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SUPPLEMENTARY PAPERS

Committee	ENVIRONMENTAL SCRUTINY COMMITTEE
Date and Time of Meeting	THURSDAY, 13 JANUARY 2022, 4.30 PM
Venue	REMOTE VIA MS TEAMS
Membership	Councillor Patel (Chair) Councillors Derbyshire, Owen Jones, Lancaster, Jackie Parry, Parkhill, Owen, Sandrey and Wong

The following papers were marked 'to follow' on the agenda circulated previously

4. Item 4 Appendix 3

Davina Fiore
Director Governance & Legal Services
Date: Friday, 7 January 2022
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ACTION PLAN UPDATE – JANUARY 2022

RESPONSE TO RECOMMENDATIONS OF ENVIRONMENTAL SCRUTINY COMMITTEE - MANAGING BIODIVERSITY & NATURAL ENVIRONMENT IN CARDIFF

Ref (page)	Recommendation	Response	UPDATE	Responsible Officer/s	Lead Cabinet Member/s
1 (18)	<p>Recommendation 1 – Declare Biodiversity & Climate Change Emergency</p> <p>Many of the actions linked to the cause of climate change relate directly to habitat and biodiversity loss, therefore, protecting, supporting and enhancing biodiversity will help in addressing climate change. Organisations like Natural Resources Wales have declared joint climate change and biodiversity emergencies, therefore, the task group recommends that the Council declares a biodiversity emergency to sit alongside the climate change emergency. When declaring the joint emergency, the Council should publish a list of actions that it proposes to take to deliver the aims of the joint declaration.</p>	<p>The recommendation is partially accepted.</p> <p>One Planet Cardiff Launched October 2020.</p> <p>The climate emergency and biodiversity crisis are inextricably linked, and many other cities and organisations have declared climate and biodiversity emergency/crises. Climate change is just one of the pressures facing our ecosystems, and there are others such as habitat loss and fragmentation, invasive non-native species, and pollution. These latter factors are not captured by the declaration of a climate emergency, so it is considered necessary to differentiate between these two areas of threat to our environment.</p>	<p>Cabinet Report of 14/10/21 Recommended the Council sign the Edinburgh Declaration.</p> <p>A statement of intent, known as The Edinburgh Declaration, has been agreed between subnational, regional and local governments across the world calling on the Convention on Biodiversity to take bold action to halt biodiversity loss. It also calls for greater prominence to be given to the role subnational governments, cities and local authorities play in delivering a new global framework of targets, set to be agreed next year.</p> <p>Welsh Government are encouraging Local Authorities to sign the declaration. Cardiff approved its Biodiversity and Resilience of Ecosystems Duty (BRED) Forward Plan in September 2019 which sets out the City’s approach to Biodiversity and Green Infrastructure alongside other policy documents such as the Local Development Plan and a comprehensive Green Infrastructure Supplementary Planning Guidance Document. The approved BRED</p>	TBC	TBC

			<p>Forward Plan is scheduled to be reviewed and updated in 2022.</p> <p>The Council, by agreeing to sign the declaration, would signal a positive step in achieving our One Planet Vision by recognising the importance of our natural environment and the contribution of green infrastructure to mitigate and minimise the potential impacts of Climate Change.</p>		
2 (24)	<p>Recommendation 2 - Additional Ecologist / Section 6 Officer</p> <p>The Council needs to employ an additional Ecologist or Section 6 Officer. He or she should work across all service areas to ensure that the Council is doing what is needed to meet the requirements of the Section 6 Duty of the Environment Act Wales. This would support the work of the current Ecologist who spends the majority of his time dealing with planning related work. Tasks to be covered by this post should include:</p> <ul style="list-style-type: none"> To co-ordinate, support and promote a range of environmental projects across Cardiff being delivered to meet the requirements of the Section 6 Duty. 	<p>The recommendation is partially accepted.</p> <p>A temporary part-time Local Nature Partnership Officer has recently been appointed, however this role does not directly contribute to Cardiff Council's Section 6 duty under the Environment Act, nor to the role of the Planning Ecologist. Therefore, the promotion and implementation of the S6 duty is dependent upon the availability and capacity of existing staff resources across the Council.</p>	<p>See also Recommendations 6 and 7(j) below.</p> <p>The Planning Service is seeking to recruit a new ecologist. The closing date for applications is mid January 2022. This role will support the Section 6 duty and the review of the BRED Forward Plan in 2022.</p> <p>Discussions are ongoing between the Head of Planning and the Head of Parks Service regarding resources and working arrangements to support Green Infrastructure and this will be progressed in 2022.</p>	Jon Maidment and Simon Gilbert	Peter Bradbury and Caro Wild

	<ul style="list-style-type: none"> To provide support for volunteer groups that are engaged in work that relates to the Section 6 Duty of the Environment Act Wales. Liaison with partner organisations and other third-party groups that are working with or supporting the Council to deliver projects that relate to the Section 6 Duty of the Environment Act Wales 				
3 (25)	<p>Recommendation 3 - Cardiff Ranger Team Apprentice</p> <p>The Council should employ, train and develop an apprentice to work with the Cardiff Ranger Service. Given the current age profile of the Cardiff Ranger Service, the post would help preserve the extensive knowledge and experience of the team within the Council. The length and structure of the apprenticeship scheme should reflect the amount of knowledge and skill that the apprentice would need to become a fully trained member of staff.</p>	<p>The recommendation is accepted.</p> <p>The Council recognises the importance and value that apprenticeships and traineeships bring. A Trainee Community Ranger post has been created over a three-year term linked to day release study and the award of the a Higher National Certificate in Environmental Conservation Management. The opportunity will be advertised in the spring of 2021.</p>	<p>A Trainee Community Park Ranger Scheme / post has been created and appointment made. The scheme will run over a three-year fixed term with a one-year extension option with the postholder studying at Pencoed College, on a day release basis leading to the award of the Higher National Diploma in Countryside Management.</p>	Jon Maidment	Peter Bradbury
4 (25)	<p>Recommendation 4 - Biological Engineering – River Rhymney</p> <p>Where possible, the Council should use the biological</p>	<p>The recommendation is accepted.</p> <p>The Council supports the principle of implementation of biological engineering techniques within the</p>	<p>River Rhymney /Coastal defence scheme Full Business Case (FBC) – Nearing completion. Approximate cost of £1.1</p>	Gary Brown/Simon Dooley	Michael Michael

	<p>engineering techniques similar to those applied on the banks of the River Usk when undertaking remediation work on sections of the River Rhymney as a part of the new flood defence scheme. Taking this approach would provide biodiversity and reduced carbon footprint benefits when compared against hard engineering alternatives.</p>	<p>River Rhymney, where engineering design permits. The use of harder engineering proposals cannot be discounted due to the high erosion rates associated with the River. The approved design will be determined based on engineering requirements, environmental setting, longevity of the proposals and cost.</p>	<p>Million with 100% funding from Welsh Government.</p> <p>Construction – Should the FBC be accepted by Welsh Government and internal funding be confirmed, construction would look to commence Mid 2022 and complete by October 2025 – Estimated £24 million (85% Welsh Gov funding)</p> <p>Planning permission and Marine Licence applications have been submitted and discussion with the relevant authorities ongoing.</p> <p>This project (subject to FBC completion and extensive consultation with stakeholders) is anticipated to lower the flood risk to approximately 2326 homes and 204 non-residential properties.</p> <p>Green infrastructure that improves biodiversity along this stretch of marine and estuarine environment will be utilised within the scheme. However, although green infrastructure techniques have been investigated for all areas, due to the tidal, marine and fluvial influences, some hard engineering techniques also need to be included.</p>		
<p>5 (25)</p>	<p>Recommendation 5 - Herbicides & Pesticides - Glyphosate</p>	<p>The recommendation is partially accepted.</p>	<p>FRM monies were allocated to conduct a street-based trial for the 2021 season, using two alternative products and within the Riverside and Pontprennau & Old St.</p>	<p>Mark Tozer</p>	<p>Peter Bradbury</p>

	<p>Where practically possible, the Council should limit the use of pesticides such as glyphosate across its estate. Local authorities such as the Vale of Glamorgan have managed to become herbicide free in a number of parks by using alternative weed control and management practices. The Council should look to learn from this and publish details of how, where and why herbicides and pesticides will be applied across the Council estate.</p>	<p>The Council implements a range of cultural and biological methods of control methods across its estate as an alternative to the use of pesticides. Where there are no economically viable alternatives, the use of pesticides is limited to those approved by the regulatory bodies for use in the public realm.</p> <p>The benefits of alternative products will be further explored, including the potential for an initial and affordable financial outlay to support a small pilot. Findings will inform more detailed exploration of options and their potential costs.</p>	<p>Mellons wards. A separate presentation provides headlines findings of the trial.</p> <p>The weed control data relating to the 2021 season is with Communities and Customer Services Department for publishing on the Council's website.</p>		
6 (26)	<p>Recommendation 6 – Volunteer Support</p> <p>The Council does a good job in providing support to volunteer groups who carry out lots of work to help enhance Cardiff's natural environment; this is evidenced by the 16,278 volunteer hours that were supported by the Cardiff Ranger Service in 2018/19. However, Members feel that if more resource were invested into volunteering then volunteer contributions would be even greater. On this basis, task group recommends that the Council should invest additional</p>	<p>The recommendation is partially accepted.</p> <p>The Council fully recognises the value provided by and benefits derived from Friends of, other stakeholder groups and individual volunteers. The Park Ranger Service currently supports a wide range of groups who make a positive contribution to the Section 6 Duty of the Environment Act and wider environmental, social, and health agendas. Similarly, the Council continues to be active in pursuit of grant funding and will continue to seek opportunities for such.</p>	<p>The Council allocated permanent growth in the base budget of £112k in 2021/22, resulting in an increase of 4fte across the Urban Park Ranger service this added some capacity to support urban parks groups.</p> <p>The Coed Caerdydd Project has also resulted in further officer resource to support volunteer activity relating to tree planting and maintenance / aftercare and whereby grant funding has enabled the appointment of a Volunteer Co-ordinator on a fixed term contract up until July 2023.</p> <p>A report titled Community Engagement & Safety In Parks will be received at the Cabinet meeting on 14th January 2022. The report responds to a motion passed at the Council meeting on 21st October 2021 and which called on the Council to continue to</p>	Jon Maidment	Peter Bradbury

	resources to encourage, recognise and expand support from volunteer groups for work that relates to the Section 6 Duty of the Environment Act Wales. Specifically, they believe that this resource would be maximised if it focused on volunteer co-ordination and in applying for grant funding.	Any investment in additional resource will need to be secured through the Councils' budgetary framework.	look at ways during the budget process to increase funding in park safety and support staff and Friends Groups going forward.		
7a (38)	Recommendation 7 (a) – The Council should build a biodiversity wellbeing commitment into Capital Ambition, alongside the other well-being objectives. This would ensure that biodiversity becomes a corporate responsibility and policy objective.	<p>The recommendation is partially accepted.</p> <p>The Council's Corporate Plan, Delivering Capital Ambition, contains 7 wellbeing objectives, which are required in statute under the Wellbeing of Future Generations Act. These are reviewed each year as part of the Council's corporate planning process.</p> <p>In preparing the Corporate Plan 2021-23 the Council will ensure that its commitment to biodiversity is properly reflected in the existing 'Cardiff Grows in a Resilient Way' wellbeing objective.</p>	<p>Cardiff Corporate Plan 2021 to 2024 identifies delivering a green recovery for Cardiff as a priority.</p> <p>Within the "Cardiff Grows in a Resilient Way" Wellbeing Objective there is a commitment to:</p> <p>Deliver the Council's Green Infrastructure Plan, including:</p> <ul style="list-style-type: none"> • <i>Updating the Biodiversity and Resilience of Ecosystems Duty (BRED) Forward Plan to respond to the One Planet objectives and Action Plan;</i> • <i>Ensuring the upcoming Replacement LDP process fully addresses green infrastructure matters and includes engagement upon potential policy approaches</i> 	Simon Gilbert	Caro Wild
7b (38)	Recommendation 7 (b) - Ask the Cardiff Partnership Board adopt a biodiversity well-being	The recommendation is partially accepted.	Work ongoing with PSB Partners	TBC	TBC

	<p>objective into its Well-Being Plan. This would help provide consistency in approach for all of Cardiff's public sector organisations who are, by definition, subject to the new responsibilities created by Section 6 of the Environment (Wales) Act 2016.</p>	<p>Under the WBFG Act 2015, the Cardiff Public Services Board has a duty to make a well-being assessment and produce a Local Well-being Plan. This Well-being Plan must include objectives, which are designed to maximise the PSB's contribution to the seven Well-being Goals. The present 2018-2023 Cardiff Well-being Plan does not make specific reference to the biodiverse natural environment and healthy functioning ecosystems which are at the heart of the 'A Resilient Wales' Goal. In preparation of subsequent editions of the Local Well-being Plan, we will ask the PSB to more closely reflect the intention of the 'A Resilient Wales' goal.</p>			
<p>7c (38)</p>	<p>Recommendation 7 (c) - Build biodiversity and climate change into the Council's decision-making process so that it is considered when all decisions are taken. This should include a Well Being, Climate Change, Biodiversity & Natural Environment Implications section in all Council, Cabinet and Committee reports / papers.</p>	<p>The recommendation is partially accepted.</p> <p>The Biodiversity and Resilience of Ecosystems Duty (BRED) Forward Plan for Cardiff was approved by Cabinet in September 2019.</p> <p>This establishes the Council's wider duties for Green Infrastructure when considering biodiversity in decision making.</p> <p>In addition, we are seeking to review reporting arrangements as</p>	<p>Work ongoing to further embed Climate resilience within reports and decision making as part of One Planet Cardiff.</p>	<p>TBC</p>	<p>TBC</p>

		part of the One Planet Cardiff consultation.			
7d (38)	Recommendation 7 (d) - Build responsibility for biodiversity into the key Council business planning documents, for example, Directorate Delivery Plan and Personal Review Documents. This should place biodiversity on a similar footing to Equalities and the Welsh language.	<p>The recommendation is partially accepted.</p> <p>The proposal to include consideration of biodiversity in the PPDR process is not supported, as there are other means of raising awareness among staff of the biodiversity duty.</p> <p>We are reviewing how Biodiversity can be further embedded into Directory Delivery Plans</p>	Work ongoing across Directorates	TBC	TBC
7e (38)	Recommendation 7 (e) - Ensure the Green Infrastructure Plan (including the Biodiversity Forward Plan) links into the new well-being biodiversity objective, and other relevant cross organisational policies at a strategic level, for example, the Local Well-being Plan and Area Statements.	<p>The recommendation is partially accepted.</p> <p>See 7(a) above</p> <p>This has partly been achieved as the former draft Green Infrastructure Plan has been co-opted to form the Biodiversity and Resilience of Ecosystems Duty Forward Plan, which has been approved. Other strategic policies should refer to and inform future versions of the BRED Forward Plan.</p>	<p>As before, requirement to review Sn 6 BRED by end of 2022.</p> <p>See update to Recommendation 7A above</p>	Simon Gilbert	Caro Wild
7f (39)	Recommendation 7 (f) - Appoint a dedicated biodiversity and climate change champion to	The recommendation is not accepted.	As before	Simon Gilbert	Caro Wild

	<p>represent the Council. The task group felt that the title should be clear enough for the public to instantly understand the purpose of the role, for example, the 'Champion for Nature' was suggested. The task group felt that the champion should: i) become the Council spokesperson for biodiversity and climate change announcements; ii) act as Chair for a re-established Cardiff Biodiversity Partnership; iii) have sufficient status within the Council to ensure that he or she has regular access to the Cabinet and Senior Management; iv) have the support and responsibility to deliver an annual biodiversity and climate change report to Cabinet or Full Council setting out the progress achieved during the year against a set of agreed targets.</p>	<p>The Climate Emergency declaration and duties under Section 6 require a Council-wide approach to tackling Climate Change and promoting the Biodiversity and Resilience of Ecosystems.</p> <p>This is fundamental to the One Planet Cardiff Vision, which was launched in October 2020.</p>			
<p>7g (39)</p>	<p>Recommendation 7 (g) - The Council's biodiversity and climate change responsibilities should be built into one Cabinet portfolio to ensure clear lines of responsibility and accountability. The range of responsibilities are currently split across three Cabinet portfolios; Members felt that this division of responsibility</p>	<p>This recommendation is not accepted – see 7f(39) above</p>	<p>As above, Leader responsible for One Planet and associated Action Plan.</p>	<p>Simon Gilbert</p>	<p>Caro Wild</p>

	created a barrier in terms of accountability and delivery.				
7h (39)	Recommendation 7 (h) - Develop a clear and enthusiastic vision for maintaining and enhancing biodiversity to ensure a consistent 'buy-in' from each service. Once established this should be circulated across the Council and if possible, to all of the other partners on the Cardiff Partnership Board.	<p>The recommendation is accepted</p> <p>This is fundamental to the One Planet Cardiff Vision, which was launched in October 2020. The delivery of the vision requires collaboration across Council Service Areas and working with delivery partners.</p>	As before and above	Simon Gilbert	Caro Wild
7i (39)	Recommendation 7 (i) - The Council should identify and create a series of biodiversity and natural environment performance indicators that would sit alongside the Biodiversity Forward Plan and feature in the Council's Performance Reporting. The indicators should be meaningful and directly relate to the positive outputs that support biodiversity in the city and should be included in an annual biodiversity and climate change report.	<p>The recommendation is accepted but effective delivery dependent upon additional resources.</p> <p>Current monitoring which is proposed or ongoing includes:-</p> <ul style="list-style-type: none"> • i-tree repeat 10 years (requires additional resources) • ecosystem services mapping every 5 years (requires additional resources) • State of Natural Resources Report, published every 3 years by NRW • Land use classification annual quantitative reports (within existing resources) • LDP annual monitoring of Biodiversity Policies (Within existing resources) 	As before	Simon Gilbert	Caro Wild

		<ul style="list-style-type: none"> A new “Evidence Base” will be created for the review of the Local Development Plan which will inform new policies and the Integrated Sustainability Appraisal (ISA) 			
7j (40)	<p>Recommendation 7 (j) - Identify funding for a dedicated officer to support the reincarnation of the Cardiff Biodiversity Partnership. This post could either be held within the Council or delivered by one of its partners. Tasks would include arranging meetings, collating information, producing reports and reporting on performance. Ideally the individual would work with the Council and all of its partner bodies.</p>	<p>This recommendation is partially accepted.</p> <p>This recommendation has been temporarily met with the creation of the Local Nature Partnership Co-ordinator (LNP) post, funded by a Welsh Government grant. However, this post is temporary and part-time, therefore further funding would be required to sustain the LNP beyond March 2022.</p>	<p>Further funding has been obtained which has resulted in the post being at full time hours up until 31/3/22 and discussions between the Council and the Wales Council for Voluntary Action concerning grant funding for 2022/23 and beyond are on-going.</p>	Jon Maidment	Peter Bradbury
8a (40)	<p>Recommendation 8 (a) - Planning & Biodiversity Forum – To date Cardiff Council officers have not attended the Planning & Biodiversity Forum. Members felt that this was a missed opportunity, particularly as the direction of travel for supporting the environment has shifted in the last twelve months under Planning Policy Wales Edition 10, the Environment (Wales) Act and</p>	<p>The recommendation is partially accepted.</p> <p>A representative from the Planning Department will be encouraged to attend the next meeting, subject to availability. Should the Forum seek attendance from Elected Members, this will require further dialogue</p>	<p>As before, dependent upon resources, commitments, and current and future recruitment processes.</p>	Simon Gilbert	Caro Wild

	<p>the Well Being of Future Generations. The task group, therefore, recommends that an officer from Cardiff attends future meetings of the Planning & Biodiversity Forum. They also feel that the profile and influence of the Planning & Biodiversity Forum would benefit from Elected Member involvement, and so ask the Council to approach the group to ask if it could be expanded to include councillor representatives from each of the represented local authorities.</p>	<p>regarding the intended role and requirements.</p>			
8b (41)	<p>Recommendation 8 (b) - Review of Cardiff's Local Development Plan – A review of Cardiff's Local Development Plan is due to begin in 2020. Given the importance of recent changes within Planning Policy Wales Edition 10, the Section 6 Duty of the Environment (Wales) Act and the Well Being of Future Generations legislation, the task group recommend that now is an excellent opportunity to enhance the environmental policies and goals of Cardiff's Local Development Plan. Strong and detailed environmental policy that link to the Council's main corporate objectives could be</p>	<p>The recommendation is noted</p> <p>The Cardiff LDP is currently under review. As part of this comprehensive process, <u>all</u> policies will be reviewed and assessed, and it would be premature ahead of the Replacement LDP process to predetermine policy approaches. It is considered that the current environmental policy framework in the LDP and associated Supplementary Planning Guidance for Green Infrastructure, including the six supporting Technical Guidance Notes (TGNs), is an exemplary approach to promoting green infrastructure, biodiversity, and the resilience of ecosystems.</p>	<p>Cardiff's Replacement LDP is at an early stage of preparation. In September 2021 the Council agreed the Vision, Issues and Objectives for the new LDP.</p> <p>Objective 10 is:</p> <p>To ensure the resilience of ecosystems by protecting and enhancing Cardiff's Green and blue Infrastructure, its biodiversity and other natural assets.</p> <p>The Plan will:</p> <ul style="list-style-type: none"> • <i>Make Cardiff an exemplar green city by ensuring the resilience of ecosystems;</i> 	Simon Gilbert	Caro Wild

	<p>used as a 'hook' to develop stronger supplementary planning guidance, which in turn could provide greater protection for Cardiff's valuable green infrastructure.</p>		<ul style="list-style-type: none"> • <i>Identify and set out how key natural assets of the city will be protected and enhanced including:</i> <ul style="list-style-type: none"> - <i>Open spaces, parks and allotments;</i> - <i>Enhance the access to strategically important river valleys of the Ely, Taff, Nant Fawr and Rhymney;</i> - <i>The countryside, including strategically important 'green backdrop' formed by the ridge north of the City;</i> - <i>Cardiff's rich biodiversity and wildlife resource including designated sites and other features/ networks including trees and hedgerows.</i> • <i>Recognise the role that green infrastructure can play in tackling climate change;</i> • <i>Providing resilience to ecosystems, promoting well being and creating healthy environments;</i> • <i>Ensure natural resources are protected including mineral and sand/gravel resources and reserves.</i> 		
<p>8c (41)</p>	<p>Recommendation 8 (c) - Planning Policy Wales Edition 10 – Greater Detail – Following the meeting with the representatives from the Planning & Biodiversity Forum, the task group concluded that a lack of detail was the biggest weakness in environment</p>	<p>The recommendation is not accepted.</p> <p>PPW (ed. 10) was prepared and published following consultation with all Local Authorities. Any future review of PPW and Technical Advice Notes (TANs) is the</p>	<p>Welsh Government have prepared a National Development Plan as well as updated PPW (ed. 11) in February 2021.</p> <p>The National Development Plan states:</p> <p><i>The variety of flora and fauna found across Wales make Wales a special place. Biodiversity underpins the functioning of</i></p>	<p>Simon Gilbert</p>	<p>Caro Wild</p>

related planning guidance, meaning that developers were consistently able to win on appeal and offer 'mitigating measures' to comply with planning conditions. The task group asks that the Council raises these concerns with Welsh Government, and asks them to increase the level of detail around the suite of planning guidance that is used to ensure environmental protection.

appropriate forum to provide comments on their content.

healthy, resilient ecosystems and the multiple benefits they provide. While biodiversity has declined in recent decades, we will reverse these losses and enhance the resilience of ecosystems. The planning system will ensure wildlife is able to thrive in healthy, diverse habitats, both in urban and rural areas, recognising and valuing the multiple benefits to people and nature

POLICY 9: Resilient Ecological Networks and Green Infrastructure

To ensure the enhancement of biodiversity, the resilience of ecosystems and the provision of green infrastructure, the Welsh Government will work with key partners to:

- identify areas which should be safeguarded and created as ecological networks for their importance for adaptation to climate change, for habitat protection, restoration or creation, to protect species, or which provide key ecosystems services, to ensure they are not unduly compromised by future development; and
- identify opportunities where existing and potential green infrastructure could be maximised as part of placemaking, requiring the use of nature-based solutions as a key mechanism for securing sustainable growth, ecological connectivity, social equality and well-being.

Planning authorities should include these areas and/or opportunities in their

			<p>development plan strategies and policies in order to promote and safeguard the functions and opportunities they provide. In all cases, action towards securing the maintenance and enhancement of biodiversity (to provide a net benefit), the resilience of ecosystems and green infrastructure assets must be demonstrated as part of development proposals through innovative, nature-based approaches to site planning and the design of the built environment.</p>		
8d (42)	<p>Recommendation 8 (d) - Measuring Tree Coverage – Members believe that the Council should focus on measuring tree coverage instead of the number of trees in the city. The environmental benefits of established tree coverage far outweigh that provided by newly planted trees, which are often provided as an environmental mitigating measure. As a consequence, the task group recommends that the Council should identify a way of accurately measuring Cardiff's tree coverage, and then report on this annually.</p>	<p>The recommendation is accepted</p> <p>The Council already holds data relating to tree coverage in Cardiff, following the I-Tree Eco Survey undertaken in 2017-18.</p> <p>There remains a need to record and report information numerically for management / operational purposes.</p>	<p>Tree canopy figures are already held as stated.</p> <p>The Coed Caerdydd project, will establish ongoing monitoring of tree canopy figures, including planting and removal of trees.</p> <p>Collation of data from third parties will be difficult unless they are contributing the Coed Caerdydd project. The project team will work with other major landholders to collate data and will provide an ongoing record of canopy, which can be verified through a re-evaluation using the i-tree methodology at set periods. The re-evaluation will require additional funding at the appropriate time in order to carry out a comparable study.</p>	Jon Maidment	Peter Bradbury

8e (42)	<p>Recommendation 8 (e) - Supporting Nature in new Developments</p> <p>The task group was provided with information on a range of features that can be built into new developments to support biodiversity, for example, bat bricks and hedgehog holes. The cost of these features is relatively small; for example, a single bat brick costs less than £20. On this basis the task groups recommends that the Council asks developers to install nature supporting features on all new build properties as standard, and if necessary identify a policy 'hook' within the new or revised Local Development Plan to use to create supplementary planning guidance to support this aim.</p>	<p>The recommendation is partially accepted.</p> <p>The Council is seeking to go beyond policy requirements when considering new residential developments. Officers will continue to negotiate with developers to provide nature supporting features as part of new developments.</p> <p>The promotion of biodiversity is a legal requirement of the SAB (Sustainable Drainage Adoption Body) process which is a requirement upon all new development of more than 1 dwelling and 100m²</p>	As before and 8 (c) above	Simon Gilbert	Caro Wild
9 (46)	<p>Recommendation 9 - Embed New Biodiversity Well Being Objective</p> <p>The Council should embed the new biodiversity well-being objective into the organisation by developing and delivering relevant training to all Council</p>	<p>The recommendation is partially accepted.</p> <p>See responses to Recommendation 7 above regarding wellbeing objectives</p> <p>There is a wider initiative among Local Authority Ecologists in Wales to produce a corporate training module around the Section 6</p>	As before, LDP consultation and engagement help raise awareness and shared goals	Simon Gilbert	Caro Wild

	<p>staff. Suggested examples of how to do this include:</p> <ul style="list-style-type: none"> • Through the use of e-learning, various staff communications and staff questionnaires; • Building the new biodiversity well-being objective into the Personal Development Review (PDR) process; • Targeted research and group discussions – particular functions. <p>It should also encourage other public organisations to roll out similar training within their organisations.</p>	<p>biodiversity duty. However, in the meantime the approved Biodiversity and Resilience of Ecosystems Duty Forward Plan advocates holding workshops with service areas to introduce the duty and look at ways of implementing service-area action plans. This is the approach taken by other LAs, though buy-in at Director level is required in order to secure engagement. However, this is a resource-intensive exercise, and so contingent upon additional staff resources.</p> <p>Please also refer to response to 7d.</p>			
<p>10 (47)</p>	<p>Recommendation 10 - Promote the Council's Drive to Support Biodiversity</p> <p>Make information available to the public to encourage participation and understanding, for example, by publishing information on the Council webpages; sharing information with partner organisations and other key stakeholders; communicating the message through social media and running wider communications promotions.</p>	<p>The recommendation is accepted. Please refer to the response for recommendation 9.</p> <p>The Council, through the Biodiversity and Resilience of Ecosystems Duty Forward Plan, along with the ITree Study and the Ecosystem Services Mapping project, to raise awareness of these initiatives throughout the Council.</p>	<p>See above regarding One Planet and LDP Review where consistent and user-friendly branding has been successfully used, as well as utilising social media feeds and direct engagement to increase participation.</p> <p>Officers continue to monitor and improve services and are seeking to directly engage with stakeholder and community groups</p>	<p>Simon Gilbert</p>	<p>Caro Wild</p>

11 (48)	<p>Recommendation 11 - Regular Liaison Meetings</p> <p>Invite environmental voluntary groups and Community Council representatives to attend regular liaison meetings – these could link into Cardiff Biodiversity Partnership meetings to ensure that all parties are kept informed. The meetings would allow them to access additional support to specialist advice from relevant officers.</p>	<p>This recommendation is accepted.</p> <p>The Council already supports a quarterly Friends Forum network meeting and works closely with other organisations including Innovate Trust, Buglife, Plant Life, RSPB, Wildlife Trust, Cardiff University, and the Woodland Trust. The re-launch of Cardiff Biodiversity Partnership as Cardiff Local Nature Partnership. This includes a steering group made up of partner organisations and representatives from WCVA and the Wales wide biodiversity partnership. This steering group meets quarterly and was launched in July 2020. The wider LNP network brings together the network of community groups and individuals across the city who want to get involved with the LNP. Networking events and workshops will take place to bring the wider network together. The first of the workshops took place December 2020 using a virtual medium.</p>	<p>The Local Nature Partnership which has been an important forum for engagement and has seen good levels of engagement at both its Steering Group and wider partnership level.</p> <p>The current full partnership membership stands at 125 and comprises of Community Groups, Friends Groups, Community Council's, and individuals interested in Biodiversity in Cardiff</p>	Nicola Hutchinson	Peter Bradbury
12 (48)	<p>Recommendation 12 - Schools & Governors</p> <p>Create environmental link Governors on school governing bodies who can take relevant information and projects to their school. Encourage better use of</p>	<p>This recommendation is accepted.</p> <p>Schools and the Council estate in general are captured by the s6 duty so will be included in the requirement to seek to maintain and enhance biodiversity. Ways of achieving this will be explored, but</p>	As before	Simon Gilbert/Jon Maidment	Caro Wild/Peter Bradbury

	school grounds and local wildlife sites for biodiversity.	additional resources would be required to support links with schools.			
13 (48)	<p>Recommendation 13 - Mandatory Biodiversity Training for Members</p> <p>The Council should introduce mandatory Member training to improve knowledge on biodiversity and the natural environment.</p>	<p>The recommendation is accepted.</p> <p>This needs to be integrated with raising awareness across the council of s6 duty and of the role of the GI group.</p>	Accepted. This will form part of Member Training pre and post Local Government Elections in May 2022	Simon Gilbert/Jon Maidment	Caro Wild/Peter Bradbury
14 (48)	<p>Recommendation 14 - Dedicated Outdoor Learning Officer – The Council should either employ a dedicated outdoor learning officer, or identify funding to deliver this role and designate responsibility to a third party with existing experience to deliver this work. This would provide tailored support, training and delivery to enable Cardiff schools to:</p> <ul style="list-style-type: none"> Fully realise the potential of outdoor learning; Deliver educational and wellbeing benefits from the varied natural resources that Cardiff possesses 	<p>This recommendation is partially accepted.</p> <p>The Council recognises the benefit of outdoor learning to schoolchildren in Cardiff, funding to support this activity will need to be secured through the Councils' budgetary framework.</p>	A report titled Community Engagement & Safety In Parks will be received at the Cabinet meeting on 14 th January 2022. The report responds to a motion passed at the Council meeting on 21st October 2021 and which called Continue to look at ways during the budget process to increase funding in park safety and support staff and Friends Groups going forward, to include learning / educational purposes.	Jon Maidment	Peter Bradbury
15 (51)	Recommendation 15 – SEWBRc Service Level Agreement	The recommendation is partially accepted, but requires additional	Work is ongoing under the current LDP review to capture an up to date evidence	Simon Gilbert	Caro Wild

	<p>The Council should enter into a service level agreement with the South East Wales Biodiversity Records Centre (SEWBReC) for 2019/20 and beyond. This would provide the Council with the best available data on local biodiversity, so that the Council is better informed about the natural resources that it has, and at the same time is in a good position to allocate its limited resources into the area of most need.</p>	<p>resources to implement which are currently not in place.</p> <p>A service-level agreement with SEWBReC may have benefits but whilst data will be available for one year via the Local Development Plan process, in the longer term additional resources would be required to enter into a full service level agreement.</p>	<p>base to inform draft policies through both Preferred Strategy and Deposit Plan stages.</p>		
16 (51)	<p>Recommendation 16 – Ward Based Mapping</p> <p>Complete and publicise a ward mapping exercise. This would provide each ward and the Councillors with information specific to that ward. It would include information about important species, protected sites and other relevant ecological information as well as potential opportunities for improving biodiversity within the ward. This could be developed using information from the SEWBReC database.</p>	<p>The recommendation is accepted.</p> <p>Ward sheets showing designated sites and listing protected species in wards were produced in 2012. These will be updated in the light of recent mapping exercises.</p>	<p>As before and above</p>	<p>Simon Gilbert</p>	<p>Caro Wild</p>
17a (60)	<p>Recommendation 17 (a) - Adopt a landscape-scale approach to pollinator conservation, i.e. to look at the challenges that</p>	<p>The recommendation is accepted.</p> <p>The Pollinator Action Plan will be used to encourage landowners,</p>	<p>As before</p>	<p>Simon Gilbert/Jon Maidment</p>	<p>Caro Wild/Peter Bradbury</p>

	<p>biodiversity and supporting ecosystems face across a wide area. This should involve working with partner organisations and volunteers to map nature connectivity so that it can identify how best to improve connectivity across the city. A good starting point would be to use the Cardiff 'B-Lines' data that was established in 2012, and to map out disused space, for example, abandoned railway lines.</p>	<p>including the council, to manage land for the benefit of wildflowers and insects. Cardiff Council is collaborating with organisations such as Buglife, Plantlife and the Bumblebee Conservation Trust to bring forward projects to enhance habitats for pollinators.</p> <p>Habitat connectivity survey information will be used to inform decisions about pollinator planting on a citywide basis.</p>			
17b (60)	<p>Recommendation 17 (b) - Where connectivity gaps are identified, the Council should work with partners and volunteer groups to establish localised projects to bridge the gaps. Suggested projects or approaches include promoting the growth of wildflower verges and building wildlife friendly measures into new and renovated building developments.</p>	<p>The recommendation is accepted.</p> <p>Connectivity gaps identified through a recent ecosystems services mapping exercise will act as a focus for pro-active habitat creation and form part of the scoping work to improve connectivity while reviewing opportunities for pollinator work.</p> <p>Recommendations for biodiversity friendly measures are fed through the planning process.</p>	<p>Assessment of land with potential for habitat enhancement has been carried out as part of the scoping stage of the Coed Caerdydd Project and through work to scope and survey areas for pollinator work. This is an ongoing process as projects, funding and opportunities for habitat improvements arise.</p> <p>Activity includes the Living levels grassland management improvements at Parc Tredelerch and Hendre Lake. This is to improve the habitat along the Buglife Beelines corridor which aims to connect habitat for pollinators, particularly Carder Bee species. This corridor is to the south of Cardiff linking the South West of England to West Wales.</p>	Nicola Hutchinson / County Ecologist	Peter Bradbury

			<p>Also, habitat improvement projects funded by Welsh Government under Local Places for Nature funding stream have been implemented across the city and at Forest Farm allotments, Whitchurch Road, Diana Gardens, Ely, and Grange Medical Centre.</p> <p>Pollinator friendly bulbs have been planted in Jellicoe Gardens, Bute Park, Forest Farm, Butetown Pavilion, Littleton Street and St Mary's Gardens.</p> <p>Fruit tree planting has been introduced in Parc y Pentre, College Road and pollinator friendly plug plants at Forest Farm and Whitchurch Fire Station.</p> <p>Green walls planted with Biodiversity friendly plants to enhance air quality and provide habitat for pollinators have been installed at Cardiff Central Fire Station, Dusty Forge and Kitchener Primary School.</p>		
17c (60)	Recommendation 17 (c) - The Council should work with	The recommendation is accepted.	As before and ongoing	Simon Gilbert	Caro Wild

	property developers and the wider community to better support hedgehog highways. This would involve cutting 13cm x 13cm holes in garden walls and fences to allow hedgehogs to travel, feed and mate	Most major developments consider impacts upon hedgehogs, and many already have a condition requiring a hedgehog movement plan, which requires the applicant to demonstrate how hedgehogs can move freely around built development.			
18a (61)	Recommendation 18 (a) - Create Accessible New Habitats – The Council should support the creation of new habitats, such as local orchards, native hedges, wildflower meadows or other areas of wildlife friendly green space that is accessible to local communities. This can either be done on Council land or in partnership with other organisations. This approach should be built into Cardiff's Green Infrastructure Strategy.	The recommendation is accepted. Accessibility and recreation are all factors in an integrated GI approach, and this is integrated within the current GI SPG and BRED forward plan.	Assessment of land with potential for habitat enhancement has been carried out as part of the scoping stage of the Coed Caerdydd Project and pollinator work. The projects / activity detailed under 17b (60) contribute to this recommendation.	Jon Maidment	Peter Bradbury
18b (62)	Recommendation 18 (b) - Community Managed Spaces – The Council should provide support for the development of community managed spaces. If the Council did this then CLAS Cymru could provide policy perspective and a link to the type of tools that can be accessed to develop such schemes. 90% of community managed spaces that are supported by CLAS Cymru	The recommendation is accepted. The Council continues to work with community groups and CLAS to support community growing initiatives where these can be delivered within the Council's open space and other land holdings.	The Council continues to work with community growing groups and supports the development of community growing on allotment sites. There are currently 11 established community growing projects on allotment sites. A new Community Tenancy has now been developed to allow allotment plots to be taken on in the name of an organisation rather than an individual, which will improve the support and management of community tenancies. This is being rolled out over the next 12 months	Jon Maidment	Peter Bradbury

rely on and support wildlife. Features that are common to community managed spaces include rain water harvesting; composting; healthy no dig soil; mulch; plants for pollinators; bees; insect hotels; compost toilets; ponds; forest garden planting; wild edges; fresh organic local food and natural predators for controlling pests

to existing groups (12 months notice is being given in line with Allotment legislation), but with the option of signing a new tenancy form in the intervening period.

The Council's Allotment Strategy is in the process of being reviewed and incorporates the introduction of a more environmentally sustainable approach to allotment gardening across the city. Many sites have already or are in the process of developing wildlife areas on uncultivable land, with features such as pollinator planting, wildlife ponds and communal orchard areas. Rainwater harvesting, composting toilets, use of mulch and un-maintained areas are already features of most allotment sites. Bee keeping is restricted to limited numbers of hives on certain sites to avoid issues with over-population and competition with solitary bees. Individual allotment holders are developing no dig plots and are being supported to provide exemplar models for others to learn from.

Assessment of land with potential for community growing and local management has been carried out as part of the scoping stage of the Coed Caerdydd project and a number of sites have been identified for community orchard planting. Within the Coed Caerdydd project, the Council is working with the Wildlife Trust of South and West Wales in order to identify appropriate areas for extended and improved habitat linked to community growing.

19 (62)	<p>Recommendation 19 - Community Growing</p> <p>The 'Monmouthshire Community Growing Policy' was cited to Members as an example of good practice in terms of getting the community to grow more produce while supporting nature. It was created to allow the Council to make underutilised land in its ownership available for the community to grow food. This demand has been created through the lack of available allotment space, prevailing economic conditions and the need to develop more resilient communities. Monmouthshire County Council developed a policy and license that allows the use of small bits of Council owned land to grow food on. The creation and roll out of this policy has supported the 'Incredible Edible' movement, i.e. where groups of people get together to grow produce on easily accessible land and the produce can be taken away freely by anyone not just those who have worked to make the produce grow. The task group</p>	<p>The recommendation is accepted.</p> <p>The Council will work with the Cardiff Food Network to develop a community growing policy that addresses all areas of community growing.</p> <p>The policy should ensure that land which is otherwise low in biodiversity, such is brought into a more biodiverse use.</p>	As before and further embedded within One Planet Cardiff	Gareth Harcombe	Michael Michael
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	like this policy, and feel that the community growing approach produces added benefits for local biodiversity. They recommend that Cardiff follows suit by creating and publishing a community growing policy.				
20a (63)	<p>Recommendation 20 (a) - Highway Verge Cutting Process – Plant Life explained that they have been asked by the Council to re-write its Highway verge cutting process. This has worked well in Dorset where they have stopped cutting verges as intensively and has benefited local biodiversity. The task group recommends that the Council follows this approach, ensuring that service areas and contractors are made to follow the new process.</p>	<p>This recommendation is partially accepted.</p> <p>The Council possess the necessary knowledge, skills and understanding required to specify processes for all areas of grassland management including highway verges and will lead any review process. The Council has, over time, worked closely with a wide range of stakeholder organisations, including Plant Life, when modifying mowing regimes that contribute to promoting and enhancing bio-diversity. The Council will continue to adopt this consultative approach moving forward.</p>	<p>The area of grassland managed by the Council on an informal basis and to enhance and promote biodiversity, including areas of highway verge has increased over time. The area now extends to over 100 sites across the city of an estimated 87 hectares, equivalent to 161 senior football pitches.</p> <p>In excess of 9 hectares are being managed through cut and lift procedures promoted by Plant Life.</p> <p>A further review of additional areas for inclusion within the programme will take place in February 2022.</p>	Jon Maidment	Peter Bradbury
20b (63)	<p>Recommendation 20 (b) - Highway Verge & Wildflower Areas Connectivity – In conjunction with Recommendation 17, the task group recommend that highway verges and wildflower areas should be included into connectivity mapping. Where</p>	<p>The recommendation is accepted.</p> <p>A remote-sensing mapping exercise has already been completed, which includes mapping green infrastructure on roadside verges and in private gardens. This mapping will be used going forward</p>	<p>Work to identify opportunities to connect and enhance habitats are on-going through the Pollinator project and Coed Caerdydd working with the local community and volunteers.</p>	Jon Maidment	Peter Bradbury

	<p>possible, the Council should also identify new pieces of land that are suitable for wildflower planting and work with volunteer or community groups to develop these areas, for example, in a similar way to the scheme that is being developed with the Cardiff Civic Society.</p>	<p>to identify suitable areas for biodiversity enhancement.</p> <p>Work is being undertaken to continue review areas for one cut mowing regimes. Initial base line survey work of areas identified is being undertaken. Work to train volunteers to assist with survey work through the Local Nature Partnership is being developed but in 2020 was delayed by Covid restrictions.</p>	<p>Projects have taken place through Welsh Government funding across the city as part of the Pollinator Project as below:</p> <p>18 sites were sown with pollinator friendly seed mixes. The use of perennial mixes are being trialled for 8 of the sites to reduce the amount of work on an annual basis and make these more sustainable.</p> <p>The projects / activity detailed under 17b (60) contribute to this recommendation.</p>		
<p>21 (64)</p>	<p>Recommendation 21 - Biodiversity Friendly Buildings</p> <p>During the task & finish exercise witnesses emphasised the importance of biodiversity friendly buildings in urban areas. They provide a valuable habitat for nature, are able to act as a carbon sink, help buildings adapt to seasonal weather changes and are generally cost effective to deliver. It is also felt that they can make cities feel more pleasant and innovative.</p>	<p>This recommendation is accepted.</p> <p>Biodiversity enhancements are always sought as part of major developments, and the GI group work closely with Project, Design and Development teams to incorporate GI features such as green roofs on buildings such as new schools.</p>	<p>As before and see also reference to National Development Plan in Recommendation 8(c) above. Also see positive enhancements/innovation through various council developments including new schools and housing.</p>	<p>Simon Gilbert</p>	<p>Caro Wild</p>

Examples of features included in biodiversity friendly buildings include green roofs, green walls, sustainable urban drainage and planted trees. Given the wider decline in natural habitats, Members recommend that the Council should do more to encourage the development of biodiversity friendly buildings in Cardiff. This could be done by:

Talking to developers, local architects and surveyors about the benefits of the features of biodiversity friendly buildings;

- Promoting the approach and providing advice through the planning process;
- Documenting good practice and advice on delivering such schemes into planning guidance or policy, for example, including relevant information into supplementary planning guidance;
- Taking a lead in developing biodiversity friendly features on Council buildings and promoting the benefits of this approach.

22 (64)	<p>Recommendation 22 - Tree Planting</p> <p>Tacking climate change means that we will have to find effective ways of removing carbon dioxide from the atmosphere. The simplest and most effective way to do this is to plant trees, as they store carbon dioxide naturally. When Councillor Peter Jones from Swansea addressed the task group in July, he explained that he and a few colleagues had decided to knock some doors in the ward that he represented to find out if local residents would like the opportunity to have a mature tree planted outside their property for £56. He was staggered by the response, with a large number of people agreeing to pay for a tree. Members were encouraged by this proactive approach and felt that there was merit to replicating a similar scheme in Cardiff. The task group recommends that the Council works with Elected Members, partner organisations, volunteer groups and the public to develop a 'Plant a Tree Scheme'. The scheme could encourage the public to buy trees and help to</p>	<p>The recommendation is accepted.</p> <p>The Council works with a wide range of organisations, on a mainstream and project basis with aim of increasing tree cover across the city.</p> <p>The Coed Caerdydd project submitted under the Enabling Natural Resources & Well-being funding stream is part of the Council's response to the declared climate emergency. Subject to approval, the project has the potential to increase tree canopy further.</p> <p>A bid into the Woodland Trust Emergency Tree Fund was made late in 2020, success in award will also contribute to meeting this recommendation.</p>	<p>The Council's bid submissions to Welsh Government and the Woodland Trust were successful and this along with other smaller external finding grants has attracted funding in excess of £ 1 million to be set against the Coed Caerdydd Project.</p> <p>A Project Manager and Volunteer Co-ordinator took up posts in the Autumn of 2021 and both public and member consultation exercises have been undertaken to canvass views and seek engagement.</p> <p>The Council's continues to accept donations from organisations and individuals, for tree sponsorship and the Council's scheme is also being reviewed as part of the project.</p> <p>Ward / locality profiles which build up a broad picture of not only existing tree cover but planting opportunities, volunteer groups, interest from the local business environment are being developed.</p> <p>In terms of individual trees, it is anticipated that the number planted in the 2021/22 season will increase by in excess of 350% when compared with previous recent seasons.</p>	Jon Maidment	Peter Bradbury
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identify funding to pay for or offset the cost of the trees. In turn this would reduce Cardiff's carbon footprint, contribute to Cardiff's climate change emergency agenda and help increase tree coverage across the city.				
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