	Commenced 2014-15. Due to complete 2017-18.
2. 21 st Century Schools and Education Programme	£11m	Commenced 2014-15. Due to complete 2018-19.
3. 21 st Century Schools and Education Programme – Band B	£70m over five years (awaiting formal approval)	Commencing 2019-20. Due to complete 2021-22.
4. Renovation Grants (disabled facilities)	£1.3m per annum Annual sums	Annual schemes ongoing.
5. Asset Management Programme	£1.5m per annum Annual sums	Annual schemes totaling £1.5m per year.
6. Schemes to support the Council's Change and Efficiency Programme	£2.2m	Start date 2016-17. Due to complete 2017-18.
7. Gypsy Traveller Site Refurbishment	£2.65m	Start date 2016-17. Due to complete 2017-18.

1. Welsh Medium Secondary School

Finance and delivery

Local authority (LA) £15m, Welsh Government (WG) £16m, Monmouthshire Council £1m.

Additional information

New Welsh Medium Secondary School to serve needs of three neighboring authorities also includes refurbishment of existing school on shared site.

Location: Newport, NP10 8YD.

Additional information

Nursery provision complete; primary provision complete; ASD provision almost complete, Demountables and reorganisation ongoing.

£4m diverted to Welsh Medium Secondary project.

Location: Newport various.

2. 21st Century Schools and Education Programme

Finance and delivery

LA £5.5m, WG £5.5m funding – Delivery ongoing. Some contractors appointed, other schemes in design phase.

3. 21st Century Schools and Education Programme – Band B

Finance and delivery

LA £35m. WG £35m grant funding.

Additional information

Approval for grant funding anticipated early 2018.

4. Renovation Grants (disabled facilities)

Finance and delivery

LA funded – Tendered as individual contracts, as specific schemes are identified. Circa £1.3m pa adjusted for slippage when necessary.

Additional information

Authority operates option of agency scheme for householders.

Location: Newport various.

5. Asset Management Programme

Finance and delivery

£1.5m pa LA – Tendered as individual contracts, as specific schemes are identified.

Additional information

Capitalised maintenance of all LA buildings.

Location: Newport various.

6. Schemes to support the Council's Change and Efficiency Programme

Finance and delivery

LA £2.2m – Schemes yet to be determined. Contractors yet to be appointed. Tendered as individual contracts as specific programmed schemes are identified.

Additional information

Location: Newport.

7. Gypsy Traveller Site Refurbishment

Finance and delivery

LA £2.65m – Scheme commenced. Initial grant funding approved, remainder to be confirmed.

Additional information

Location: Newport, Hartridge Farm Road.

Pembrokeshire

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Includes Band A and Band B	£224.92m	Start date 2012-13. Due to complete 2024-25.
2. Highway works in association with 21 st Century Schools	£2.9m	Start date 2017-18. Due to complete 2020-21.
3. Southern Strategic Route	£9.57m	Start date 2008-09. Due to complete 2018-19.
4. Haverfordwest Highway, Traffic and Car Park improvements	£3.03m	Start date 2012-13. Due to complete 2018-19.
5. Fishguard Highways Improvement	£3.28m	Start date 2016-17. Due to complete 2018-19.
6. County Library and Gallery	£4.15m	Start date 2015-16. Due to complete 2018-19.
7. Haverfordwest Townscape Heritage Initiative	£2.69m	Start date 2013-14. Due to complete 2018-19.
8. Waste Review – Infrastructure and Equipment	£3.24m	2018-19.
9. Waste Service Review – Vehicles	£4.56m	2018-19.
10. Newport Parrog Flood Alleviation Scheme	£3.46m	2018-19 to 2020-21.
11. Re:fit Cymru Energy	£2.45m	2017-18 to 2020-21.
12. Replacement of Vehicle and Plant	£4.21m	Annual programme 2017-18 to 2019-20.
13. Housing Revenue Account	£36.08m	Annual programme 2017-18 to 2019-20.

1. 21st Century Schools and Education Programme – Includes Band A and Band B

Finance and delivery

Welsh Government (WG) 50%. Local authority (LA) 50%. Combination of in-house and external professional services. Combination of traditional procurement and design and build.

Awaiting confirmation on Band B.
Delivery ongoing.

Additional information

Schools in Hakin, Johnston, Tenby, Angle.

Location: Pembrokeshire.

2. Highway works in association with 21st Century Schools

Finance and delivery

LA £2.9m.

Site to be determined.

Additional information

Construction of new access for new secondary school provision, improve existing route for non-motorist users.

Location: Haverfordwest.

3. Southern Strategic Route

Finance and delivery

WG £3.85m, S106 £3.5m, LA £2.22m. Internal and external design. Traditional procurement.
Delivery ongoing.

Additional information

Programme of highway improvement works to employment and energy sites south side of The Haven.

Location: The Haven, Pembroke.

4. Haverfordwest Highway, Traffic and Car Park improvements

Finance and delivery

S106 £1.53, LA £1.5m.

External design. Traditional procurement.

Delivery of phase one complete. Design of phase two underway.

Additional information

Location: Haverfordwest.

5. Fishguard Highways Improvement

Finance and delivery

2018-19 WG £0.50m. LA £0.49m.

Delivery ongoing.

Additional information

Provision of new link road in town centre which will enable redevelopment of land.

Location: Fishguard.

6. County Library and Gallery

Finance and delivery

External funding bodies £430k. LA £3.72m.

Contractor appointed, delivery ongoing.

Additional information

The scheme will create a modern 21st Century County Library co-located together with a coffee shop and an exhibition gallery.

Location: Haverfordwest.

7. Haverfordwest Townscape Heritage Initiative

Finance and delivery

Heritage Lottery Fund £1.2m, LA £1.39m, Cadw £0.1m.

Additional information

Grants to private sector.

Scheme to address the deterioration of the historic environment, address unsympathetic improvements to the streetscape and encourage re-occupation of vacant buildings.

Delivery ongoing.

Location: Haverfordwest.

8. Waste Review – Infrastructure and Equipment

Finance and delivery

LA £3.24m.

Additional information

Scheme to understand the lowest cost and best performing future option for the delivery of waste and recycling services to residents and businesses in the authority area.

Location: Pembrokeshire.

9. Waste Service Review – Vehicles

Finance and delivery

WG £2.m, LA £2.56m.

Additional information

Scheme to understand the lowest cost and best performing future option for the delivery of waste and recycling services to residents and businesses in the authority area.

Location: Pembrokeshire.

10. Newport Parrog Flood Alleviation Scheme

Finance and delivery

WG £2.59m, LA £0.86m.

Additional information

Scheme to introduce a flood alleviation scheme that is technically sound, economically viable and environmentally acceptable, by raising the sea wall.

Location: Newgale.

11. Re:fit Cymru Energy

Finance and delivery

£2.13m Salix Finance, LA £0.32m.

Additional information

Installation of energy and water efficient measures to reduce revenue costs.

Location: Pembrokeshire.

12. Replacement of Vehicle and Plant

Finance and delivery

LA £4.21m.

Additional information

Rolling programme of vehicle replacement.

Traditional procurement.

Location: Pembrokeshire.

13. Housing Revenue Account

Finance and delivery

WG Major Repairs Allowance £12m, LA £24.08m.

Additional information

Improvements to council housing stock.

Location: Pembrokeshire.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£67.57m	Start date 2013. Due to complete 2019-20.
2. 21 st Century Schools and Education Programme – Band B	£23.5m	2019-21.
3. Major School Improvements	£7.54m	Ongoing 2013-20.
4. Highway Improvements	£15.8m	2017-20.
5. Structural Maintenance (Roads)	£7.3m	Start date 2014-15. Due to complete 2018-19.
6. Housing Energy Efficiency Measures	£2.63m	Start date 2017-18. Due to complete 2019-20.
7. Recycling Centre	£2.4m	Start date 2017-18. Due to complete 2018-19.
8. Brecknock Museum and Library Project	£9.1m	Start date 2015. Due to complete 2018.
9. Disabled Facility Grants	£7.4m	Ongoing.
10. Replacement of Vehicle and Plant	£16.79m	Started 2013-14. Due to complete 2019-20.
11. Office Accommodation	£3.25m	2017-20.
12. Welsh Housing Quality Standard	£42.92m	Start date 2013-14. Due to complete 2020-21.
13. Housing Photo-Voltaic	£4.29m	Start date 2018-19. Due to complete 2019-20.
14. Housing Improvements	£3.5m	Start date 2015-16. Due to complete 2018-19.
15. Housing Repurchase and New Build	£12.13m	Start date 2015-16. Due to complete 2018-19.
16. Housing Communal Works	£3.16m	Start date 2018-19. Due to complete 2019-20.
17. Fleet Depot	£3.94m	Start date 2016-17. Due to complete 2019-20.
18. ICT Strategy	£4.05m	Ongoing.
19. Regeneration Fund	£2.07m	Start date 2016-17. Ongoing.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding. Contractor appointed on New Welsh Medium School. Other projects at Outline Business Case stage.

Additional information

New Welsh Medium School: Newtown
Gwernyfed Primary Schools: Hay on Wye, Clyro and Talgarth, Llyswen and Llangors
Brecon High School: Brecon
Glantwymyn refurbishment: Glantwymyn
Welshpool Schools review: Welshpool
Machynlleth School: Machynlleth.

2. 21st Century Schools and Education Programme – Band B

Finance and delivery

LA and WG funding to be confirmed.

Additional information

Locations to be confirmed.

3. Major School Improvements

Finance and delivery

LA funding.

Additional information

Location: Countywide.

4. Highway Improvements

Finance and delivery

LA funding.

Additional information

Location Countywide.

5. Structural Maintenance (Roads)

Finance and delivery

LA funding.

Additional information

Scheme to ensure the roads are maintained to an agreed standard.

Location: Countywide.

6. Housing Energy Efficiency Measures

Finance and delivery

HRA funding.

Additional information

Location: Countywide.

7. Recycling Centre

Finance and delivery

LA £0.34m, supported borrowing, £0.18m prudential borrowing and £1.88m capital receipts.

Additional information

Location: Abermule.

8. Brecknock Museum and Library Project

Finance and delivery

LA £6.74m, Heritage Lottery Fund £2.07m, other £0.9m.

Delivery: Planning permission obtained and contractor appointed.

Additional information

Scheme refurbishment of Brecon Museum and construction of library extension.

Location: Brecon, LD3 7DS.

9. Disabled Facility Grants

Finance and delivery

LA Supported Borrowing. Delivery Grant Applicant Tender.

Additional information

Location: Countywide.

10. Replacement of Vehicle and Plant

Finance and delivery

LA £13m. Prudential Borrowing £3.79m.

Additional information

Location: Countywide.

11. Office Accommodation

Finance and delivery

LA funding.

Additional information

Location to be confirmed.

12. Welsh Housing Quality Standard

Finance and delivery

LA £20.42m Prudential Borrowing,
Reserves £11.4m, WG £11.1m.

Delivery: Existing Frameworks.

Additional information

Scheme Programme to upgrade council dwellings under existing framework contracts.

Location: Countywide.

13. Housing Photo-Voltaic

Finance and delivery

HRA funding.

Additional information

Location: Countywide.

14. Housing Improvements

Finance and delivery

HRA funding.

Additional information

Scheme to improve Older Persons Council dwellings.

Location: Countywide.

15. Housing Repurchase and New Build

Finance and delivery

HRA funding.

Additional information

Scheme to increase the number of council dwellings.

Location: Countywide.

16. Housing Communal Works

Finance and delivery

HRA funding.

Additional information

Location: Countywide.

17. Fleet Depot

Finance and delivery

LA Prudential Borrowing.

Additional information

Location: Llandrindod Wells.

18. ICT Strategy

Finance and delivery

LA funding.

Additional information

Various LA related projects such as the new finance system at county hall in Llandrindod Wells and the IT infrastructure system which is at all county offices.

Location: Countywide.

19. Regeneration Fund

Finance and delivery

LA funding.

Additional information

Various projects throughout the LA.

Location: Countywide.

Rhondda Cynon Taf

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£160m	Ongoing 2013-2021.
2. Roof Renewal	£2.3m	Start date 2018. Due to complete 2021.
3. Highways Improvements	£6.4m	Start date 2018. Due to complete 2021.
4. Transportation Infrastructure	£10.77m	Start date 2018. Due to complete 2021.
5. Structures	£8.09m	Start date 2018. Due to complete 2021.
6. Taff Vale Development	£46.83m	Start date 2018. Due to complete 2020.
7. Disabled Facilities Grants/Adaptations	£12m	Start date 2018. Due to complete 2021.
8. Empty Property Grant Scheme	£2.2m	Start date 2018. Due to complete 2019.
9. Modernisation Programme (adults)	£3.77m	Start date 2018. Due to complete 2020-21.
10. Vehicles	£10.16m	Start date 2018. Due to complete 2021.

1. 21st Century Schools and Education Programme

Finance and delivery

Funding Sources: Prudential Code £80m, Welsh Government (WG) Grant £80m.

Delivery Status: Ongoing delivery.

Additional information

11 schemes: Aberdare School and Sports Centre, Y Pant Comprehensive, Treorchy Primary, Cwmaman and The Rhondda review which includes Tonyrefail, Tonypandy, Treorchy Secondary, Porth County, Cymmer Primary, Llwynceilyn (18-19) and YGG Tonyrefail (18-19).

Location: Aberdare, Pontyclun, Treorchy, Porth, Tonyrefail and Tonypandy.

2. Roof Renewal

Finance and delivery

Funding Source: Local authority (LA) £2.3m.

Delivery Status: Ongoing delivery via tendered contractors.

Additional information

9 roof schemes in schools.

Location: Bryncelynnog Comp and Ferndale Community School, Alaw, Blaengwawr, Cwmbach, Cwmlai, Hendreforgan Primaries. YGG Evan James and Ysgol Llanhari.

Location: Countywide.

3. Highways Improvements

Finance and delivery

Funding Sources: LA £6.4m.

Delivery Status: Combination of in-house provision and LA framework contractors.

Additional information

Planned programme of highway improvement works.

Location: Countywide.

4. Transportation Infrastructure

Finance and delivery

Funding Source: LA £10.77m.

Additional information

6 major schemes: Porth, Pontyclun and Abercynon Park and Rides, Mountain Ash Cross Valley Link, Making Better Use works and Tonypandy Town Centre.

Location: Countywide.

5. Structures

Finance and delivery

Funding Sources: LA £8.09m.

Delivery Status: Schemes are at various stages of design, tender, delivery.

Additional information

Schemes: Aberaman, Tyntyla footbridge, Pontypridd Rd River Wall, Brook St. Bridge, St.Albans Bridge, Pontrhonnda Bridge, Pontygwaith River Wall and advance preparation over various areas within the county.

Location: Llantrisant, Aberaman, Ystrad, Blaenrhondda and the Rhondda.

6. Roof Renewal

Finance and delivery

Funding Sources: WG Grant £9.59m, LA £37.24m.

Delivery Status: Scheme designed, ongoing delivery.

Additional information

Ongoing redevelopment of the Taff Vale site including main construction.

Location: Pontypridd.

7. Disabled Facilities Grants/Adaptations

Finance and delivery

Funding Source: LA £12m.

Delivery Status: Ongoing delivery via LA framework contractors.

Additional information

Works of adaptation for disabled residents living in their own home.

Location: Countywide.

8. Empty Property Grant Scheme

Finance and delivery

Funding Source: LA £2.2m.

Delivery Status: Ongoing delivery via LA framework contractors.

Additional information

Returning empty properties into use has a significant positive impact for the community by providing valuable accommodation but also improving the street scene and enhancing the neighbourhood's environmental and social conditions.

9. Modernisation Programme(Adults)

Finance and delivery

Funding Source: LA £3.77m.

Delivery Status: Ongoing delivery via LA framework contractors.

Additional information

Investment in Adult Care Programme including Extra Care Facility and Supported Living.

10. Vehicles

Finance and delivery

Funding Source: LA £10.16m.

Delivery Status: Ongoing.

Additional information

Ongoing replacement programme of fleet vehicles via LA framework of suppliers.

Location: Countywide.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme (Band A)	£51.31m	Ongoing 2014-19.
2. 21 st Century Schools and Education Programme (Band B)	£149.69m	Programme from 2018-19 to 2023-24.
3. Highways Capital Maintenance	£16.59m	Continuous improvement programme. 2017-18 to 2020-21.
4. Pipehouse wharf depot replacement	£2.24m	Start date 2016-17.
5. Tir John refuse tip closure and remedial works	£7.25m	Ongoing 2014-15 to 2018-19.
6. Buildings Capital Maintenance	£19.74m	Ongoing 2017-18 to 2020-21.
7. Swansea City Centre Redevelopment (St Davids and Civic Centre sites)	£7.93m	Start Date 2016. Completion to be determined.
8. Kingsway Infrastructure development	£12.2m	Start Date 2017-18. Due to complete 2020-21.
9. Disabled Facilities Grants and Other Improvement grants	£21.57m	Ongoing 2016-17 to 2020-21.
10. HRA schemes	£218.5m	Ongoing 2017-18 to 2020-21.

1. 21st Century Schools and Education Programme (Band A)

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding – Delivery ongoing. Mainly external contractors with some in-house projects.

Additional information

Location: Various, Swansea.

2. 21st Century Schools and Education Programme (Band B)

Finance and delivery

Awaiting confirmation from WG of Band B programme which will be funded by LA and WG grants – early delivery of an initial Band B scheme is being sought.

3. Highways Capital Maintenance

Finance and delivery

LA funding utilising external and in-house contractors.

Additional information

Location: various locations throughout Swansea.

4. Pipehouse wharf depot replacement

Finance and delivery

LA £2.43m – scheme progressing.

5. Tir John refuse tip closure and remedial works

Finance and delivery

LA £7.25m – schemes being completed.

Additional information

Location: St Thomas, Swansea.

6. Buildings Capital Maintenance

Finance and delivery

LA funding utilising external and in-house contractors.

Additional information

Location: Various locations throughout Swansea including school buildings.

7. Swansea City Centre Redevelopment (St Davids and Civic Centre sites)

Finance and delivery

Initial development phase with outline planning consent granted and commencement of the procurement stage (funding mechanism to be confirmed).

Additional information

Location: Swansea.

8. Kingsway Infrastructure development

Finance and delivery

Initial development phase (with funding mechanism to be confirmed).

Additional information

Location: Swansea.

9. Disabled Facilities Grants and Other Improvement grants

Finance and delivery

LA funding – various contractors.

Additional information

Location: Minor works to third party properties at various locations throughout Swansea.

10. HRA schemes

Finance and delivery

LA and WG funding – various external and internal contractors.

Additional information

Improvements to council dwellings and external facilities to achieve WHQS (including refurbishment of high rise blocks).

Location: various locations throughout Swansea.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£86.08m	Ongoing 2013-20.
2. Disabled Facilities Grants	£3.3m	Start date 2017. Due to complete 2020.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding – Delivery ongoing.

Contractor appointed for phase 1b – construction of three new primary schools which have been completed, the redevelopment of a secondary is ongoing.

Contractors appointed for the redevelopment of two primary schools ongoing.

Additional information

Location: Countywide.

2. Disabled Facilities Grants

Finance and delivery

LA £3.3m – various.

Additional information

Torfaen County Borough Council only scheme allocated annually. Assumed constant WG core allocation.

Vale of Glamorgan

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme	£33m	Ongoing 2013-14 to 2018-19.
2. Victorian Schools	£2.17m	Ongoing 2014-15 to 2018-19.
3. 21 st Century Schools and Education Programme – Band B	£142.42m	Due to start 2017-18. Due to complete 2023-24.
4. Schools asset renewal	£3.48m	Ongoing 2017-18 to 2020-21.
5. Five Mile Lane	£25.8m	Ongoing.
6. Visible Services Asset Renewal	£5.23m	Ongoing 2017-18 to 2020-21.
7. Boverton Flooding	£2.25m	Ongoing to 2018-19.
8. Coldbrook Flood Risk Management Construction Phase	£4.2m	2015-16 to 2018-19.
9. Disabled Facility Grants	£4.8m	Ongoing 2017-18 to 2020-21.

1. 21st Century Schools and Education Programme

Finance and delivery

Local authority (LA) and Welsh Government (WG) funding – Delivery ongoing.

Additional information

Location: Countywide.

3. 21st Century Schools and Education Programme – Band B – Victorian Schools

Finance and delivery

LA, WG and S106 funding – Contractor to be agreed.

Additional information

Location: Various Locations across the Vale of Glamorgan.

2. Victorian Schools

Finance and delivery

LA £2.17m – Delivery ongoing.

Additional information

Location: Victorian schools across the Vale of Glamorgan.

4. Schools asset renewal

Finance and delivery

LA £3.48m.

Additional information

Location: Various locations across the Vale of Glamorgan.

5. Five Mile Lane

Finance and delivery

WG grant funded scheme.

Additional information

Provide strategic and direct access to the St Athan and Cardiff Airport Enterprise Zone in support of the Welsh Government's policy for job creation and employment.

Location: Five Mile Lane.

6. Visible Services Asset Renewal

Finance and delivery

LA £5.23m – Contractor to be agreed.

Additional information

Location: Various locations across the Vale of Glamorgan. Includes Highways Improvements, and annual Coast and Flood Protection.

7. Boverton Flooding

Finance and delivery

LA and WG Funding.

Additional information

Location: Boverton.

8. Coldbrook Flood Risk Management Construction Phase

Finance and delivery

Grant and LA funding.

Additional information

Location: Barry.

9. Disabled Facility Grants

Finance and delivery

LA £4.80m – multiple contractors.

Additional information

Location: Various locations across the Vale of Glamorgan.

Project/Programme	Total scheme value (est.)	Timetable
1. 21 st Century Schools and Education Programme – Gwersyllt Primary School	£2.8m	Start date 2018. Due to complete 2018-19.
2. HRA Council dwellings upgrade	£141.9m	Ongoing to 2022.
3. Disabled Facilities Grants	£5.8m	Ongoing to 2022.

1. 21st Century Schools and Education Programme – Gwersyllt Primary School

Finance and delivery

Local authority (LA) – £1.4m and Welsh Government (WG) £1.4m funding.

Additional information

Location: Wrexham LL11 4NT.

2. HRA Council dwellings upgrade

Finance and delivery

WG £37.8m, £62m prudential borrowing, LA £42.1m – delivery ongoing – multiple contractors.

Additional information

Upgrades to Council dwellings include central heating, re-roofing, electrical work, kitchens, bathrooms and other major repairs.

Location: Countywide.

3. Disabled Facilities Grants

Finance and delivery

LA supported borrowing – delivery ongoing – multiple contractors.

Additional information

Statutory requirement – property adaptations to allow individuals to remain in their own homes e.g. showers, stairlifts, internal modifications.

Location: Countywide.

Annex 3 – Private Sector Project Pipeline

As part of our work to develop a complete picture of strategic infrastructure investment across Wales, the following section contains a collation of private sector investment from the Energy, Water and Rail sectors. Whilst the schemes presented here are priority investments and have a high probability of being delivered, they do not represent any formal commitment from the companies or their partners included below.

Water			
Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
Dee Valley Water (DVW) plc (owned by Severn Trent)			
1. Integrated network investments to improve water quality and resilience across DVW's supply area	£17m	Private sector investment, no Welsh Government (WG) funding expected.	2015-18
2. Service reservoirs	£9m	Private sector investment, no WG funding expected.	2016-18
3. Pipe replacement	£4m	Private sector investment, no WG funding expected.	2015-18
4. Oerog Springs – refurbishment	£1m	Private sector investment, no WG funding expected.	2015-18
5. Wrexham pumping station upgrade	£1m	Private sector investment, no WG funding expected.	2018
6. Ongoing maintenance of other operational assets	£1m	Private sector investment, no WG funding expected.	2015-18
7. Treatment works upgrades	£0.5m	Private sector investment, no WG funding expected.	2018
Severn Trent			
8. Severn Trent Investment Schemes (Powys)	£85m		April 2015 – April 2020.

Water

Dŵr Cymru Welsh Water

9. Collecting, Storing and Transferring Raw Water	£65.9m	N/A	2017-20
10. Treating Water for Public Health	£85.1m	N/A	2017-20
11. Delivering a Reliable Supply of Safe Drinking Water	£239.5m	N/A	2017-20
12. Collecting Wastewater to Protect Health	£54.1m	N/A	2017-20
13. Transferring and Treating Wastewater to protect the Environment	£235.4m	N/A	2017-20
14. Treating Used Water to Protect the Environment	£93.0m	N/A	2017-20
15. Managing environmental impacts in the Loughor Estuary and Burry Port area	£77.0m	N/A	2017-20
16. Safely Disposing of Sewage Sludge and Generating Renewable Energy	£143.2m	N/A	2017-20
17. Safeguarding Resilience	£16.6m	N/A	2017-20
18. Strategic Planning, Research and Cross-company Activities	£109.6m	N/A	2017-20

1. Integrated network investments to improve water quality and resilience across DVW's supply area

Finance and delivery

Private sector led investment.

Additional information

De-commissioning legacy treatment works and replacing it with new mains and pumping stations.

2. Service reservoirs

Finance and delivery

Private sector led investment.

Additional information

Replacement of three service reservoirs in Wrexham (1 No.) and Llangollen (2 No.) and refurbishment of other reservoirs.

3. Pipe replacement

Finance and delivery

Private sector led investment.

Additional information

Replacing 12km/year of pipes to reduce the number of bursts and provide a resilient supply for customers.

4. Oerog Springs – refurbishment

Finance and delivery

Private sector led investment.

Additional information

Upgrading treatment works to enhance the quality of water to customers in Llangollen.

5. Wrexham pumping station upgrade

Finance and delivery

Private sector led investment.

Additional information

Refurbishment of Wrexham pumping station to maintain a resilient supply of water to 45,000 customers in Wrexham.

6. Ongoing maintenance of other operational assets

Finance and delivery

Private sector led investment.

Additional information

General maintenance to ensure the assets continue to perform their duty.

7. Treatment works upgrades

Finance and delivery

Private sector led investment.

Additional information

Improvements in treatment processes.

8. Severn Trent Investment Schemes (Powys)

Finance and delivery

Water and Sewerage Company Combined Investment Scheme.

Additional information

Combined investment programme for the Severn Trent area in Powys.

Includes three schemes relating to the Elan Valley Aqueduct.

9. Collecting, Storing and Transferring Raw Water

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

The purpose of this investment is to improve raw water storage, quality and security of supply and to comply with legislative obligations including: the National Environment Programme, the Eels Regulations, Water Framework Directive and duties contained within the Water Industry Act 1991.

10. Treating Water for Public Health

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

The purpose of this investment is to ensure compliance with drinking water standards and safeguard public health by undertaking work at various treatment works to improve the process, leading to improved drinking water quality and to provide a stable service. The investment will also help meet statutory obligations under Drinking Water Regulations.

11. Delivering a Reliable Supply of Safe Drinking Water

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

Investment in the infrastructure in Welsh Water's distribution area are required to meet the needs of the growing population and safeguard levels of existing service. Works will include improving the condition of trunk and distribution mains to reduce burst pipes and discolouration and will improve reliability and serviceability.

Installation and replacement of water meters, bulk meters and data loggers are designed to improve the accuracy and visibility of the network flow data.

12. Collecting Wastewater to Protect Health

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

Investment is designed to enhance waste water assets in order to cope with the capacity required by a growing population. It will also ensure that first time sewerage applications are assessed and delivered where appropriate.

13. Transferring and Treating Wastewater to protect the Environment

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

This investment is designed to deliver improvements to assets to meet Water Framework Directive and conservation drivers (as determined in the National Environment programme). Work planned at water treatment works will help reduce the impact of our activities on the environment.

Improvements to assets will help meet Bathing Water and Shellfish Water directive water quality requirements, by reducing spills and overflows from the sewerage network and will help ensure that the company is able to maintain compliance with regulatory permits.

Installation of monitors and impact investigation programmes will ensure that future investment is based on sound evidence and sustainable technologies.

Sewer maintenance and rehabilitation will reduce the number of properties experiencing flooding from the sewer network and will minimise the environmental impact of discharges from the network.

14. Treating Used Water to Protect the Environment

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

Investment in wastewater treatment works is required to protect public health and ensure compliance with regulatory permits, addressing operational, pollution and health and safety risks and also increase capacity to accommodate growth, as indicated by Local Planning Authorities.

Investment in Outfall rehabilitation schemes will contribute to ensuring that discharges have no adverse impact on the environment and that the company complies with permits.

15. Managing environmental impacts in the Loughor Estuary and Burry Port area

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

This is a programme to control the frequency and duration of spills from the sewer network to mitigate the environmental impact on coastal waters in the Loughor Estuary and Burry Port area, including designated Shellfish waters and conservation areas and to meet objectives set out in the National Environment Programme.

16. Safely Disposing of Sewage Sludge and Generating Renewable Energy

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

Investment is needed to ensure the sustainable management of sewage sludge, to reduce operational costs and, comply with regulatory requirements.

Investment in energy efficiency schemes to increase renewable energy generation, improve energy efficiency, reduce operational carbon and provide operational cost savings.

17. Safeguarding Resilience

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

Investment in emergency planning and risk management programmes to ensure compliance with the Security (Emergency Measures) Direction, to support resilience of essential water and environmental services, reduce the risk of serviceability failure at sites which are at risk of flooding and coastal erosion and minimise response times in the event of a major incident occurring.

18. Strategic Planning, Research and Cross-company Activities

Finance and delivery

Financed through Welsh Water by customers, capital markets and bank finance. Delivery through the company's in-house and supply chain resources.

Additional information

Investment in enabling infrastructure such as transportation, IT systems, laboratories and facilities in order to maintain asset serviceability, asset value and compliance with regulatory requirements.

This also includes additional investment to safeguard health and safety for our employees, fulfil obligations to the community through education, conservation and access and deliver research, development and innovation projects.

Energy

Project/Programme	Total scheme value (est.)	Welsh Government support (est.)	Timetable
1. Wylfa Newydd	£12bn	Welsh Government (WG) is tailoring its support to gain maximum benefit for Wales.	circa 2014–25 development and construction. circa 2025–85 operational phase.
2. National Grid Electricity – North Wales Connection Project	£400m+	N/A	2017-19.
3. Offshore Wind	£100m-£200m	N/A	2018-25.
4. Onshore Wind	£0m- £200m	N/A	2019-25.
5. Solar	£20m-£50m	N/A	2018 onward (20–25 year life cycles).
6. Energy from Waste – Parc Adfer	£180m	£5.56m revenue pa (25 years)	2017-20.
7. Hydro Pumped Storage	£250m	N/A	2018+.
8. Marine Energy – Tidal Range	£1.3bn		2017-21 construction of Swansea Bay Tidal Lagoon (SBTL), projected 120 year life.
9. Marine Energy – Wave and Tidal Stream	€200m (€100m ERDF funding plus an estimated €100m private match funding)	European Structural Fund Programmes 2014-2020.	2014-20. New EU funded projects will continue to be considered up until March 2019.
10. National Grid	£749m – £2.5bn	N/A	
11. Western Power Distribution (WPD)	£48.6m network reinforcement. £396.9m non-load network investment	N/A	2015-23.
12. Scottish Power Electricity Networks	£213.3m network reinforcement. £855.8m non-load network	N/A	2015-23.
13. Swansea Bay City Deal	Yet to be finalised	WG/WEFO funding expected.	2018-23.
14. Cardiff Capital Region	Yet to be finalised	WG/WEFO funding expected.	2018-23.

Energy

15. Smart Living	Individual demonstrators will vary in value with initial projects estimated between £10m to £20m for delivery	Small levels of pump priming development with some projects to initialize smart innovative solutions. Smart Living Project B	2015-16 onwards.
16. Local Energy	Unknown		2010-18 onwards.
17. Local Energy – Small Scale Renewables	circa £25m	Up to £15m ERDF.	2018 onwards.
18. Gas	£1.5bn	N/A	2015-16 onwards.

1. Wylfa Newydd

Finance and delivery

Contract for Difference (CfD) discussions are about to begin which will result in a strike price being agreed to support activity in nuclear sector that adds value to the private sector investment.

To date, investment has included £5m Welsh Government (WG) commitment for skills training at Coleg Menai and £10m made available to support Science Park on Anglesey.

A co-ordinated response is being implemented through the WG Nuclear Programme Board to the challenges presented by the construction of Wylfa Newydd – a Strategic Outline Business Case is being prepared to maximise the benefits realization for the Welsh economy.

Additional information

Ability of Wales to optimise benefit from the £12bn private sector investment will be dependent on the ability of Wales to service the development with: competitive people, competitive businesses and competitive infrastructure. Doing so successfully will help Wales secure its share of the stated 60% sourcing from within the UK.

There are a number of associated projects including Port of Holyhead Development, Menai Science Park and North Grid's North Wales Connection project.

A Final Investment Decision is anticipated by the end of 2019/start of 2020.

BEIS has recently consulted on the review of National Policy Statement for Nuclear, which identifies that the deployable date of 2025 will in effect be extended to 2035. The consultation closed on 15th March 2018.

The Fit 4 Nuclear (F4N) programme enables companies to measure their operations against the standards required to supply the nuclear industry in new build, operations and decommissioning and take the necessary steps to close any gaps, and become ready to bid for work in the civil nuclear supply chain.

WG allocated £450k funding, to support a cohort of approximately 50 companies on the F4N 2017-18 programme. A further £300k has been allocated to the programme for 2018-19.

2. National Grid Electricity – North Wales Connection Project

Finance and delivery

Private sector led investment. Agreement between National Grid and WG being developed that will allow National Grid to investigate the feasibility of placing the electric transmission cables under the new highway bridge deck.

Additional information

An application for a Development Consent Order is expected in 2018 and a decision 18 months later.

3. Offshore Wind

Finance and delivery

Strong support currently from UK CfD mechanism. Crown Estate outlined plans for possible future offshore in Welsh waters. Not expected to be operational before 2025. Consultation on zones to start in 2018 with ITTs within a year for assignment by end 2019. Likely to be circa 1 GW.

Additional information

Wales has no route to directly fund offshore projects (still dependent on UK CfD mechanism) and next round of projects will likely not be built until circa 2025 if any are progressed in Wales' waters, so our focus will be to maximise economic gain. Ports may need investments to participate, but this is dependent on the willingness of private-sector owned Ports to see such investments as worthwhile. We will ensure developers and Tier 1 suppliers engage with Wales' supply chain to maximise Welsh content (as we have successfully done for onshore wind).

Research to be procured in early 2018 to gain greater information on evidence to guide future policy development in Wales.

Port of Mostyn is O&M base for offshore projects already built. Possible role for future new build as construction or turbine installation base, but this will depend on zone locations The Crown Estate announced it will be consulting in 2018 on potential new leasing opportunities; this will involve gathering evidence to allow the Crown Estate to open another lease round.

4. Onshore Wind

Finance and delivery

Onshore still excluded from CfD mechanism. Some consented projects now built but others remain stranded following exclusion from revenue support mechanisms (CfD/ROC). Some signs that onshore may be re-admitted to future auctions (2018+) but not guaranteed. May be structured as "non-CfD" subsidy or some form of Power Purchase funding route. Developers becoming more positive recently Issued call for evidence on increasing "shared ownership" projects (Jan-Mar 18) to increase Welsh benefit.

Additional information

All projects will be under WG consenting powers (currently grid connections remain with UK). Consultation on consenting process expected spring 2018.

Over 2GW of commercial scale wind projects previously identified as achievable in Wales.

Regeneris estimated around £1.1m per MW spend in development/construction phase of which 35% of this spend will be retained locally.

Dialogue continues with developers and stakeholders.

5. Solar

Finance and delivery

Private sector led. Large scale solar project (70MW) approved in Anglesey (Nov 17). Driven by PPAs rather than subsidy schemes.

Additional information

Previous shift to small scale projects now seems to be moving back towards very large scale ground mounted projects to give lowest cost per MW benefits of scale.

6. Energy from Waste – Parc Adfer

Finance and delivery

10 procurement projects, incorporating residual waste and anaerobic digestion for food waste, providing over 75MW are proposed, consented or under construction.

Private sector investment with 23 year loan from Green Investment Bank/Siemens. WG Funding. The Parc Adfer funding is funding to support the five North Wales local authorities and covers the 25 year life of the project.

Additional information

The construction phase for the new £180m energy-from-waste facility for North Wales (Parc Adfer) started at the beginning of 2017 and will take an estimated three years to complete.

Once operations commence in 2019, post-recycled residential and business waste from five North Wales partnership authorities will be diverted from landfill to generate clean and sustainable energy for local homes and businesses. Parc Adfer will also be capable of providing heat and steam to local industry and nearby homes, an opportunity Wheelabrator Technologies is actively pursuing with local authorities and the Welsh Government.

The facility aims to use local suppliers wherever possible through the construction and operational phases. Over 60% of the current supply chain comes from within 30 miles of Deeside Enterprise Zone site.

Operational recruitment will commence in 2018 and Wheelabrator Technologies will advertise positions locally, including through Jobcentre Plus. These roles will range from plant management to various specialist operational, technical and administrative roles. The project has provided employment for 211 full time positions, as of Dec 2017.

7. Hydro Pumped Storage

Finance and delivery

Private sector led.

Glyn Rhonwy project has received development consent. Financing now a challenge after changes to embedded generation compensation payments, project currently paused. Based on outline figures, the project is expected to cost approximately £200m.

Dinorwig have announced £50m upgrade to two of the existing 4 turbines which will further extend the life of the installation.

Additional information

Single proposal in North Wales for a pumped scheme of up to 100 MW.

If successfully delivered it is understood further sites have been identified for schemes of similar scale.

Storage clearly critical to grid balancing with more intermittent renewables but battery projects seem favoured.

8. Marine Energy – Tidal Range

Finance and delivery

Private sector led.

Enterprise Zones established to support businesses. Supply chain support to maximise the Welsh spend from these projects.

Early practical support to enable the embryonic marine energy market to develop.

On 10 January 2018, the First Minister reiterated his support for the project and said he was ready and willing to provide further substantial investment to get the project off the ground.

Additional information

Swansea Bay Tidal Lagoon is the most advanced project proposal for a tidal lagoon, with a projected cost of circa £1.3bn.

Further tidal lagoon projects may see private sector investment of over £5bn, however at this early stage of development of the industry figures require clarification.

TLP is focused on spending 50% of the capital expenditure of the Tidal lagoon Swansea Bay project within Wales, and to deliver a new Turbine Hydro business within the UK, centred in Wales in order to support not only the development of those lagoons within the UK, but also those internationally.

A study commissioned by TLP, produced by the Centre for Economic Business Research concluded: A national fleet of 6 lagoons would contribute £42bn to UK GDP during 12-15 years of construction. Creating or sustaining 35,800 jobs on average and 70,900 jobs at its peak.

In operation, the fleet would contribute £3.1bn per annum to UK GDP. Creating or sustaining as many as 6,400 jobs. Potential to increase net exports by £3.7bn per year – equivalent to 13% of the current trade deficit.

Hendry Review Team has reported favorably for a pathfinder project to be supported however UK Government is still considering the recommendations.

The Marine License remains to be determined.

9. Marine Energy – Wave and Tidal Stream

Finance and delivery

Private sector led projects part funded by the 2014-2020 European Structural Fund Programme.

€100m to increase the number of wave and tidal energy devices being tested in Welsh waters and off the Welsh coast, including multi-device array deployments, thereby establishing Wales as a centre for marine energy production.

Morlais progressing consenting of zone.

Grid infrastructure will only follow in 2019 if device developers have a CfD or Innovation Power Purchase Agreement or some other route to market for their projects.

The latest Contracts for Difference consultation groups these technologies with offshore wind, whose falling costs render them more competitive.

Additional information

Tidal Energy Ltd went into administration on 17 October 2016. DeltaStream technology development project did achieve its primary objective and has provided a significant amount of learning to the sector and the local supply chain.

Marine energy projects are being delivered by Minesto, Marine Power Systems and Wave-tricity supported by EU funding.

Morlais (West Anglesey) tidal demonstration zone has attracted 8 tidal stream developers and has been awarded £4.5m of EU and £200k Welsh government funds. The Menter Môn Morlais scheme has been set up to help accelerate the development and commercialisation of multiple tidal stream technologies in the Crown Estate awarded Morlais Demonstration Zone.

Wave Hub are undertaking a technical and commercial feasibility study of the south Pembrokeshire wave demonstration zone.

10. National Grid

Finance and delivery

Private sector led.

Welsh Government is working in partnership with National Grid to explore the options and regulatory requirements for the provision of a combined road bridge and cable crossing of the Menai Strait to maximise benefits to the public purse. Welsh Government focus is on ensuring transmission and distribution operators' investment plans support Welsh energy policy.

Additional information

Part of Anglesey Energy Island expected £25bn investment over the next 15 years. Initial preferred option includes a new overhead line from Wylfa to Pentir and 6km underground at Glaslyn.

11. Western Power Distribution (WPD)

Finance and delivery

Private sector led investment.

Additional information

RIO Business Plan approved by OFGEM. Covers WPD's South Wales region.

12. Scottish Power Electricity Networks

Finance and delivery

Private sector led investment.

Additional information

Investment covers SP Manweb region.

13. Swansea Bay City Deal

Finance and delivery

A mixture of private and public sector funding.

Additional information

There are a number of strands within the City Deal that have an energy component, including Pembroke Marine and Homes as Power Stations.

14. Cardiff Capital Region

Finance and delivery

A mixture of private and public sector funding.

Additional information

There are a number of strands within the City Deal that have an energy component, including the Innovation and Housing themes.

15. Smart Living

Finance and delivery

Working at regional and LA level to develop Wales-wide proposals for Smart Living drawing on a range of funding sources needed.

Creating an innovative learning platform to inform future policy and attract smart innovative solutions to Wales.

Smart Living Technical Group established bringing expertise and horizon scanning for innovative solutions to inform Wales. Supplemented by initiation of the Hydrogen and Associated Green Gases Reference Group.

To-date demonstrators have attracted £15m investment and supplementary support of £30m from UK and private innovation sources.

Additional information

Within an approved Smart Living Framework a first wave of seven demonstrator projects have been initiated covering different learning opportunities.

Demonstrators include:

- the Medium Voltage Direct Current (Angle DC) pilot in Anglesey being taken forward by Scottish Power Energy Networks to improve management and control of capacity of the local networks
- Bridgend County Borough Council working with the Energy Technologies Institute and now the Energy Systems Catapult piloting and demonstrating Smart Systems and Heat using new technologies, systems and processes applied to Heat.

16. Local Energy

Finance and delivery

WG Local Energy Service provides advice, support and enabling funding to encourage the development of small scale and distributed generation of energy (electricity and heat). It is supporting the projects in development for the ERDF funded programme.

16 community scale projects have now been constructed and are operational in Wales, with WG support, providing an estimated lifetime return of £18m. However reduction in Feed in Tariffs mean developments without pre-accreditation are much less likely to go ahead. Work is under way to develop business models that work in a subsidy free environment. Likely to need a patient capital approach as projects are viable over longer term. WG Local Energy Fund provides access to approximately £5m recycling capital.

WG has published targets for 1 GW of locally owned electricity generation by 2030. Currently 397 MW of electricity and 177 MW of heat capacity is locally owned. A call for evidence ran from January to March 2018 to develop the evidence base on the benefits from distributed generation and delivery of the target.

17. Local Energy – Small Scale Renewables

Finance and delivery

Private sector, third sector and public sector led projects.

Additional information

One operation has been approved, committing £6.5m ERDF. Earlier in 2017 a 'Call' for proposals in the ERDF Small Scale Renewables Specific Objective, was conducted with significant interest generated. Nine operations were invited into 'business planning' and are currently in development, with the first commitments anticipated in the second quarter of 2018. These proposals will seek to deliver investment of up to £9m ERDF, delivering the relevant indicators and wider community benefits across a mix of technologies, including solar, PV, battery, hydro and geothermal.

18. Gas

Finance and delivery

Private sector led projects.

Additional information

A number of nationally significant infrastructure projects are being considered by the Planning Inspectorate, totaling around 1.5GW. Should these schemes be granted development consent, they could cumulatively comprise investment of £1.5bn.

Network Rail

Project/Programme	Total scheme value (est.)
1. Great Western Main Line electrification to South Wales	£2.8bn (estimated cost to Cardiff)
2. Valley Lines Modernisation	TBC
3. Upgrade of Ebbw Vale Line	circa £50m – £80m
4. Wales Route renewal plans for Control Period 5 (2014-19)	circa £600m
5. Future renewal plans	TBC

1. Great Western Main Line electrification to South Wales

Additional information

Network Rail is delivering the electrification from London to Cardiff during Control Period 5 (2014-19).

2. Valley Lines Modernisation

Additional information

This is being developed with Transport for Wales as part of the South Wales Metro Scheme.

3. Upgrade of Ebbw Vale Line

Additional information

New line extension with new station at Ebbw Vale Town (completed 2015), ongoing frequency enhancement work to enable increase in train frequency. Proposals currently being considered.

4. Wales Route renewal plans for Control Period 5 (2014-19)

Additional information

Renewal of railway assets including signalling, track, structures and other assets. The single biggest scheme is the Cardiff Area Resignalling Scheme which was completed in early January 2017.

5. Future renewal plans

Additional information

These are being developed as part of the business planning process for Control Period 6 (2019-24) and Network Rail has consulted with stakeholders about priorities (consultation events in February, July and November 2017).

Glossary

AMRI	Advance Manufacturing Research Institute	NHS	National Health Service
BEIS	Business, Energy and Industrial Strategy	NRW	Natural Resources Wales
CCRCD	Cardiff Capital Region City Deal	O&M	Operations and Maintenance
CfD	Contract for Difference	OBC	Outline Business Case
DfT	Department for Transport	OFGEM	Office of Gas and Electricity Markets
DNO	Distribution Network Operator	OJEU	Official Journal of the European Union
EfW	Energy from Waste	PAG	Physical Adaptation Grant
EC	European Commission	PPA	Power Purchase Agreement
EOI	Expression of Interest	R&M	Repairs and Maintenance
ERDF	European Regional Development Fund	RIIO	Revenue = Incentive + Innovations + Outputs
EU	European Union	ROC	Renewables Obligation Certificate
EZ	Enterprise Zone	RSL	Registered Social Landlord
F4N	Fit 4 Nuclear	SHG	Social Housing Grant
FBC	Full Business Case	SOP	Strategic Outline Programme
FiT	Feed-in Tariff	STW	Sewage Treatment Works
HFG	Housing Finance Grant	TLP	Tidal Lagoon Power
HRA	Housing Revenue Account	UHB	University Health Board
HLF	Heritage Lottery Fund	UHW	University Hospital Wales
ITT	Invitation to Tender	VVP	Vibrant and Viable Places
LA	Local Authority	WEFO	Welsh European Funding Office
LSVT	Large Scale Voluntary Transfer	WG	Welsh Government
MIM	Mutual Investment Model	WHP	Welsh Housing Partnership
MRA	Major Repairs Allowance	WHQS	Welsh Housing Quality Standards

For further information please contact the Welsh Government Strategic Budgeting
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Mae'r ddogfen yma hefyd ar gael yn Gymraeg.
This document is also available in Welsh.