

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
<b>REDUCING ENERGY USE – Reducing the amount of energy that is used for buildings and street lighting</b>					
New council buildings will operate with net zero carbon emissions by 2025 or use carbon offsetting where this cannot be achieved	Head of Commercial Property Fleet & Facilities			The only new build currently being planned is the new secondary school in Abergavenny. The designers for King Henry are currently considering the technology and design solutions necessary to deliver a net zero building. Presentations have been made to the Project Board and Officer team and work remains on-going.	Progressing, but the design is not yet finalised.
Implement energy efficiency improvements across the existing council estate by 2022	Energy Officer	2022	Salix interest-free loans	Salix funding (interest free loans repaid from savings) has been awarded and Phase 1 of the Refit scheme has started. Phase 1 works to begin on site May-21. Majority of Energy Conservation Measures (solar PV, LED lighting, boiler upgrades etc) to be installed by Sep-21. Opportunities for Phase 2 and upscaling of maintenance works being considered for 2021/22.	Progressing as planned
Reduce CO2 emissions from our energy supply	Energy Officer	Electricity: 2020 Heat: 2030		Energy consumption in buildings has reduced as a result of Covid. All electricity supplies either on or moving to 100% green tariffs. New / additional solar PV installations to be delivered at 13 sites in 2021/22 under Re:fit Phase 1. Options to decarbonise heat (heat pumps, district heat, carbon offsetting) being investigated.	Progressing as planned
All bulbs within council owned buildings will be LED	Energy Officer		Salix interest-free loans	LED lighting upgrades to be delivered at 18 sites in 2021/22 under Re:fit Phase 1, including sports pitches and external lighting. Additional sites to be surveyed Q1 2021/22. LED lighting being specified as part of new build and maintenance programme works.	Progressing as planned
Use planning policy to insist on higher energy standards for new buildings	Head of Placemaking, Regeneration, Highways & Flooding		RLDP budget for policy writing, higher build costs to be met	The RLDP is progressing as per the revised Delivery Agreement timetable, following the receipt of updated projected population figures. Consultation on growth and spatial options has been completed and we will be reporting the Preferred Strategy to Council in June 2021 for endorsement to consult. The detailed policies referred to by this action will form part of the Deposit Plan, which is the following stage.	Progressing as planned, although some delay due to Covid19

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
			by developer		
All remaining street lighting will be converted to LED bulbs	Street Lighting Manager			To date we have converted 9651 lanterns to LED and have approximately 500 left to convert.	As planned
Reduce carbon emissions across all public service buildings in in the county in partnership with the Public Service Board	Community & Partnerships Manager		£5k NRW funding	JBA consulting have surveyed PSB partners to gauge potential for collaboration around assets, fleet and procurement.  A successful bid to Natural Resources Wales plus additional funding from NRW for Gwent has meant that we have delivered Carbon Literacy training in Feb/March 2021. In addition to the 56 MCC officers and members who have done the training, there were also 14 from Gwent Police, 29 from South Wales Fire, 5 from Aneurin Bevan University Health Board, 2 from GAVO, 5 from NRW and 2 from Melin Homes (although these officers work across Gwent, not necessarily just in Monmouthshire)	Progress beginning to be made
<b>USING RENEWABLE ENERGY – Speed up the move from fossil fuels to renewable energy</b>					
Build and operate two new solar farms – subject to national grid capacity	Energy Officer			Welsh Government Energy Service preparing grid application and developing outline design for one potential Local Development Plan (LDP) solar farm site to confirm viability and business case assumptions. Initial feasibility studies for two other potential sites to be reviewed and progressed if and when development / grid connection / business case opportunities can be confirmed.	Progressing as planned
Install photovoltaic canopies at council owned car parks to power electric vehicle charge points with renewable energy	Head of Commercial Property Fleet & Facilities			The County Hall scheme is now being progressed with the support of Welsh Government Energy Service. This will be used as a model that can be rolled out to other sites.  Planning applications submitted for 2 smaller solar photovoltaic car port schemes as part of Re:fit Phase 1 with a third being considered, all 3 for delivery 2021/22. (Electric Vehicle Charging Points to be delivered separately.)	Some progress
Require renewable energy on private sector developments	Head of Placemaking, Regeneration,		RLDP budget for policy	The RLDP is progressing as per the revised Delivery Agreement timetable, following the receipt of updated projected population figures. Consultation on growth and spatial options has been completed and we will	Progressing as planned, although

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
	Highways & Flooding		writing, higher build costs to be met by the developer	be reporting the Preferred Strategy to Council in June 2021 for endorsement to consult. The detailed policies referred to by this action will form part of the Deposit Plan, which is the following stage.	some delay due to Covid19
Identify areas for renewable generation in the new Local Development Plan	Head of Placemaking, Regeneration, Highways & Flooding		RLDP budget	The Carbon Trust are finalising their report and this will soon be available to inform decision making planning policies with the RLDP.	Progressing as planned, some delay due to Covid19
Develop a Whole System Smart Energy Plan as part of Cardiff Capital Region Approach			Cardiff Capital Region / Welsh Government	Cardiff Capital Region City Deal and Welsh Government have confirmed that they are developing a strategy and action plan to transform the way energy is generated, transported and utilised in South East Wales	Early steps of progress
Develop proposals for a district heating scheme	Rural Programmes Manager		RDP	The heat mapping exercise is now complete, with draft report <a href="#">here</a> Final report expected end of April 2021.	As planned

**MANAGING GREEN SPACES – To reduce energy use, to absorb carbon and be resilient**

Use our county farms as exemplars for sustainable agriculture.	Estates Development Manager			The Estates Development Team continue to assess the different opportunities for diversification of the agricultural portfolio. Areas of farm land have been promoted in Stage 1 of the LDP for this purpose, but there has been no further progress due to RLDP delays and additional constraints due to changes in planning over phosphate discharge.	Some progress
Use low carbon building technologies like green walls or roofs	Head of Placemaking, Regeneration, Highways & Flooding		Developers	Continued support within existing LDP and within the Council’s Green Infrastructure Supplementary Planning Guidance (SPG) to support low carbon technologies and manage green spaces appropriately. A working group is yet to be established due to other work pressures but it is still intended to do this, drawing on expertise from within the Community Climate Champions network.	Some progress

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
Ensure permeable materials and water storage is incorporated into new car parks	Head of Placemaking, Regeneration, Highways & Flooding		Developer	Sustainable Urban Drainage Schemes (SUDs) regulation fully in force and work is continuing to ensure that planning and colleagues in Highways and Flood Management continue to work collaboratively on development schemes. Robust planning policies within existing LDP and the latest regulations.	Complete – WG regulation in place
Eliminate the use of peat based compost by our grounds maintenance teams	Commercial & Operations Manager, Grounds & Cleansing			Our supplier of bedding material for our external contract does not use peat based compost. We continue to use non peat based composts	As planned
Expand pollinator friendly management work and reduce grass cutting frequency/extent where appropriate and safe	Commercial & Operations Manager, Grounds & Cleansing	ongoing	Funding for new cut collector secured	In 2020/21 all mowing was suspended until June due to Covid. When mowing started in June we left approximately quarter to 1 third of areas within our parks and open spaces uncut, in addition to the original 3 million metres squared already being managed more sustainably with less mowing. Teams have had Nature Isn't Neat training, and are delivering reduced mowing to public open spaces, with cuttings collected. We are promoting "No Mow May" and carbon emissions have reduced due to less mowing. We have worked with the Green Infrastructure team on WG funded grassland management, to manage for biodiversity, and bring back neglected grass land to a more sustainable and resilient form.  We have now stopped spraying Glyphosate on all of our open spaces. Our Chepstow Town Team are trialling other methods of weed removal in streets and pavements around Chepstow Town centre, eg hand removal, heat.	Much better than expected
Generate renewable energy from grass cuttings through anaerobic digestion	Green Infrastructure Strategy & Projects Officer	Complete feasibility by 2022	Awaiting funding confirmation	Still not able to continue with site visit to see anaerobic digestion equipment in action due to COVID. We are continually looking at possibility of other more local facilities, however no suitable premises to date	Delays due to Covid 19 and funding announcement still not made
Plant 10,000 new trees by 2022	Green Infrastructure Strategy & Projects Officer / Environment	By 2022	GGGP funding confirmation expected	Despite impact of Covid current estimates of around 7,000 trees planted and plans in progress to identify further 3000, however there remains a funding gap to achieve this and these figures do not take account of the impact of Ash Die Back and associated tree loss. We are also looking for suitable sites to start up tree nurseries, one potential location is our Mitchel Troy depot. It is anticipated that we will also be able to benefit from The Queen's Green Canopy, a tree planting initiative created to mark Her Majesty's Platinum Jubilee in 2022	Some progress and some remaining uncertainty over funding

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
	and Culture Manager MonLife		Q1 2021-22	<p>We are working with approximately 17 schools to provide them with a raised bed each and soil so they can plant tree seeds to be then regrown on sites when more mature. We are also identifying tree planting opportunities in settlements as part of the identification of GI corridors.</p> <p>Need to review the target beyond 2022 in the light of Ash Die Back etc.</p>	
Promote sustainable land management and agricultural practices, including nutrient/soil management and natural flood management	Environment and Culture Manager MonLife	2020/21	£80k Local Places for Nature funding, £65k Env Growth grant	<p>Progress in delivering existing Living Levels and Sustainable Management Schemes continues. The changes to grassland management through the purchase of the cut and collect machinery (and communications elements) will have a considerable impact in relation to our estate but it's still quite a limited impact in the county overall.</p> <p>Wider impact is potentially quite limited as progress on wider adoption of natural flood management (NFM) is stalled (although some development work underway). NRW's future stance on these issue is critical</p>	In progress / some uncertainty over wider and longer term partnership action
Maintain & enhance biodiversity & make ecosystems more resilient	Green Infrastructure Manager	20/21 and ongoing	£10k LNP project costs, £28k RGG, £15k Local Places for Nature, £20k Preparatory Grant	<p>Good progress on existing programmes around small scale pollinator projects, sustainable communities project, rivers, invasive non-native species, community nature spaces and educational delivery. A further £88k Local Places for Nature funding received for 21/22</p>	In progress
Plant more trees and increase area of woodland, improve and increase woodland management and retain existing woodland	Environment and Culture Manager MonLife	2020/21 and ongoing	GGGP funding confirmation expected Q1 2021-22	<p>No Welsh Government decision on Gwent Green Grid Partnership bid to support further tree planting yet;</p> <p>Tree Planting undertaken at Old Station Tintern during Autumn and winter 20/21 following diseased ash felling; Tree planting ; ongoing assessment of ash dieback impact and selective intervention where required on countryside access sites</p> <p>Need to review the tree planting target beyond 2022 in the light of Ash Die Back</p>	Some progress. Some remaining uncertainty over funding

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
Secure more green infrastructure through development	Green Infrastructure Manager	Ongoing		Ongoing working with Development Management – further refinement of guidance in relation to green infrastructure, open space and biodiversity under development	Ongoing
Promote and support local food growing	Food Development Officer		RDP /WG	Food Data Analysis project underway. Six months in and the system is being tweaked – data added which includes farms data, land, food poverty, food business and categories of use etc.  Food Land Action Group has been established. Terms of reference completed and forum for exchange of information has begun. Internal MCC group will move toward combined project development and update forum for relevant projects	As planned
Reduce food miles by work with local farmers to market local food	Food Development Officer			Initial meeting to discuss shared gardens scheme. Town Council Survey undertaken to gauge interest. This will now be taken forward through Our Monmouthshire. Town Council will offer information to the new growers forum.  Redefining Green Spaces – consultant in place for pilot project to look at options for redefining under-used areas such a park (Pilot project in Monmouth).  RDP project in place which focusses on building resources for farm enterprises, including regenerative farming projects.  Success in attaining Sustainable Food Network development grant, co-ordinated by “Our Food” not for profit organisation. The first meeting will be in May with lead stakeholders.	As planned

**WHAT WE BUY – Reducing carbon by thinking carefully about when and what we buy and whole life costs**

Eliminate single use plastics within the council	Sustainability Policy Officer	Ongoing	None (except c£60k period dignity grant	Period dignity grant again to be spent on eco-friendly and reusable products. Work underway with Sustainable You, Sustainable Me and Working Families project who are running workshops for residents to promote sustainable period products. Re-usable recycling bags only rolled out to around 3500 properties so far as original trial rounds were allowed to revert to single use at the start of covid. We aim to fully roll out the reusable bags in the autumn when we will cease to provide single use plastic bags, dependent on delivery of new vehicles.	Some delays of reusable recycling bag roll out due to Covid.
--	-------------------------------	---------	---	---	--

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
All tender document will contain criteria to address climate emergency commitments	Strategic Procurement Manager		Currently within existing officer time	<p>Contract Procedure Rules have been approved and came into operation on 1<sup>st</sup> April 2021. One of the central themes to the revamped rules is the importance of making sustainable procurement decisions that have a positive impact on the environment as well as the economy.</p> <p>Operationally, where practical carbon reduction measures continue to be a consideration as part of the award criteria of contracts.</p>	Complete
Incorporate climate and decarbonisation into strategic procurement collaborations	Strategic Procurement Manager		Currently within existing officer time	<p>Work has continued at pace with the completion of the Welsh Public Sector Social Value portal which has resulted in a set of social value indicators that are bespoke to Wales and align with the Well-Being of Future Generations Act themes.</p> <p>In parallel has been discussions with Cardiff City Council for the “discharge of procurement services for mutual benefit” which was approved in early April 2021. This means that more resource will be made available to ensure that climate change and decarbonisation are considerations in all outsourced tendering arrangements.</p>	Progressing as planned
Phase out fossil fuel investments from our pension fund	Deputy Chief Executive			<p>Greater Gwent Pension Fund Committee agreed to the recommendations to evolve an ACS Low Carbon Equity Tracker Fund. The proportion of the Gwent fund invested in fossil fuels has reduced from 9.10% to 2.35% since the Council’s 2018 commitment to divest from fossil fuels, with 21.7% of the fund now in the low carbon tracker.</p> <p>Further update was provided to the Greater Gwent Pension Fund Committee at its meeting of 7<sup>th</sup> December 2020 and which confirmed that the Wales Pension Partnership had established a Responsible Investment Sub-Group, with a broad and achievable remit. Cross-reference was to take place with the Greater Gwent Pension Fund’s own Responsible Investor Working Group (RIWG) to ensure that the Fund’s own objectives were reflected at WPP level.</p> <p>The meeting of the 8<sup>th</sup> March 2021 noted the momentum around Environmental, Social and Governance (ESG) issues were seen as unstoppable and required ongoing engagement with investment fund managers.</p>	Some progress. Progress governed by Greater Gwent (Torfaen) Pension Fund

**REDUCING WASTE – By encouraging people to reduce, re-use and recycle more**

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
Reduce waste and increase recycling in all public spaces including retail centres	Head of Neighbourhood Services			Chepstow Town Council and Town Team are looking to install a new recycling litter bin for on-the-go litter which they will service (our vehicles currently unable to segregate recyclable/non-recyclable litter) and will be a useful trial to assess level of contamination. A limited number of “on-the-go” recycling bins have been placed across the county but difficult to gauge whether successful with behaviours changed with travel restrictions. Increased litter from drive through venues prevalent across the county’s verges. WG consultation on litter and fly-tipping may help tackle some of these issues and the introduction of deposit return schemes and extended producer responsibility should have positive impact when implemented.	Early steps have begun
Support, promote and expand the Repair Cafes and Upcycle movement	Head of Neighbourhood Services			A successful Circular Economy bid for £626,000 was announced in Jan 2021. From this we are about to open a new re-use shop at Five Lanes, 4 Benthg Libraries of Things in Abergavenny, Caldicot, Chepstow and Monmouth, with associated Repair Cafes and other repair and reuse projects.	Rapid progress from Jan-March 2021
Roll out re-use shops at Household Waste sites, and use revenue to fund tree planting	Head of Neighbourhood Services			October 2020 Llanfoist celebrated its anniversary, with pots and tree seeds given away. A successful Circular Economy bid means that we will open a new re-use shop at Five Lanes, Caerwent soon. 4 Benthg Libraries of Things in Abergavenny, Caldicot, Chepstow and Monmouth, with associated Repair Cafes and other repair and reuse projects.	Rapid progress from Jan-March 2021
Increase ‘reduce, re-use and recycling’ across the county	Head of Neighbourhood Services			Recycling % has increased again this year and currently projected to be above 66%. This has been helped with the increased recycling at the HWRCs and increased numbers of residents using the kerbside collection system recycling rather than black bagging waste through the HWRCs.	Some progress
Build a new high quality recycling facility in central Monmouthshire	Head of Neighbourhood Services			Costings and drawings for an improved facility in Monmouth were carried out post-covid and funding was due to be applied for. The booking-in system brought in to manage safety on site during lockdown has been very successful in reducing traffic on site and CO2 journeys, increasing recycling by making people think more about the waste they produce. The 3 remaining sites in Llanfoist, Five Lanes and Mitchel Troy provide strategic coverage and the resident permit coupled with the booking system has almost eliminated cross border waste traffic. This Action will be put on hold while the long terms impacts of Covid on waste behaviour are assessed.	On hold
Require all households to recycle	Head of Neighbourhood Services			National campaigns like “Be Mighty” have been launched during the pandemic but are likely to have had less impact with news focussed on Covid and lockdowns. The travel restrictions and stay at home messages have increased kerbside take up and recycling and reduced black bag waste into HWRCs.	Some progress



Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
Reduce food waste in schools	Catering Manager			Primary Schools are now back in full time but most children are eating in the classrooms. We are not able to visit schools to monitor due to Covid restrictions.  To be revisited in September 2021	Delayed due to school closures.
Make all of our buildings water refill stations	Sustainability Policy Officer	Ongoing	None	Refill stations will be considered as part of leisure centre site investments at Abergavenny, Caldicot and Chepstow.	
<b>WALKING AND CYCLING – Encouraging and making it easier for people to walk and cycle rather than drive</b>					
Develop schemes that will increase walking and cycling to school	Road Safety Officer / Active Travel Officer		Active travel = £90,000	Excellent progress on Active Travel in a difficult year. Progress made in all areas of the grant. Notice just received of grant next year which means an additional three routes can be investigated	Progressing as planned on Active Travel routes.
				Green cone 'school street' scheme currently in operation within two schools, to make area immediately outside school site safer.	Some progress on cycle, scooter training due to virtual training
				Road safety training has been delivered to schools virtually, which has worked well. Notice just received of grant next year which builds on this and includes new initiatives such as 'scoot to school'.	
Introduce no idling near schools, and other appropriate locations	Group Engineer – Highways & Flood Management			The 're-opening towns' projects have sought to make our High Streets safer during the pandemic, allowing for social distancing. Trial measures have improved pedestrian and cycle friendly elements of our main towns and provide a starting point for discussing longer term measures.  Anti-idling video was launched in September 2020 <a href="https://www.youtube.com/watch?v=KlbGQFCtrpQ">https://www.youtube.com/watch?v=KlbGQFCtrpQ</a> with press releases and social media campaign. Poster competition relaunched with schools and each school has been sent an anti-idling toolkit to use. Winning designs will be made into metal signs and put up round borough with additional publicity. School closures from December to March means that we haven't yet had the signs manufactured and put up at schools and other locations. We aim to do this during April/May 2021, and will organise publicity alongside the signs going up.	Progress impacted by Covid19

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
Fit bike carriers to buses to encourage cycling	Fleet Manager - Operations			No progress – bus layout is incompatible with bike carriers.	No progress due to vehicle layout
Improve and expand our cycle and footpath network.	Chief Operating Officer, MonLife			<p>The plan that has developed is to ensure that maps for Active Travel are updated to ensure they form a firm foundation for a wider approach to cycling and walking and help link up the leisure network. Excellent progress was made on all AT schemes in very short period of time.</p> <p>The Council has just had notice that the Active Travel submission for 2021/22 was successful in all but one scheme. It did not achieve all the funding required for one scheme in Caldicot and this is to be discussed with Welsh Government. This means an additional three new routes have the funding to be investigated.</p> <p>Cycling and walking for leisure purposes will require additional funding. However active travel will help link these agendas and opportunities are being explored for further funding</p>	Good progress being made
Develop e-bike and cycle hire schemes beginning in town centres	Rural Programmes Manager or Active Travel Officer		£20k Covid funding	<p>Considerable progress this quarter. A number of e-bikes purchased via Active Travel and allocated to a local club to trial in Caldicot and two bikes allocated to a charity in Chepstow in relation to the Library of Things to loan out (the Benthg project )</p> <p>Due to Covid the bikes could not be loaned out as planned currently and a greater level of monitoring is required in the new financial year.</p> <p>A total of four electric Cargo Bikes are also being purchased for loan via the Libraries of Things.</p>	Progressing as planned after initial Covid delays
Maximise opportunities for active travel, ensuring routes are safe and convenient	Chief Operating Officer, MonLife		Circa £1.5m for numerous schemes	<p>Excellent progress was made on all Active Travel schemes in very short period of time.</p> <p>The local authority has just had notice that the Active Travel submission for 2021/22 was successful in all but one scheme. It did not achieve all the funding required for one scheme in Caldicot and this is to be discussed with WG. This means an additional 3 new routes have the funding to be investigated.</p>	Progressing as planned
Reduce business miles travelled by staff 25% by 2023	Chief Officer Enterprise			Officers have developed proposals on the need and future use for office space called ‘Changing Spaces’. The expectation is that the “new normal” post-Covid will see a reduction in travel by office staff working more significantly from home on a continued basis. Whilst not captured as business miles there will be a reduction in personal miles travelled by staff that otherwise would have been incurred travelling to and	Some progress

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
through use of technology				<p>from work. The Changing Spaces project is currently considering potential office design and a hybrid working model for those who are able to utilise this model.</p> <p>Business mileage reduced by 45% last year from nearly 1.7 million to just over 900,000 saving over 150,000 kg of CO2. In terms of reduction in business miles and beyond those naturally caused by the restrictions in place during the pandemic work we will continue to explore options that enable staff to be able to work from locations that are closer to their home and where practicable.</p> <p>Work will continue to look at service design options that enable services to be delivered remotely and without it being at the detriment of the service delivered. Examples of this include the use of assistive and medical technology in a social care setting.</p> <p>Discussions and proposals are being discussed around the development of co-working and remote working spaces in our towns and with other Gwent PSB partners.</p> <p>The Cycle to Work Scheme is run annually for staff to purchase bikes through a salary sacrifice scheme.</p>	
Introduce cycling mileage rates for staff to incentivise active travel over car journeys	Deputy Chief Executive			A review of the mileage expenses policy will now be undertaken during 2021 and in readiness for implementation for 2022/23.	Work on hold due to Covid19
<b>GREENER VEHICLES – Reducing the impact of vehicle use and encouraging use of electric and hydrogen vehicles</b>					
Install EV charging points at all larger council buildings	Head of Commercial Property Fleet & Facilities		OLEV grant possible for some workplace EV CPs	A number of points have been installed at various venues, including EV chargers at two schools. Grant funding has been awarded to develop an EV charging strategy and work will commence on this from April 21.	Progressing as planned, some delay due to Covid19
Transition the council’s transport fleet to hybrid,	Fleet Manager		Budget for vehicles sits with	A survey has looked at Electric Vehicle Charging capacity at our existing depot sites which showed that we have limited capacity for charging of vehicles. We are in the process of installing EV points for the operational vehicles in the following locations – The One Planet Centre Llanfoist, Troy Depot, Caldicot	Some progress

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
electric and hydrogen vehicles as these become available			service managers	<p>Waste Depot and Raglan Depot. We have installed EV points in Kymin View and Deri view School, these are for the two new schools catering vehicles, but they are also available to the anyone visiting the school.</p> <p>Vehicles – we have taken delivery of 7 fully electric vehicles for the following sections –            2 x Electric vans for School’s catering, based at Kymin View &amp; Deri View School.            3 x Electric vans for Waste Wardens.            1 x Electric van for AONB section            1 x Electric pool car for Waste.</p> <p>We have on order –            1 x fully electric 17-seater low floor wheelchair accessible minibus for the PTU section.            2 x fully electric pedestrian sweepers</p> <p>We have 6 No. Hybrid cars in operation. These are with Social services, Planning and Property services.</p> <p>We currently have no hydrogen refuelling stations within Monmouthshire, so currently not practical to trial or operate hydrogen vehicles.</p>	
Encourage the use of electric or hybrid taxis	Passenger Transport unit Manager / Principal Licensing Manager		Cardiff Capital Region funding	<p>We have been working with the Regional transport authority on charging points for taxis and through CCR funding we will be piloting the use of 2 Electric taxis, with a charging point in the Abergavenny bus station for the electric taxis.</p> <p>Waiting on Cardiff Capital Region on details of how the electric taxi pilot will be managed.</p>	Some progress
Launch the Riversimple hydrogen car pilot in Abergavenny	Roger Hoggins			<p>Several meetings have taken place over the last 3 months with Riversimple.</p> <p>We are aiming for May 2021 for the trials to take place with Riversimple, our registrars' section will be assisting with the first trials. We will then aim to trial the vehicle in other sections.</p>	Some progress, delays due to Covid
Develop a business case to move to a Council electric bus fleet	Fleet Manager			<p>We are currently unable to convert the Council’s bus fleet due to the lack of energy capacity at the depots. A project has been commenced to identify alternative premises for the south of the county which would enable the installation of EV charging. EV charging points are being installed at Raglan as part of the taxi scheme that will be available for smaller vehicles.</p>	Progress limited due to grid capacity

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
				A fully electric 17 seater low floor wheelchair accessible minibus has been ordered which will be used on the Grass Routes Service, but we also hope to trial the vehicle on several school runs, which will assist us understand the vehicles range, to enable us to make informed decision for the future.	
Encourage service buses and contract buses to move to electric				We are watching with interest the Newport electric bus pilot and other case studies, and on the basis of this research we will incorporate appropriate clauses in tender documentation when contracts come up for renewal to green the fleet and encourage the move to electric vehicles	No progress yet – too early
Introduce a green travel plan for staff and councillor travel	Transport Projects & Programmes Manager			Green Travel Plan measures are being considered as part of the “Changing Spaces” project looking at when and where staff work.  MCC have signed the Gwent Healthy Travel Charter which commits us to reduce staff travel and use more sustainable modes of transport.	Some progress
Develop proposals for EV charging in street lights and new housing developments	Head of Placemaking, Regeneration, Highways & Flooding		Developer/MCC/grant funding	The RLDP is progressing as per the revised Delivery Agreement timetable, following the receipt of updated projected population figures. We will be reporting the Preferred Strategy to Council in June 2021 for endorsement to consult. The detailed policies referred to by this action will form part of the Deposit Plan, which is the following stage. RLDP progress is as outline above.  Welsh Government grant funding has been secured to develop an EV charging strategy for the county, looking at our car parks, on-street charging, our Council sites and our own fleet. Work will commence on this in April '21	Some progress
Provide free car parking in MCC owned car parks for electric and hydrogen vehicles until 2025	Head of Placemaking, Regeneration, Highways & Flooding			This proposal has challenges for enforceability, desirability and budgets. ULEV vehicles are not always easily recognisable, so enforcement would be difficult. Arguably this proposal will do little to encourage people to buy ULEVs but will encourage those who own one to drive to town, rather than walk, cycle or use public transport. As uptake of ULEVs increases, car park income will reduce having a significant impact on highway improvement budgets.	To be removed from action plan
Increase the mileage rates payable for staff who use electric vehicles relative to petrol and diesel cars	Deputy Chief Executive			A review of the mileage expenses policy will now be undertaken during 2021 and in readiness for implementation for 2022/23. There will need to be consideration to ensure that there is a satisfactory EV charging infrastructure in place to support an update and promotion in the use of electric vehicles.	Work on hold due to Covid19

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
<b>PUBLIC TRANSPORT – Encouraging people to use public transport rather than cars</b>					
Encourage modal shift through the South Wales Metro	Transport Projects & Programmes Manager			Upgrade of Severn Tunnel Junction with park & ride expansion has faced delays for a number of reasons including Covid. Car park extension & improvement of active travel access across the Station Rd / Station Approach junction should happen in 21/22.  Several funding bids prepared and submitted	Delayed due to Covid
Continue to make the case to national governments for improved train frequencies and station provision	Transport Projects & Programmes Manager			Case made to South East Wales Transport Commission and agreed in principle by Welsh Government, issue to be reviewed in Chepstow Transport Study and Tfw Metro Enhancement Framework Newport-Chepstow Corridor Study.  The Burns Commission report makes helpful recommendations about how to deliver this, which will report at the end of 21/22	Amber – case continues to be made but with limited results
Develop a ‘Rural Uber’ scheme linked to train stations	Rural Programmes Manager		RDP	The length of the software development cycle will prevent LEADER being involved, however we will look towards the £6.5m rural transport fund that is being set up by the RDP under Welsh Government as a means to develop this project further	Delayed due to Covid19
Trial digital solutions for next generation transport schemes that make better use of existing transport capacity	Head of Policy Performance and Scrutiny	Sept 2021		We are planning for beta testing to take place in Monmouthshire on: i) Public Transport Planner, ii) automated systems for community car share and Grass Routes, and iii) Tag-Along – A secure lift share scheme for residents. However, testing has been delayed due to the social distancing and stay local restrictions in place. We have been able to secure additional funding for the project from UK Government.	Progress slowed due to Covid
<b>EDUCATION AND INVOLVEMENT – Helping people understand climate change and what they can do to make a difference</b>					
Make energy data available to schools and encourage pupils to get involved in	Energy Officer	Sep-20 (initial)	Existing officer resource structure	Set up automated import of half-hourly energy data (where available) into central TEAM software. Users and permissions setup for simplified web browser access to TEAM software.	Delayed due to school closures

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Action	Officer Responsible	Timescale (month & year)	Funding	Progress during 2020/21	Progress (red, amber, green, see below)
managing energy consumption		Ongoing development.	/software licenses.	Rolled out to small number of users for initial feedback, but the roll out to all schools has been delayed due to other workloads and school closures.	
Use the One Planet Centre as a focus for climate change education	Head of Neighbourhood Services			Use of the One Planet Centre has been limited due to Covid restrictions. Once open, we have been using the re-use shops as the focus for climate change education and linking profits from the shops into climate change with tree planting "O Fes Bach" "From small acorns" (approximately 7000 trees planted so far in conjunction with grounds and countryside on mostly council owned space). Encouraging residents to grow a garden tree could achieve over 30,000 trees being planted, improving the urban tree canopy, improving air quality and biodiversity in the main towns, this will be the focus of O Fes Bach in 21/22.	Progress limited due to Covid restrictions
Start local growing and cooking schemes in schools	Food Development Officer		RDP	Gilwern and cluster schools project - This has been delayed somewhat by Covid 19 but the schools have now returned and we are re-assessing the project.	Delayed due to Covid 19
Work with community groups to develop an Internet of Things sensor network to inform decisions and educate local communities	Rural Programmes Manager		RDP	Funding has been secured for a Halls Together project where the 80 Monmouthshire halls/community centres will share and collaborate in many ideas, but in particular climate change and what they can do to mitigate its effects. Covid has prevented much progress, however two officers have been allocated to the Halls Together project.	Some progress
Introduce carbon literacy training for all council staff	Sustainability Policy Officer	First phase complete by March 2021	£6600 funding from NRW to PSB, plus NRW funding to Gwent	A successful bid to NRW plus additional funding from NRW for Gwent has meant that we have delivered Carbon Literacy training in Feb/March 2021 targeted to different audiences. In total 56 MCC people have done the training (32 catalysts (incl. 4 community reps), 14 catalysts, 5 leaders and 5 elected members). An evaluation is about to be sent out to participants, and more would like to take part if funding is available for 2021/22.	Progressing as planned
Change the council's default internet search engine to Ecosia which plants a tree for every search made	Digital Design & Information Manager		No cost	Since 2019, the Council's default search engine has been Ecosia, so this action can be removed from the subsequent refreshed action plan.	Complete

Red = not progressing as planned, Amber = some progress, Green = progressing as planned

Red = not progressing as planned, Amber = some progress, Green = progressing as planned