## Biodiversity and Ecosystem Resilience Duty Delivery Plan

Section 6 Environment (Wales) Act 2016

Flintshire County Council: Report Dec 2019

Progress overview	Code	Action	Progress
Engage and support participation and understanding to embed biodiversity throughout decision making at all levels	1.1	1.1.1	
		1.1.2	
	1.2	1.2.1	
		1.2.2	
		1.2.3	
	1.3	1.3.1	
		1.3.2	
		1.3.3	
	1.4	1.4.1	
		1.4.2	
		1.4.3	
		1.4.4	
Safeguard species and habitats of principle importance and improve their management	2.1	2.1.1	
	2.2	2.2.1	
	2.3	2.3.1	
		2.3.2	
		2.3.3	
Increase the resilience of our natural environment by restoring degraded habitats and habitat creation	3.1	3.1.1	
		3.1.2	
	3.2	3.2.1	
	3.3	3.3.1	
	3.4	3.4.1	
		3.4.2	
Tackle key pressures (Climate change/invasive non-native species/Habitat loss) on species and habitats	4.1	4.1.1	
		4.1.2	
		4.1.3	
	4.2	4.2.1	
		4.2.2	
	4.3	4.3.1	
		4.3.2	
	4.4	4.4.1	
	4.5	4.5.1	
Improve our evidence, understanding and monitoring	5.1	5.1.1	
	5.2	5.2.1	
	5.3	5.3.1	
	5.4	5.4.1	
	5.5	5.5.1	
		5.5.2	
Put in place a framework of governance and support for delivery	6.1	6.6.1	
	6.2	6.2.1	
	6.3	6.3.1	
	6.4	6.4.1	
		6.4.2	

						Progress				
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete	
1.1	Achieve the Resilient Wales goal: Ensure biodiversity integration with Council Well-being work streams	1.1.1 Embed the consideration of biodiversity and sustainability throughout decision making	Corporate	All portfolios	Legislative and policy requirements included in council plans where appropriate			•		
		Progress	<ul> <li>Council plans since 2016 have included an environment section or greener council section. Council plan for 2019 – 23 commits to "Effective management of our natural environment and accessible green space networks to deliver health, well-being and resilience goals and Protecting the resilience of our natural environment by increasing the biodiversity value of council owned or managed land"</li> <li>Biodiversity and sustainability questions are now included in the Internal Integrated Impact Assessment (IIA)</li> <li>Biodiversity officer sits on the IIA review group</li> <li>Staff training to raise awareness of the duty and highlight the need for all staff to consider environmental impact</li> <li>Duty guidance published on the FCC Website with the opportunity for public suggestions to create a greener council</li> </ul>							
		Future opportunities	Environmental elements need to be strengthened in council plan and linked to key environmental legislation requirements     Further work within the IIA framework to produce guidelines, criteria and standard environmental recommendations.							
		1.1.2 Ensure there are strong links between staff and the local nature partnership (Bionet) to ensure input into the PSB, well-being assessment objectives and auditing process.	Corporate and Biodiversity		Clear lines of communication established		•			
		Progress	of ou	ır LNP memb	ers sit on the PS	B Environmen	tal Subgroup, go	ood links exist w	<u> </u>	
		Future opportunities	• Incre	ase general a	awareness and v	isibility of the	Local Nature Par	rtnership to com	pliment work	

Code	Outcome	Action	Lead	Key	Performance								
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete				
					r the LNP Cymru the Climate chan		e board will supp	oort cross dept.	working further				
1.2	Implement the new biodiversity and ecosystems resilience duty:	1.2.1 Undertake an audit of council services, identify key departments and opportunities, and include recommended actions in the duty delivery plan	Biodiversity	All portfolios	Audit report				•				
	,	Progress		<ul> <li>An audit across key departments was undertaken in 2016 and recommendations from this informed the S6 plan</li> </ul>									
		Opportunities	2020 • Incre	<ul> <li>2020 – 2023 S6 plan</li> <li>Increased input from other departments during review of the existing S6 plan and increased lead from non-environmental council depts. will be explored and encouraged.</li> </ul>									
		1.2.2 Produce a biodiversity and ecosystems resilience duty delivery plan for the council	Biodiversity		S6 Plan				•				
		Progress	https	://www.flints	livery plan adopt hire.gov.uk/en/P ence-Duty-Delive	<b>DFFiles/Count</b>		odiversity/Biodi	versity-and-				
		Opportunities	• Secti	ion 6 duty pla	n review and up	date Jan – Ma	rch 2020						
		1.2.3 Implement WG guidance on the duty and undertake specific dept meetings identified in the audit	Biodiversity		Guidance referenced and followed in S6 plan		•						
		Progress	<ul><li>Work</li><li>Educ</li></ul>	k has been pr		pecific departn	nents' Collabora		ne Energy dept, chools programme				
		Opportunities		ige key depai te and Corpo		opment of 2020	0-23 Section 6 du	ıty plan particul	arly Procurement,				

Code	Outcome	Action	Lead	Key	Performance		F	Progress			
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete		
1.3	Legislative and policy requirements are reflected in council plans, reports and	1.3.1 Identify and assess council plans and policies for biodiversity impact and provide recommendations for amendments	Biodiversity		Report complete	•					
	processes	Progress	the Ir	<ul> <li>Although existing plans and policies have not been reviewed. The Biodiversity officers work under the Integrated Impact assessment has improved the consideration of Biodiversity and Sustainability within new plans or projects</li> </ul>							
		1.3.2 Ensure that the biodiversity and sustainability duty are considered within committee reports by including a standard consideration of the biodiversity and ecosystem resilience duty on all reports.	Governance	•	Amended report format	•					
		1.3.3 Review the sustainability test which is currently undertaken within council procurement rules	Governance		Report	•					
1.4	Improved understanding and awareness leads to behavioural change	1.4.1 Undertake an ambitious internal communication strategy to improve understanding of the duty and sustainability issues and responsibilities as a whole	Biodiversity and Energy	Waste and Recycling	a)Produce a staff advice note on the legislation b)Hold Staff and Member training c)Produce an e learning module/sustain ability and biodiversity staff and member pack			•			

Code	Outcome	Action	Lead	Key	Performance					
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete	
		Progress	train	ing sessions back respons	training was hel on 15 <sup>th</sup> May and ses demonstrate pact on the enviro	25 <sup>th</sup> June 2018 d an 80% impr	3 oved understan	ding of the duty		
		Opportunities			ing with more spatial task and finish	•		•		
					inks with Waste					
	1.4.2. Continue and improve our outreach education and awareness programme through work with schools/training events/social media/interpretation/press releases		Countryside services, Biodiversity	Local Nature Partnership	Increase no of people engaged through events and no of schools engaged each year.				•	
		Progress	even unde Our V avera 13 vi Our C child 2019 Even In 20 inter topic The I LNP The I an ec	ts programmertake planned Wepre Countrage. 2018 – 20 sits. Greenfield Valren - Countrysid tts(25 events) 19 this include generational Biodiversity Cos LNP runs a w social media Biodiversity Coo-schools prainability with	e. Schools also was deducational active and the second sec	visit various activities with stan Programme: 4 schools over ogramme: 201 onts, 15 cancellaries owild BioBlitz FCC social seas school visits reness and eded collaborativative Eco Champs.	ccess and natural aff. 2017 and Pre 20 or 4 visits. 2019 - 7 – 1089 children led) – Over 2000 cevent in Wales ervices and right is in connection visits in connection visits and relation events visits and relation events visits which delations which delations which delations.	al environment range of the control	om 6 schools over children, 2019 - 1746 2019 - GFV d an ments. Je of projects and cised through the tract and develop	
		Opportunities	LNP twitter account to help increase awareness of work streams.  • Expansion of the Flintshire Eco Champions Programme							
		1.4.3. Establish links	Biodiversity	Waste	Look into		grannie 	•		
<u> </u>	l .	1.7.0. LOIGDHOIT IIINO	Diodiversity	vvasi6	LOOK IIILO	<u> </u>	1	•		

Code	Outcome	Action	Lead	Key	Performance		F	Progress		
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete	
		between biodiversity projects and carbon and waste reduction initiatives	and Energy		possibility of a joint projects with Energy and Waste					
		Progress	<ul> <li>Joint work with the Energy dept. has been effective and has included: Training, Flintshire Champions programme, Climate emergency commitments, Internal integrated impact ass work and carbon sequestration.</li> </ul>							
		Opportunities		oved links wi						
		1.4.4 Encourage the development of corporate volunteering activities to promote environmental awareness and responsibility amongst staff and to enable individuals to develop values, skills and knowledge to contribute to sustainable development.	Biodiversity and corporate	Corporate	No. of corporate volunteer hours	•				

Natura Dagarram, Astica Dica	Outs arrand an arise and high tate of uninciple invantance and invances their management
Nature Recovery Action Plan	Safeguard species and habitats of principle importance and improve their management
reaction of the control of the contr	Carogada oposios and nastato of principle importantes and improve their management
Objective 2	
Objective 2	

Code	Outcome	Action	Lead	Key	Performance		F	Progress	
				Depts	measure	No Progress	Poor Progress	Good	Action complete
								Progress:	
								Further work	
								needed	
2.1	Implement the	2.1.1 Continue to provide	Ecologist	Access and	No. of				•
	suite of	ecological advice with		Natural Environmen	applications				
	environmental legislation	regard to protected habitats and species,		± nvironmen	responded to No. of licence				
	through our in	development control,		ι	applications				
	house	licencing applications and			No. TLSE				
	Ecological	protected site impact			110.1202				
	advisory	assessments, monitoring							
	service	and enforcement action.							
		Progress					evelopment conti	rol, licencing, pro	tected sites and
2.2	Ensure best	2.2.1 Continue funding	Access and	Access and	toring and enford Service level	ement action		<u> </u>	
2.2	evidence to	2.2.1 Continue funding service level agreement	Natural	Natural	agreement in				•
	underpin	with Cofnod/LERC	Environment	Environmen	place				
	development	With Comod/LERC	Manager	t	piaco				
	control and	Progress		vice level aq	reement is in pla	ce with Cofno	d/LERC and has	been since pre 2	016. The data has
	planning policy	J		_	g evaluation of p			•	
	decision		• •	J		0			
	making and								
	safeguard								
	species and								
2.3	habitats Increased	2.3.1 Production of a local	Biodiversity	Access and	Production of a				
2.3	resilience of		Officer and	Natural	Local nature		•		
	our	nature recovery plan which focusses on	Local Nature	Environmen	recovery plan				
	ecosystems by	Diversity, extent, condition	Partnership	t	Todovery plan				
	improving the	and connectivity of Sec 7	. artifololip	•					
	attributes of	habitats and species.							
	resilience:	<u>'</u>							

Action complete
nt work stream, due
postponed
compliment the
Area Statements at
n prolonged
e emerging themes
<u> </u>

Nature Recovery Action Plan	Increase the resilience of our natural environment by restoring degraded habitats and habitat creation
Objective 3	

Code								Progress			
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete		
3.1	Habitat creation for pollinators with wider environmental benefits.	3.1.1 FCC to achieve national accreditation under the Bee friendly Wales scheme.	Biodiversity	Access and Natural Environmen t	Bee friendly accreditation			•			
		Progress	Bee friendly application drafted – further work needed								
		·	<ul> <li>Grant funded projects have installed wildflower turf, planted areas up with bulbs, tree planting projects have installed pollinator friendly trees in urban areas, amenity grass has received reduced cutting.</li> <li>Coronation meadow has been established at County Hall and is managed for nature</li> </ul>								
	Future opportunities  • Exploring options to invest in cut and collect equipment with Streetscene which would enable										
					anagement for p	ollinators	1	1			
		3.1.2 Submit Expression of interest and bee friendly plan to Welsh government and work towards accreditation.	Biodiversity	Access and Natural Environmen t			•				
		Progress	• Bee	friendly appli	cation drafted -	- further work needed					
3.2	Restoring degraded habitat and improving wider landscape connectivity.	3.2.1 Maintain and enhance our wildflower road verges	Streetscene	Access and Natural Environmen t	Increase number of			•			
	,	Progress	<ul><li>Trial</li><li>Wildf unde</li></ul>	<ul> <li>Changes in grass cutting policy</li> <li>Trial areas for reduced cutting</li> <li>Wildflower campaign begun working with Streetscene involving pilot sites for perennial seeding, undertaking the correct management on our identified diverse verges and reducing grass cutting on</li> </ul>							
					ional amenity gra				_		
		Opportunities	• Minir	nise use of G	lyphosate – alter	natives being	explored				

Code	Outcome	Action	Lead	Key	Performance		ı	Progress					
			Dept	Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete				
3.3	Habitat creation, maintenance and	3.3.1 Produce and implement a tree strategy and planting plan	Tree Officer	Access and Natural Environmen t	plan in place				•				
	enhancement.	Progress			odland plan add								
				<ul> <li>Launch event held at Wepre Park Visitor Centre and Local councils invited and encouraged to consider tree planting in their areas</li> </ul>									
		Opportunities		ased tree pla									
3.4	Restore areas of degraded habitat and increase resilience of protected sites	3.4.1 Draw on evidence from the landholding biodiversity audit to create /enhance further council estate.	Ecologist and Biodiversity	Assets	Establish criteria for prioritisation		•						
		Progress	<ul> <li>Information from the audit informed the Green infrastructure mapping project</li> <li>Areas across the Council estate have been enhanced with tree planting, pond creation, hedgerow planting and wildflower areas.</li> </ul>										
		Opportunities	•	oved use of C	SIS to target acti	on, this will be	achieved throug	gh planned work	under the LNP				
		3.4.2 Assess landholdings and prioritise habitat improvements near protected sites			Improve 1 site per annum				•				
		Progress	E.g. creat	ARC, NWWT, ion in Buckle ary protected	Groundwork. In ey, adjacent to p	cluding sympa rotected sites.	thetic grassland Tree planting an	l management a ld hedgerow cre	rking in partnership nd hibernacula ation along the Dee as within protected				

Nature Recovery Action Plan	Tackle key pressures (Climate change/Invasive nan native species/Habitat loss) on species and habitats
Objective 4	

Code	Outcome	Action	Lead	Key	Performance	mance Progress						
				measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete				
4.1	Climate change	4.1.1 Ongoing Carbon reduction and energy efficient initiatives	Energy	All				•				
		Progress		Collaborative work includes: Training, Flintshire Eco Champions programme, Climate emergency commitments and report, internal impact assessment work and carbon sequestration.								
		4.1.2 Follow best practice guidelines in terms of biodiversity enhancement on council owned renewable energy sites.	Energy	Ecologist and Biodiversity Officer	•				•			
Progress  • The Ecologist works closely with the Energy dept. to ensure that best practice and maplans are followed and protected species and site legislation is followed.							nd management					
		4.1.3 Reducing waste production and promoting resource efficiency	Waste and Recycling	All				•				
		Progress	• FCC	have ongoing	commitments to	l o reducing wa	ste and recyclin					
		Opportunities			nt to be hosted in			9				
4.2	Reduction in invasive species	4.2.1 Coordinate and support projects which control Invasive Non Native species	Biodiversity Officer	Access and Natural Environmen t / Streetscene	reports/docume				•			
		Progress	<ul> <li>Biodiversity Officer provides ongoing support for the Alyn Valley Himalayan balsam project coordinating effort and seeking funding.</li> <li>Flintshire Countryside Service worked with NRW to purchase Azolla weevils for 2 sites in Connahs quay where ponds important for Great Crested Newts are infested. The biological control has been effective and there has been 100% reduction in Azolla</li> <li>Biodiversity Officer works with Streetscene to respond to invasive non-native enquiries and requests for control.</li> </ul>									

Code	Outcome	Action	Lead	Key	Performance		F	Progress	
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete
		4.2.2 Continue support for specific projects including Living landscapes/Alyn valley Himalayan balsam project/Dee INNs project	Biodiversity Officer	Access and Natural Environmen t	Project reports/docume ntation				•
		Progress	Hima • The I	ılayan balsam Biodiversity C	Officer continues In project Himalay Officer supports In In the project stee	an balsam work under the			
4.3	Reduce key pressures on habitats and species of principle importance for conservation	4.3.1 Coordinate and support Section 7 species/habitat specific project work	Biodiversity Officer and Ecologist	Access and Natural Environmen t		group.			•
		Progress	Cres	ted Newt/Natt	•				
			_	•	d management a s, 4 new licences,		_		
		4.3.2 Undertake practical management to benefit section 7 species or habitats	Biodiversity Officer and Ecologist	Access and Natural Environmen	Habitat management	1,500 1115 01 111	niscry Izma or con		•
		Progress			l sland manageme eation and mainte				hedgerow
4.4	Reduce pressures on habitats and species related to reduced habitat options in new builds and building maintenance.	4.4.1 Review processes and consider opportunities for improvements for wildlife. in our New homes/buildings schemes and when maintaining our local authority housing	Biodiversity Officer and Ecologist	Planning	Checklist? Best practice guidance?	, woodi	and managemen	•	

		Progress	• The	Ecologist is c	onsulted on plan	nning applicati	ons and provide	s pre-application	n advice. The
4.5	Bulling		• In ad envi	dition the Bio conments.	rises housing reg odiversity Officer	•	•		cture in urban
4.5	Reduce development pressures through continued ecologist advice and guidance notes	4.5.1 Improve process to enhance biodiversity by producing local Section 7 guidance note.	Ecologist	Access and Natural Environmen t	advice note			•	
		Progress	Sect	ion 7 Guidand	e included within	n the Special I	Planning Guidan	ce	

Nature Recovery Action Plan	Improve our evidence, understanding and monitoring
Objective 5	

Code	Outcome	Action	Lead	Key	Performance	Progress			
				Depts	measure	No Progress	Poor Progress	Good	Action complete
								Progress:	
								Further work	
								needed	
5.1	Improved use of evidence in decision making	5.1.1 Use SoNaRR to help guide local action for ecoystems	Local nature partnership	Access and Natural Environmen t			•		
		Progress	SoNaRR data has been used for LNP consultation responses						
		Future opportunities	• SoNa	RR will be us	sed at the forthco	oming work to	develop a Local	Nature Recovery	y Action Plan

Code	Outcome	Action	Lead	Key	Performance		F	Progress	
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete
5.2	Improve baseline evidence for decision making	5.2.1 Support and undertake Surveys of S7 habitat and species	Biodiversity, Ecology, Countryside Services, Local Nature Partnership		Survey results				•
		Progress			of Great Crested	•			•
		Future opportunities			ers to undertake	strategic water	er vole surveys a	around known po	pulations
5.3	Improved understanding and monitoring	5.3.1 Monitor results of historical habitat improvement schemes to guide future projects	Biodiversity	Access and natural environmen t	Report		•		
		Progress	• Road	verae surve	vs are undertake	n by the Ecolo	gist and Biodive	ersity Officer to r	nonitor impact of
		3		ced cutting re			<b>g</b>	,	
			• Biod	iversity Office	er undertakes flo	ral surveys of	grassland with i	reduced cuts	
		Opportunities	• Inclu	de post proje	ect monitoring and le volunteers and	d maintenance	e in funding opp	ortunities	
5.4	Improved	5.4.1 Maximise use of	Biodiversity		A volunteer		,g		•
	evidence,	volunteers particularly in	Officer and	Natural	group is				
	understanding	survey and monitoring	Countryside	Environmen					
	and monitoring	roles	staff	t	maintained				
		Progress	volui Cresi orgai supp	nteers who ar ted Newts an nisations incl	e licenced for pr d Dormouse surv uding the Wildlif	otected specie	es survey in part aining for volunt	icular for Sand L eers and work w	ith partner
5.5	Standardised	5.5.1 Use of LERC for	Ecologist		Planning list				•
	data capture	evidence and data	and		reports				
	and action	gathering	Biodiversity Officer						
	reporting	Dresses		lanning annli		lead against LF	DC data and ran		the Feelewist
		Progress  5.5.2 Papart biodiversity	All pl     Biodiversity	ianning appili	cations are chec Records	keu against LE I	cke data and rep	orts returned to	the Ecologist
		5.5.2 Report biodiversity action through agreed	Officer		submitted				•
		national database/process	Officel		Submitted				
		Progress			l rvey programme Imme and survey		priate for examp	Die the National D	Dormouse

Nature Recovery Action Plan	Put in place a framework of governance and support for delivery
Objective 6	

						Progress				
				Depts	measure	No Progress		Good Progress: Further work needed	Action complete	
6.1	A council who is fully compliant with legislative and policy requirements and proactive	6.1.1 Ensure there is sufficient capacity to comply with legislative requirements and enable proactive action for biodiversity conservation.	Access and Natural Environment		Sufficient staff and resources in place			•		
	in biodiversity	Progress	• FCC	FCC employs 1 Biodiversity Officer part time, recent grant funding from WG has enabled the						
	conservation.		<ul> <li>Biodiversity officer to increase to full time on a temporary basis for 2.5 years.</li> <li>Seek and apply for additional grant funding to increase capacity further and on a permanent be</li> </ul>							
		Future opportunities		and apply fo		t funding to in	crease capacity	further and on a	permanent basis	
6.2	Support is provided for local biodiversity action delivery	6.2.1 Ensure that funding is secured through the Single Revenue Grant which supports and delivers biodiversity projects.	Biodiversity Officer		Funding bid and report				•	
		Progress	<ul> <li>SRG Funding was obtained each year while the fund was active. The grant fund is now closed. The Biodiversity Officer has ongoing work streams to secure future funding from a range of sources for various biodiversity projects.</li> </ul>							
		Future opportunities	Appl	ications for a	Iternative grant f	unding				
6.3	A framework is in place to support and govern local biodiversity	6.3.1 Coordinate the Local Nature Partnership/North East Wales Biodiversity Network	Biodiversity Officer	Access and Natural Environmen t and LNP	LNP				•	
	action	Progress	by th	e Biodiversit		trong group w	ith on average 2	0 attendees per	onwy. Coordinated meeting, an email	
		Opportunities			additional resou				ork through the WG	
6.4	Establish a framework of governance	6.4.1 Produce a council sustainability policy which will replace the	Biodiversity Officer	Access and Natural					•	

Code	Outcome	Action	Lead	Key	Performance		F	Progress	
				Depts	measure	No Progress	Poor Progress	Good Progress: Further work needed	Action complete
	internally for council projects which focus on biodiversity or sustainability	environmental policy and build in links with the new legislation.		t / Energy					
		6.4.2 Create a cross departmental sustainability working group to implement the policy					•		
		Progress	The Environment and Sustainability policy was adopted and is available online at <a href="https://www.flintshire.gov.uk/en/PDFFiles/CountrysideCoast/Biodiversity/Flintshire-County-Council-Sustainability-Policy.pdf">https://www.flintshire.gov.uk/en/PDFFiles/CountrysideCoast/Biodiversity/Flintshire-County-Council-Sustainability-Policy.pdf</a> A number of staff from a range of depts. have expressed an interest in being part of this work						
		Opportunities	• To w	ork with the o	climate change p	rogramme boa	ard		