

Biodiversity Strategy Delivery Plan

An aggregated list of the work being done by members of the Biodiversity Delivery Group.

End of Year report for April 2021 - March 2022

Updated: March 2022

By: DEFA Ecosystem Policy Team

Key to Rating:
Red: Not started;
Amber: In progress;
Green: Ongoing/ on track;
Blue: Complete.

Objective 1: Delivering an effective strategy: By 2015 the Government and partners will have developed and adopted an effective biodiversity strategy and will have commenced implementation in 2016.

Action 1: Complete and approve the Draft Strategy in 2015, followed by a Delivery Plan (with tasks and resourcing options) agreed within 6 months of the adoption of the Strategy by Tynwald.

Task	What	Why	When	Who	Status	Rating of Task
1A	Delivery Plan showing actions to be delivered April 2021 to March 2022 to be developed by the members of the Biodiversity Delivery Group at their meeting on 17th May 2021.	To identify and monitor the delivery of tasks in the current financial year.	Delivery Plan to be finalised by end May 2021.	Biodiversity Delivery Group.	Complete.	

Action 2: In 2015 establish a Biodiversity Oversight Group tasked with driving forward and monitoring implementation of the Biodiversity Strategy and Delivery Plan.

	Establishment of Biodiversity Oversight Group (to be known as Biodiversity Delivery Group)	To enable the setting up of an appropriate Group to drive the work of the Strategy.	By end December 2020.	DEFA: Ecosystem Policy Team	Completed December 2020. First meeting held February 2021.	
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Action 3: Regularly review and revise both Strategy and Delivery Plan to take forward the work up to and beyond 2025.

3A	Revise and update the Strategy after the UN Biodiversity Conference of Parties (COP 15) now due to be held 11th to 15th October 2021 and 25th April to 8th May 2022.	To make sure the Strategy takes into account new or altered CBD targets and actions for post 2020.	By March 2022.	DEFA: Ecosystem Policy Team and Biodiversity Delivery Group.	Not started as awaiting outcome of COP 15 conference. Task to be carried over to 2022/23.	
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Objective 2: Government leading by example: By 2025 Government will lead by ensuring biodiversity conservation is being considered in all relevant areas of policy and decision-making, actively encouraging good practice and adopting all appropriate incentives to support biodiversity.

Action 4: From 2015 Government will lead the Manx community in implementing the Manx Biodiversity Strategy and Delivery Plan.

4A	Continue to meet with MWT and MBL and other partners both via the Manx Nature Conservation Forum (MNCF) and at separate meetings. Encourage further reporting of the work they are undertaking towards Biodiversity Strategy delivery.	To encourage partnership working to more effectively deliver Strategy actions. To provide advice and financial support where possible to partners undertaking work. To provide recognition to partners undertaking work. To track work being undertaken so that it can be reported in progress reports.	Ongoing. MNCF meetings held every 3 or 4 months. Liaison meetings with individual partners to be organised when required, but aim for not less than quarterly.	DEFA: Ecosystem Policy Team	Ongoing. MNCF meeting held 10th March to discuss future of Forum. Outcome: Members agreed Forum to continue in current format with political chair but meetings to be themed and papers agreed and submitted in advance, in agreed format. Members to collaborate when writing papers. Sub-groups to be set up when required. 'Ecotourism sub-group' to convene shortly. Forthcoming dates of meetings have been agreed. DEFA continue to meet with individual partners/stakeholders when required.	
4B	Continue to attend the Environmental Educators Network meetings.	To contribute to the joint delivery of biodiversity education work carried out by a range of organisations.	When meetings are held.	DEFA: Ecosystem Policy Team.	Ongoing. To be continued in 2022/23.	
4C	Undertake publicity on biodiversity topics.	To educate, inform and engage the public on biodiversity matters.	Monthly.	DEFA: Ecosystem Policy Team.	Ongoing. Record of PR issued to be listed. To be continued in 2022/23.	
Action 5: By 2017 seek a more robust "duty" for Government to conserve biodiversity in the Wildlife Act. This would mean public bodies need to further biodiversity conservation wherever possible, ensuring this is measured and accounted for.						
5A	Make sure that the revision of the Wildlife Act is put forward to the next political administration.	To enable a revision of the Wildlife Act to strengthen the requirement for public bodies to conserve biodiversity.	By end April 2021.	DEFA: Ecosystem Policy Team.	Complete. Revision of Wildlife Act has been added to DEFA's Legal Officer's list.	
5B	Check wording in Climate Change Bill. (Also links to action 7)	To see what 'duty' the Climate Change Bill states.	By end April 2021.	DEFA: Ecosystem Policy Team.	Completed.	
5C	Work with DEFA and non-governmental organisations to determine enumerated species and habitat goals relating to birds and other nature. Establish methodology for this by end March 2022.	Measurable and meaningful goals by which to target and evaluate success.	By end March 2022.	Manx Bird Life	In progress. Basic method outlined. Needs peer review.	
Action 6: By 2020 review all of government's relevant legislation, regulations, schemes, incentives and codes of practice for consistency with biodiversity conservation, especially international obligations.						

6A	Lead a review of the Birdwatcher's and Photographer's Code of Conduct.	Update to reflect the growing pressures on rare/scarce, breeding, feeding and roosting birds.	By end March 2022.	Manx Bird Life	Complete.	
6B	Lead a review of Schedule 1 and Schedule 2 species.	Update in line with BoCCIoM 2021 findings.	By end March 2022.	Manx Bird Life	Complete.	
See task 8A which is also delivering this action.						
Action 7: By 2022 embed proper consideration of biodiversity and ecosystem services in all relevant policy and decision-making to facilitate Government's commitment to biodiversity.						
7A	Via the DEFA CEO and Chief Officers Group, request that Government policy papers take account of biodiversity conservation in new policy decisions.	To make it a requirement for Government to take account of biodiversity conservation in new policy.	By end September 2021.	DEFA: Ecosystem Policy Team.	Not started. To be carried forward to 2022/23.	
7B	Check the final wording of the duty in Section 21 of the Climate Change Bill. (Same task as in action 5).	To determine the 'duty' being put in the Climate Change Bill.	By end April 2021.	DEFA: Ecosystem Policy Team.	Completed.	
7C	Continue to advise other Departments when required regarding planned works.	To advise Government on how best to conserve wildlife.	Ongoing	DEFA	Ongoing. To be continued in 2022/23.	
7D	MWT to continue to review all planning applications for negative biodiversity implications.		Ongoing, standing	Manx Wildlife Trust	Ongoing.	
7E	MWT to establish a Planning Group within the MWT Biodiversity Impact Committee.		By end March 2022.	Manx Wildlife Trust	Not started.	
7F	MWT to review all potential development sites within the North and West Area Plan and provide feedback to the Cabinet Office during the consultation.		By end August 2021.	Manx Wildlife Trust	Complete.	
7G	MWT, via their consultancy work, to make positive recommendations to achieve Not Net Loss of Biodiversity and advocate for Net Biodiversity Gain from any development.		Ongoing, standing commitment.	Manx Wildlife Trust	In progress.	
7H	The tenanting out of 125 acres of MNH land at Cregneash is to take into account conservation. Conservation performance indicators have been agreed and reflected in the prescriptive tenancy.	To ensure that the habitats and species found at Cregneash are conserved appropriately.		Manx National Heritage	In progress.	
Action 8: From 2018, where government offers incentives it will need to show that the activities it supports are not detrimental to biodiversity and wherever possible it will provide positive incentives to conserve it.						
8A	Via the DEFA CEO and Chief Officers Group, ask each Department to nominate someone to review the schemes that they have in their Department and ask them to report whether biodiversity is taken into account. (This task also fulfills work under action 6).	To determine whether there are schemes that are detrimental to biodiversity.	By end October 2021.	DEFA: Ecosystem Policy Team.	Not started. To be carried over to 2022/23.	

8B	Consider a biodiversity code/checklist for Departments to use.	To assist Government to easily consider possible biodiversity impact of their work.	By end October 2021.	DEFA: Ecosystem Policy Team.	In progress. Email sent round the Team for initial suggestions on how to progress this. To be continued in 2022/23.	
8C	Provide initial input to the refinement of Agri-environment Scheme options for the benefit of wild birds by meeting with AES Delivery Partner and DEFA Agriculture and Lands. Present priorities by end March 2022.	Ensure new strategy delivers on the promise of 'targeted environmental enhancements', particularly for priority species and key habitats.	By end March 2022.	Manx Bird Life	On hold. Subject to discussion with Manx Wildlife Trust.	
Objective 3: Biodiversity knowledge: By 2025 everyone will have access to reliable, up-to-date and comprehensive biodiversity data which is essential to support Government policies and decisions of businesses and private land and sea users.						
Action 9: By 2016 develop a biological recording system which is maintained, evolved and accessible to users, working with partners to achieve this.						
9A	Continue to work with partners to maintain and add records to Recorder and National Biodiversity Network.	To ensure good quality records are easily accessible to the public, developers and researchers. To enable the biodiversity to be taken into account in decision making.	Ongoing	DEFA, MWT & MNH	Ongoing. Significant work on data input, advice to data collectors and management of the Recorder database and records submitted to NBN. Details available from DEFA. Task to continue in 2022/23.	
9B	Issue a Quick Quote tender to identify a contractor to undertake management of the Manx Biological Recording Partnership (known as Biological Database Manager).	The current contract ends May 2022 and a period of overlap to train a successor is needed.	By end March 2022	DEFA Ecosystem Policy Team and key MBRP partners.	In progress. Meeting of the MBRP Steering Group held March 2022 to discuss requirements. Task to be continued in 2022/23.	
9C	MWT to continue to be a key member of the Manx Biological Recording Partnership and to be involved in MBRP staff succession planning and explore the potential for an assistant/apprentice funded by Govt and/or monies received from data use licences.		Ongoing, standing commitment.	Manx Wildlife Trust	In progress.	
9D	MWT to co-ordinate all Seasearch activity in Manx waters and co-ordinate the Seasearch Observers course.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
9E	MWT to sign Memorandums of Understanding with Manx Whale and Dolphin Watch and Manx Basking Shark Watch.		By end March 2022.	Manx Wildlife Trust	Complete.	
9F	MWT to investigate how to increase participation in citizen science for biological recording.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
9G	MWT to continue to run and manage the Calf of Man Bird Observatory which is the most significant and long term biological recording programme on the Island.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
9H	MNH to continue to be key partner in Manx Biological Recording Partnership and the NBN Atlas Isle of Man.		By end March 2022	Manx National Heritage	Ongoing.	

9I	All Calf of Man records since 1959 to be added to Recorder by two volunteers. The records will then be provided to the National Biodiversity Network where they will be publicly available.		By end March 2022	Manx National Heritage	In progress.	
9J	Moth records to be added to Recorder.		By end March 2022	Manx National Heritage	In progress.	
9K	The bird ringing and bird ringing re-finds data is to be digitised.		By end March 2022	Manx National Heritage	In progress.	
9L	Collaborate on devising data model (commercial and non-commercial) for sharing and use of data. Collaborate on devising data model for centralised biological recording, ensuring safeguards for sensitive data. Determining the Terms of Reference for that work by end March 2022.	Promote cross-sharing and learning between the conservation bodies and DEFA, and that each special interest group has access to the data it needs for analysis and decision-making. Provide a frictionless pathway for delivering appropriate data to NBN Atlas.	By end March 2022.	Manx Bird Life	In progress. Reinforcement of Manx Biological Recording Partnership principles and issues with MWT to be addressed.	
Action 10: Continue to identify, and by 2018 prioritise and improve biodiversity knowledge through research and survey , especially the status and abundance of key species and priority habitats (as part of the development of Biodiversity Action Plans).						
10A	Re-start meetings of Biodiversity Action Plan (BAP) Leaders.	To assist and encourage the writing and implementation of BAPs. To enable any complete BAPs to be approved via the Wildlife Committee.	By end April 2021.	DEFA: Ecosystem Policy Team.	In progress. Meeting held April and Nov 2021; February 2022. First batch of BAPs to be finalised shortly.	
10B	Investigate opportunities for students at University College of Mann (UCM) to improve their knowledge of Manx biodiversity through research and survey training.	To train students to be able to identify and survey species. To inform students about Manx biodiversity and encourage them to conserve it by involving them in.	By end June 2021.	DEFA: Ecosystem Policy Team.	Not started. To be progressed in 2022/23 in partnership with Biosphere Isle of Man.	
10C	Decide which areas/species groups would benefit from survey in 2021. Contract specialists to undertake surveys within the limitations of the budget.	To increase knowledge of certain areas and/or species groups.	By end April 2021. (Dependent on Covid-19 border restrictions).	DEFA: Ecosystem Policy Team.	Ongoing. Bryophyte specialist surveyed sites in March 2022; Lichen specialist to survey in April/May 2022.	
10D	MWT to publish a Plants of Conservation Concern list.		By end March 2022.	Manx Wildlife Trust	Complete.	
10E	MWT to support, through the BAP Leaders Group, the publication of Red, Amber and Black (extinct) lists for other taxa.		Ongoing.	Manx Wildlife Trust	In progress.	

10F	Colour ringing of shags to begin. Shags are declining in numbers.		By end August 2021.	Manx National Heritage	Complete.	
10G	Publication (and adoption by DEFA) of Birds of Conservation Concern in the Isle of Man.	To provide an objective and shared sense of priority for species and habitat decisioning.	By end August 2021.	Manx Bird Life	Complete. MBL to approach DEFA for adoption.	
10H	Seek funding to maintain regular cycle of species censuses, in line with international programmes such as Statutory Conservation Agencies and RSPB Annual Breeding Birds Scheme (SCARABBS covering, for the Isle of Man: Hen Harrier, Chough and Peregrine) and Seabird Monitoring Programme surveys.	To ensure data is up-to-date, identify declines or gains as early as possible, enable comparisons of data and aggregation of knowledge across jurisdictions.	Ongoing.	Manx Bird Life	In progress/part complete. Hen Harrier Census underway for 2022. Chough Census moved to 2023.	
Action 11: Continue to improve training in ecological research and survey covering identification, conservation and sustainable use of biodiversity and engaging the wider community where possible.						
11A	Decide what training to support/organise/commission in 2021. Linking with off-Island specialists where necessary.	To improve training in ecological research and survey.	By end March 2022.	DEFA: Ecosystem Policy Team.	No training organised or financially supported by DEFA, but webinars attended.	
11B	MWT to run the following practical adult education courses this year: Basic Bird Identification, Wildlife Observer Course, Magnificent Meadows Course, Wildlife Gardening, Photography, Meet the Manxies. Wildlife Gardening and Wildlife Observer are certificate courses.		By end August 2021.	Manx Wildlife Trust	Complete.	
11C	MWT to run the Festival of the Sea.		By end August 2021.	Manx Wildlife Trust	Complete.	
11D	MWT to run a bug hunt at Tynwald Day.		By 5th July 2021.	Manx Wildlife Trust	Complete.	
11E	Supported the Invertebrate Group by helping procure microscopes through Lottery funding, continued storage of equipment and use of facilities when requested. Also use of facilities to Isle of Man Fungus Group for training events.		By end March 2022.	MNH	In progress. Microscopes bought.	
Action 12: Continue to identify areas for co-operation in research and survey with other parties to the CBD, especially islands, other UK Crown Dependencies, Overseas Territories, the UK and the Republic of Ireland.						
12A	MWT to continue to be active participants in the UK Overseas Territories Conservation Forum.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing, standing commitment.	
12B	MWT to present webinars for the Tri-Biosphere Initiative (combining the IOM and the Republic of Ireland Biospheres).		By end March 2022.	Manx Wildlife Trust	Complete.	
12C	MWT to continue to be a member of The Wildlife Trusts (TWT) comprising 46 different trusts across the UK, IOM and Channel Islands and as part of this co-operate in research and survey and information exchange.		By end March 2022.	Manx Wildlife Trust	Ongoing, standing commitment.	
12D	MWT to work with MNH to draft a Calf of Man Research Strategy 2021-2026 which outlines ambitions for research group and wider university collaborations.		By end March 2022.	Manx Wildlife Trust	In progress, nearing completion.	

12E	The Calf of Man is to join an international collaborative network of researchers that use the Motus Wildlife Tracking System to simultaneously track hundreds of individuals of numerous species of birds, bats and insects. The receiver was funded by the Curragh Wildlife Park Biodiversity Fund.		Ongoing.	Manx National Heritage	Ongoing.	
12F	Identify the key species for which IOM has a significant international responsibility, in line with BoCCIoM 2021 findings and share with DEFA/MNH/MWT and Biodiversity Action Plan Leaders.	To focus and facilitate funding on species where IOM can make a difference.	By end December 2021.	Manx Bird Life	First draft complete. Needs final consultation.	
Objective 4: Community engagement and understanding: By 2025 everyone will understand what biodiversity is, why it is important to our quality of life and will have been empowered to use it more sustainably.						
Action 13: By the end of 2015 put the Island forward as a UNESCO Biosphere Reserve .						
Biosphere status achieved in 2016.						
13A	As a member of the Biosphere Stakeholder Partnership Group and a Biosphere Partner, MWT will continue to actively promote the Biosphere within their work.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
Action 14: By 2016 develop and improve communication, education and public awareness of biodiversity, how it supports us (ecosystem services), how our lives and actions affect biodiversity, here and outside our territory and what we can do to conserve it.						
14A	Ongoing work: Regular postings on Biosphere social media channels; Press releases relating to perceptions of wildlife engaging behaviour and change; Press releases issued as topics/issues arise; Wildlife Week; Invasive Non-native Species (INNS) Week - messaging via social media, possible event.	To engage and inform the public. To increase the public's knowledge of wildlife issues and encourage biodiversity to be valued and respected.	Ongoing to March 2022.	DEFA: Ecosystem Policy Team	On going. Task to be continued in 2022/23.	
14B	Display stands and associated information leaflets to be made available at the Royal Agricultural Show stand.	To engage and inform the public. To increase the public's knowledge of wildlife issues and encourage biodiversity to be valued and respected.	By mid August 2021.	DEFA: Ecosystem Policy Team; Agriculture and Lands Directorate.	Complete.	
14C	Production of signage for Greeba Mountain & Central Hills ASSI.	To engage and inform the public. To increase the public's knowledge of wildlife and the role of protected sites.	By end March 2022.	DEFA: Ecosystem Policy Team	In progress but behind schedule. Currently with sign design company.	
14D	MWT will continue to be highly active on social media, including the Calf of Man Bird Observatory and heavily utilise a variety of communication channels (MWT website, Twitter, Instagram, Facebook, YouTube). MWT to run many public events and presentations.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
14E	At Castle Rushen, The Grove, Cregneash and Rushen Abbey new areas of perennial planting are to be established to create attractive 'pictorial meadows' to benefit pollinating insects. They will also act as an eye-catching demonstration area for the public.		By end June 2021	Manx National Heritage	Complete.	
14F	Two courses on dry stone walling to be held on the Calf.		By end August 2021	Manx National Heritage	Complete.	

14G	Two courses on bird watching to be held on the Calf.		By end August 2021	Manx National Heritage	Complete.	
14H	MNH to organise and promote Wildlife Week and lead some events.		3rd to 11th July 2021	Manx National Heritage	Complete.	
14I	The Post Office in collaboration with MNH is to launch a new set of stamps to publicise the wildlife of the Calf of Man.		Spring 2021	Manx National Heritage	Complete.	
Action 15: By 2017 further integrate biodiversity into school curricula at each education level.						
15A	Work on the tender for Biodiversity Education contract required from April 2021. Provision of Continued Professional Development sessions for teachers to be included.	To assist biodiversity education to continue within schools.	By end April 2021	DEFA: Ecosystem Policy Team.	Complete. Contract signed July 2021.	
15B	Work on the tender for the provision of Biodiversity Education Services for the 2022/23 year as per Financial Regulations.	To assist biodiversity education to continue within schools.	By end September 2021.	DEFA: Ecosystem Policy Team.	In progress. Tender to be advertised March 2022.	
15C	Ask Department of Education, Sport and Culture (DESC) what changes to the curricula have taken place since 2015 involving biodiversity.	To gauge whether biodiversity is being taught in primary schools.	By end September 2021.	DEFA: Ecosystem Policy Team.	In progress. Email sent. Follow up required in 2022/23.	
15D	Provide four biodiversity pop-up displays (protected species, protected sites, Endangered Species Act and Ayres National Nature Reserve) to secondary schools on rotation.	To educate students about Manx biodiversity and the Wildlife Act and the Endangered Species.	Ongoing to end March 2022.	DEFA: Ecosystem Policy Team.	On going. Displays at CRHS Dec 2020; QEII Oct 2021.	
15E	Make contact with biology/science secondary school teachers and offer to talk to students about biodiversity/provide resources.	To see whether there are opportunities to provide curriculum relevant information on Manx biodiversity.	Ongoing to end March 2022.	DEFA: Ecosystem Policy Team in partnership with Chair of BDG.	In progress. Initial enquiries made at one school.	
15F	Continue to supply books demonstrating Sustainable Development Goals to primary schools.	To inform primary school children about the Sustainable Development Goals and their importance.	By end March 2022.	DEFA: Ecosystem Policy Team (Biosphere Officers).	Ongoing. Two books awaited for distribution.	
15G	Consult DESC to ensure national curricula takes into account local biodiversity and associated concerns. Offer to provide materials for one or two lessons at Key Stage 3.	To assist biodiversity education to continue within schools.	Ongoing to end March 2022.	DEFA: Ecosystem Policy Team.	In progress.	
15H	MWT Education Officer to work with schools to deliver the environmental elements of the Manx curriculum fulfilling the Biodiversity Education contract with DESC and DEFA.		By end March 2022.	Manx Wildlife Trust	Ongoing.	
15I	MWT to work towards Onchan Primary School adopting Onchan Wetlands nature reserve as an education area.		By end March 2022.	Manx Wildlife Trust	In progress.	
15J	MWT and DEFA to continue to be a member of the Environment Educators Group consisting of all organisations who provide environmental education to schools.		Ongoing.	Manx Wildlife Trust; DEFA: Ecosystem Policy Team.	Ongoing.	
15K	MBL to continue to employ an Education Officer who works with primary (and secondary) age children.	Ensure continued provision through the ages.	Ongoing.	Manx Bird Life	Ongoing.	

15L	MBL through the Wildlife Educators Group, provide to input to curricula development.	Ensure curricula reflect real-world topics, science and learning objectives.	Ongoing.	Manx Bird Life	Ongoing.	
Action 16: By 2025 encourage all local businesses to take account of the local and global biodiversity impacts of their activities, and ensure they understand the need for and benefits of biodiversity conservation.						
16A	Biosphere programme of activities/training re circular economy and sustainability.	To encourage sustainable business practices.	Ongoing	DEFA: Ecosystem Policy Team (Biosphere Officers).	Complete.	
16B	MWT to undertake an internal carbon audit to explore how they can better understand, champion, advocate and deliver Nature Based Solutions. NBS are a core aim of The Wildlife Trusts and MWT.		By end March 2022.	MWT	In progress.	
16C	Manx Utilities commit, via their Business Plan and Environment Policy to establish an Environmental Management System, which will assess potential effects of biodiversity and seek to avoid or mitigate significant impacts of our operations and services. However, there are some specific examples e.g. How the water maintenance team manage the grassland areas at the reservoirs. They try to leave what they can so that wild habitats can flourish, but they balance this with operational safety and access requirements.		Ongoing to end March 2022.	Manx Utilities	Ongoing/on track.	
16D	Manx Utilities are a Biosphere Partner. Manx Utilities are Manx Wildlife Trust 'Supporters' and are currently discussing ways to support their work going forward.		Ongoing to end March 2022.	Manx Utilities	Ongoing/on track.	
16E	MU continue to work with local Commissioners and interest groups to understand and mitigate local concerns about sewage treatment processes and methods. MU have been undertaking regular briefings and meetings on this aspect of our work for two years and will continue this process as part of phase 2 of the Regional Sewerage Treatment Strategy.		Ongoing to end March 2022.	Manx Utilities	Ongoing/on track.	
Objective 5: Habitats and species: By 2025 all sites of critical importance for conservation of our biodiversity will be effectively protected and managed so that resident or migratory wildlife has adequate refuge to safeguard its future survival, recognising the challenge of climate change. To achieve this we will prevent loss of priority habitats, significantly reduce habitat degradation and fragmentation and, where appropriate, restore key species populations and priority habitats.						
Action 17: Site Protection actions: By 2025 we will appropriately conserve and manage 20% of land and inland water through statutory designations and other effective conservation management schemes.						
17A	Conclude the process started in November 2018 to designate Grenaby Garey ASSI. Minister to decide whether to confirm, vary or rescind the ASSI.	To increase the area of land under statutory protection.	Decision required before 19.04.21.	DEFA: Ecosystem Policy Team.	Completed. Statutory consultation period ended 19.02.21. Decision to confirm site made on 13.04.21.	
17B	Negotiate Management Agreements for land managers with land within Grenaby Garey ASSI.	To financially support positive management of the land.	By end March 2022.	DEFA: Ecosystem Policy Team.	Ongoing.	
17C	Progress designation of other sites if political approval granted.	To increase the area of land under statutory protection. To financially support positive management of the land.	Before end March 2022.	DEFA: Ecosystem Policy Team.	In progress. Marine Drive ASSI confirmed Sept 2021.	

17D	Assessment of what is included in 'other effective conservation schemes' is to be defined and integrated into the mapping project 'Nature Recovery Network' which is to form part of the Biosphere website.	To quantify land that is in effective conservation schemes.	By end December 2021.	DEFA: Ecosystem Policy Team and Manx Wildlife Trust.	Complete. Development of NRN to form task in 2022/23.	
17E	MWT will continue to manage 25 nature reserves (including two ASSIs and two statutory Bird Sanctuaries) comprising 136.77ha.		By end March 2022.	Manx Wildlife Trust	Ongoing.	
17F	MWT will invigorate the Manx Wildlife Sites System, which currently comprises 67 sites (1,229.65ha and 10.5km of coast), which play a vital role in the planning process.		By end March 2022.	Manx Wildlife Trust	Awaiting resumption.	
17G	A Management Plan for the Calf of Man is to be written to describe how the land is to be effectively managed.		By end March 2022.	Manx National Heritage	Draft complete. Draft plan to be discussed with stakeholders in November.	
17H	MNH as landowner of Maughold Head ASSI is continuing to prevent gorse encroaching on the grassland. Stock-proof fencing is to be replaced to enable the site to be grazed by a tenant farmer.		By end March 2022.	Manx National Heritage	Complete. Sheep grazing taking place.	
17I	MNH is re-evaluating the grass cutting regimes on each of the ancient monument sites to ensure that the wildlife interest of the sites are taken into account with the timing of the cutting. Many sites are species-rich grassland.		By end March 2022.	Manx National Heritage	Not started.	
17J	A new Management Plan for the MNH land within the Ballaugh Curragh Ramsar Site is to be drafted.		By end March 2022.	Manx National Heritage	In progress. Lichen survey commissioned by DEFA due early 2022.	
17K	Consideration is to be given as to the re-convening of the strategic Ballaugh Curragh Group consisting of the three main landowners (MNH/DEFA/MWT).		By end March 2022.	Manx National Heritage	Pending.	
17L	Work with DEFA to devise meaningful, holistic (lifecycle) protections within designated sites for breeding, feeding and roosting seabirds. Current protection is only when birds are breeding.	Effectiveness of designation per se is currently limited; designarion must mean protection. Adequate protections for birds are restricted to breeding period; protection must be holisitc, e.g. year-round and tailored to seasonal/lifelong behaviours.	By end March 2022.	Manx Bird Life	Not started.	
17M	Site protection is a core function regarding the supply of water. MU will continue to comply with exisiting legislation with regards to nature conservation designations.		Ongoing to end March 2022.	Manx Utilities	Complete.	
Action 18: By 2020 at least 10% of our marine ecosystem will be conserved through effectively managed, ecologically representative and well-connected protected areas and other effective area-based conservation measures.						
18A	MWT to continue to employ a full time Marine and Freshwater Officer who works closely with DEFA on MNR management. The is year projects include pea mussel and freshwater pearl mussel.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	

18B	Work with DEFA to devise meaningful, holistic (lifecycle) protections within designated marine areas for breeding, feeding and loafing seabirds.	Adequate protections for birds are restricted to breeding period; protection must be holistic, e.g. year-round and tailored to seasonal/lifelong behaviours	By end March 2022.	Manx Bird Life	Not started.	
See also action 7 re Cregneash.						
Action 19: From 2016, when assessing developments on or adjacent to protected sites, there will be increased consideration of biodiversity and environmental sustainability.						
19A	Complete the Biodiversity Planning Guidance document and provide to Policy & Strategy for approval, then arrange for Planning to post it on their webpages.	To inform applicants of how to take wildlife into consideration prior to seeking planning permission.	By end July 2021.	DEFA: Ecosystem Policy Team	On going - near complete.	
19B	Meet with DEFA Planning officers regarding Planning conditions and other biodiversity matters e.g. revision of planning application form.	To positively influence how wildlife is taken into account in Planning policy.	By end March 2022.	DEFA: Ecosystem Policy Team	Ongoing. Meeting held 05.11.20 and March 2022.	
19C	MNH to continue to assess planning applications for biodiversity issues.		By end March 2022.	Manx National Heritage	Ongoing.	
19D	Environmental Impact Assessments are a key aspect of development operations and this issue will also be a key aspect of the Environmental Management System under development. 'Call for sites' programmes for major projects include the consideration of potential impacts on or adjacent to protected sites.		Ongoing.	Manx Utilities	Complete.	
See also task 17F.						
Action 20: Continue to investigate and pilot landscape-scale initiatives to restore and conserve scarce or vulnerable habitats and their rare species and by 2025 improve ecosystem resilience to climate change.						
20A	Progress with the Action for Wildlife projects. See also task 22B.		Ongoing.	Manx Wildlife Trust	In progress.	
20B	MWT, as an active farmer, is to apply to the AES to showcase nature friendly farming on their nature reserves and the Calf of Man (which they tenant) to the agricultural community and public.		Ongoing.	Manx Wildlife Trust	Ongoing.	
20C	The Wildflowers of Mann (a partnership project between MWT and DEFA) work with Ramsey Forest is to progress further if the lease of Cloughbane plantation is offered by DEFA.		Ongoing.	Manx Wildlife Trust	In progress. Lease arranged.	
20D	Investigating the management of Ballaugh Curragh with MWT and possibly DEFA and Wildlife Park, and private landholders.		By end March 2022.	Manx National Heritage	In progress.	
20E	Work with DEFA and other NGOs to protect the Ayres ecosystem and to optimise biodiversity. For example explore the potential for a stewardship group. Exploratory conversations to take place before March.	Landscape-scale conservation requires integrated conservation planning by all parties.	By end March 2022.	Manx Bird Life	Not started.	

Action 21: Isle of Man Government will continue to promote a **policy of 'no net loss' for semi-natural Manx habitats and species** and ensure that unavoidable loss is replaced or effectively compensated for.

21A	Providing comments on planning applications listed weekly.	To raise any wildlife constraints on a site/within an application so that they can be mitigated.	Ongoing	DEFA: Ecosystem Policy Team (plus Fisheries?).	Ongoing.	
21B	Providing wildlife information and advice on developments at the pre-planning stage. Responding to search requests from advocates.	To flag up any wildlife matters on a site at an early stage so that the relevant surveys/mitigation can be undertaken.	Ongoing	DEFA: Ecosystem Policy Team	Ongoing.	
21C	Environmental Impact Assessments will be incorporated into their Environmental Management System (under development). MU require further understanding of the 'no net policy'.			Manx Utilities	Complete.	
21D	Where habitat loss is regrettably unavoidable due to the required location and criticality of the services we are legally obliged to provide, we will work with interested organisations to agree effective compensatory habitat replacement or re-intatement. Where this is not possible in the immediate locality it will be undertaken at suitable locations elsewhere on the Island.			Manx Utilities	Complete.	

See also tasks 7F & 7G.

Action 22: By the end of 2015 complete a **land use and terrestrial habitat assessment** to understand rates of habitat loss, use this information to help prioritise habitat and species conservation, through Biodiversity Action Plans, and consider how to monitor success.

22A	Arrange contract for the original contractor to produce a report of the work undertaken to make information usable/accessible.	To obtain an up to date Phase 1 habitat survey map (based on remote sensing data, not on the ground survey) to determine level of change/loss of habitats since original 1990s survey.	Commission by end Oct 2020.	DEFA: Ecosystem Policy Team.	In progress. Contract arranged and work started. Cost £3,850 from Partnerships budget. Update on work received March 2021. Not quite complete.	
22B	MWT will launch Action for Wildlife; a series of short, targeted actions towards conserving key Manx habitats and species.		By end March 2022.	Manx Wildlife Trust	In progress.	
22C	MWT to continue to undertake habitat and species monitoring on all of their reserves and the Calf of Man.		Ongoing standing commitment.	Manx Wildlife Trust	Ongoing.	

See also tasks 10D & 12D.

Action 23: By 2025 **restore** at least 16% of the area of degraded marine, freshwater and terrestrial ecosystems.

23A	Ongoing progression of catchment assessment and improvement/mitigation for the Neb and Laxey river catchments. Limited works progressing by DEFA due to budgetary constraints.	To enable appropriate management/ restoration of habitats.	By end March 2022.	DEFA: Environment Directorate; Agriculture and Lands; Climate Change Team.	In progress.	
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23B	MWT to work with MNH to take forward the Ballaugh Curragh restoration plan as an Action for Wildlife initiative.		By end March 2022.	Manx Wildlife Trust	In progress by MNH: MNH currently revising Management Plan for the site and considering Action for Wildlife proposal. On hold by MWT awaiting MNH response.	
23C	MWT to continue to implement the Action for Wildlife project on calcareous grasslands at disused quarries at Billown, one of which is Rosehill Quarry ASSI.		Ongoing.	Manx Wildlife Trust	In progress.	
23D	MWT to continue to work with MNH in the drafting of habitat management plans and twinned research strategies.		Ongoing.	Manx Wildlife Trust	In progress.	
23E	Secure funding and devise management plan for Point of Ayre wetlands.	Biodiversity restoration and enhancement.	By end March 2022.	Manx Bird Life	Ongoing/on track. Tier 1 funding achieved (securing medium term future of project) and initial Management Plan in place.	
23F	Following the 'Marine Nature Reserves - the 'Blue Beating Hearts of Biosphere' tri Biosphere webinar, we have been in contact with DEFA Fisheries and arranged a meeting to discuss ways we can support their work going forward.			Manx Utilities	Ongoing. Funding proposal to DEFA in celebration of the anniversary of the interconnector. Enabling surveys and contributed to the production of several Manx Nature Reserve leaflets and spotter sheets for for 2022 spring publication.	
Action 24: By the end of 2016 identify indicator species including migrants, as signs of environmental change, initiate monitoring and by 2020 initiate investigations into the reasons for any changes identified.						
24A	Review Curragh Environmental Consultancy's report on Biodiversity Indicators and agree what can be taken forward.	To determine which indicators are appropriate, practical and affordable to set up. To identify and use appropriately any data sets already established and actively recording.	By end June 2021	DEFA: Ecosystem Policy Team to circulate report; BDG to discuss and agree what can be taken forward.	In progress. Report circulated. No meetings held due to lack of time.	
24B	MWT to identify key Biodiversity Indicators to benchmark progress in our Nature Recovery Network and in the roll out of the Agri-environment Scheme.		By end October 2021.	Manx Wildlife Trust	Complete.	
See also task 10H re Birds of Conservation Concern.						
Action 25: Continue to target conservation action on key species and priority habitats through Biodiversity Action Plans.						

25A	Re-start Biodiversity Action Plan Leaders meetings.	To determine level of activity for BAP writing and implementation. To discuss and review purpose and need for BAPs.	By end April 2021	DEFA: Ecosystem Policy Team.	In progress. Meeting held April and Nov 2021; February 2022. First batch of BAPs to be finalised shortly.	
25B	Saltmarsh Biodiversity Action Plan to be written.			Manx National Heritage	Completed.	
25C	Mud flats Biodiversity Action Plan to be written.			Manx National Heritage	In progress.	
See also task 22B.						
Action 26: Continue to improve, maintain and enforce legislation for the protection of threatened species and habitats.						
Action 27: By 2025 identify genetically distinct species (and sub-species) of flora and fauna restricted to the Isle of Man (endemic), including domesticated plant varieties and animal breeds, and mitigate risks to them. Where a species is suspected to be endemic take precautionary measures to conserve it. Endemic wild plants and animals will be treated as key species (See Action 25).						
Action 28: Continue to improve the understanding of the value of ecosystem services to our economy.						
28A	Launch new Biosphere Vision and Strategy which joins together work promoting the 'Five Es' of Economy, Environment, Education, Enjoyment and Engagement.	To enable ecosystems services to be understood and valued more effectively.	By end March 2022.	DEFA: Ecosystem Policy Team (Biosphere Officers)	Complete. Launch held 30th June 2021.	
28B	MWT to develop a programme of Nature Based Solutions for the IOM.		By end March 2022.	Manx Wildlife Trust	Not started.	
28C	MWT to look to champion, support and deliver Nature Based Solutions through the Agri-environment Scheme as current contractor to DEFA.		By end March 2022.	Manx Wildlife Trust	Ongoing.	
Action 29: By 2025 undertake an audit of essential ecosystem services (many of which can not be quantified) and take action to maintain them.						
29A	MWT to continue research into upland peat to inform Nature Based Solutions work.		Ongoing.	Manx Wildlife Trust	Ongoing (50% complete).	
29B	MWT to undertake research into lowland peat (if funding is available) to inform Nature Based Solutions work.		By end March 2022.	Manx Wildlife Trust	Not started.	
29C	MWT to undertake an initial peat survey of the Calf of Man.		By end March 2022.	Manx Wildlife Trust	Not started.	
Action 30: By 2020 minimise further loss of carbon to the atmosphere from terrestrial, wetland and marine habitats, which form important carbon stores by restricting damaging practices.						
30A	Launch of Agri-environment Scheme that includes farmer initiatives to which farmers tenanted the DEFA estate may apply for funds for carbon capture works such as drain blocking/leaky dams.	To provide incentives to tenants on the DEFA estate to undertake works to capture carbon.	By end June 2021.	DEFA: Agriculture and Lands Directorate.	AES launched April 2021.	

30B	An assessment of Blue Carbon (carbon held in marine habitats). Consider how the management of the MNRs are/could minimise the loss of carbon from marine habitats. Climate Change Phase 1: No.5: Council of Ministers commits to increasing natural carbon capture opportunities, whilst protecting biodiversity and enhancing ecosystems, to help reach net zero by 2050. Action 5.7: Develop a comprehensive blue carbon management plan to maximise carbon sequestration and maintain and restore biodiversity and wider ecosystem services.	To inform the management of marine habitats to best conserve and maximise carbon.	by end March 2022.	DEFA: Ecosystem Policy Team & Sea Fisheries	On track. Two officers employed in Feb 2022 on one year contract. Steering Group set up. Contractors employed to undertake surveys.	
30C	MWT to work closely with DEFA to advise on peatland restoration at the Beinn y Phott former turbary and degraded ground at Snaefell.		By end March 2022.	Manx Wildlife Trust	Ongoing.	
30D	MWT to evaluate potential for blue carbon by expansion of seagrass and protecting the remaining and fragmented saltmarshes.		By end March 2022.	Manx Wildlife Trust	Not started.	
30E	MU consider this action to be fundamental to the Climate Change Action Plan. Major project site selection processes have been substantially revised to consider a wide range of social and environmental impact considerations. These include the assessment of the overall carbon footprint of the project over its operational life, initially considering periods of 25 and 50 years. This approach will seek to provide an effective selection criteria wherever possible under the overarching operational and financial constraints we operate under as a Board of Tynwald.		Ongoing.	Manx Utilities	Complete. Carbon accounting of potential development sites undertaken. It included consideration of carbon lost from habitats.	

Objective 6: Environmental risks: By 2025 Government will monitor, understand and substantially reduce the other main pressures on biodiversity, particularly environmental pollution and the prevalence of non-native invasive species, and will take measures to meet the biodiversity challenges posed by climate change.

Action 31: Continue and improve the **identification and monitoring of pollution** on high-risk land, in freshwater and marine habitats, minimising risks by effective legislation, facilities, incentives and sanctions.

31A	Mine remediation work at Cross Vein Mine in the Neb catchment. Limited trial works consisting of installation of heather bales in ditches to minimise run-off.	To minimise further pollution of the Neb catchment from mine workings.	By end March 2022.	DEFA: Agriculture & Lands Directorate; Ecosystem Policy Team.	Complete.	
31B	OSPAR monitoring programme to be devised.	To report to OSPAR.	By end March 2022.	DEFA: Ecosystem Policy Team & Environmental Protection Unit.	In progress. Sediment/biota samples were collected at end of 2021 for assessment against OSPAR parameters. A Management Plan has been drafted.	
31C	MWT Marine and Freshwater Officer to undertake a study of freshwater pea clams.		By end March 2022.	Manx Wildlife Trust	Complete.	
31D	MWT Marine and Freshwater Officer to undertake preparatory work on a survey of freshwater pearl mussels in the River Dhoo to determine whether the species is still present.		By end March 2022.	Manx Wildlife Trust	Complete.	
31E	MWT to continue to undertake regular monitoring of wetland nature reserves.		By end March 2022.	Manx Wildlife Trust	Ongoing.	

Action 32: By 2025 bring **pollution**, including diffuse pollution to levels which support healthy ecosystems and biodiversity.

32A	Implementation of the Water Pollution (Standards and Objectives) Scheme 2020 which was approved by Tynwald in December 2020 and covers environmental quality standards for inland and coastal water. Work includes collecting water samples for analysis at the Govt Lab and recording of freshwater invertebrates as indicators of water quality at specific locations. More information can be found at: https://www.gov.im/about-the-government/departments/environment-food-and-agriculture/environment-directorate/environmental-protection-unit/river-water-quality/	To monitor and improve water quality.	Ongoing to end March 2022 (working towards completion by 31st December 2025)	DEFA: Environmental Protection Unit.	On-going; routine river sampling continuing and assessment of additional parameters will be completed prior to the 31st December 2025 as stated in the scheme.	
32B	EPU to collect reference samples of invertebrates at sites picked for altitude, special distribution, bottom type, water quality and land use. The samples will be identified to species level and will assist in the development of an IOM specific River Invertebrate Classification Tool.	To develop a better method of interpreting the results of invertebrate samples in indicating water quality.	By end March 2022	DEFA: Environmental Protection Unit.	On-going; model is expected to be developed and in use in 2023.	
32C	The new Agri-environment Scheme due to be launched in April 2021 has a 'Catchment Management' option whereby farmers can receive a payment to fence off a wide buffer zone that they will not apply fertilisers, manure or slurry to.	To incentivise farmers to manage their land in an environmentally sensitive manner.	Launch of AES April 2021.	DEFA: Agriculture and Lands Directorate.	Complete. AES launched April 2021.	
32D	Consider whether there is anything in the Climate Change Action Plan with regard to pollution control/prevention.	To see whether the Climate Change plan will assist with the delivery of this action to reduce diffuse pollution.	By end April 2021.	DEFA: Ecosystem Policy Team / Environment Protection Unit	Not started.	
32E	MWT as current contracted delivery partner will support the roll out of the Agri-environment Scheme which has several approved initiatives to maintain and improve water quality.		By end March 2022.	Manx Wildlife Trust	Ongoing.	
32F	MU will continue to comply with existing legislation and commit via their Business Plan and Environment Policy to establish an Environmental Management System. This is a key objective of the operational teams, as it also assists with the provision of clean safe drinking water. For example the water teams who manage catchments and intakes to the reservoirs and inspect reservoirs on a daily basis.			Manx Utilities	Ongoing.	
Action 33: Invasive non-natives action: By the end of 2016 complete and begin implementing an Invasive Non-native Species Strategy and a Marine Biosecurity Plan.						
33A	Review and add guidance note to the Asian Hornet response plan.	To enable the Island to be prepared if Asian hornets are recorded.	By end June 2021.	DEFA: Ecosystem Policy Team	Ongoing. Regular liaison with British Irish Council partners in Asian Hornet Sub Group to improve knowledge and procedures. Response plan up to date	
33B	Complete the freshwater and terrestrial Invasive Non Native Species (INNS) strategy.	To ensure that the risk posed by freshwater and terrestrial INNS is recognised and there is a plan to prevent their entry to the Island and where possible, control or eradicate them.	By end July 2021 (or ideally by May 2021 in time for Invasive Species Week).	DEFA: Ecosystem Policy Team.	In progress. Freshwater INNS started.	

33C	Publish Marine Biosecurity Plan on DEFA website as part of new Invasive Non Native Species (INNS) web pages.	To ensure that the public are aware of INNS plans.	By end July 2021.	DEFA: Fisheries.	Complete.	
33D	Continue to advise DEFA Planning with regard to applications mentioning the use of schedule 8 invasive plants or cherry laurel in order to discourage planting or control existing species on site.	To prevent introduction of invasives and/or control existing invasives on site.	Ongoing	DEFA: Ecosystem Policy Team.	In progress.	
33E	MWT to continue to monitor for marine invasive species and distribute their booklet on marine invasive species identification.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
33F	MWT to support control of terrestrial non-native invasive species through the AES and an alliance with Friends of the Neb.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
33G	MWT, via their consultancy work, to continue to advise on non-native invasive species avoidance and control.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
33H	Identify the potential threats to native bird life from non-native species, and propose possible solutions. MBL to summarise where it's concerns lie.	Impact of alien species is now significant. Must troubleshoot potential problems early before it becomes difficult to act.	By end March 2022.	Manx Bird Life	In progress.	
Action 34: Climate challenge actions: By 2020 identify species and habitats most likely to be or already affected by climate change and start implementing appropriate adaptation measures.						
34A	To determine what work has been done within Professor Curran's IMPACT Report evidence.	To consider which species and habitats are most likely to be affected by climate change and decide how best to implement adaptation measures.	By end April 2021	DEFA: Ecosystem Policy Team.	Not started. On hold due to lack of officer time.	
34B	Undertake a botanical survey of Ramsey Mooragh Shore ASSI to assess the presence of rare species and if necessary instigate an action plan to prevent their loss in the event of further significant storm erosion.	To obtain an up to date species list for the ASSI to determine whether due to erosion the site is losing species diversity. To identify the location of rare species present on site and see whether they are at risk from erosion.	By end July 2021	DEFA: Ecosystem Policy Team to ask MWT to do this as part of Rare Species Action Plan.	In progress. Survey requested.	
34C	MWT partnership draft Calf of Man Research Strategy will set out climate-related research that could be undertaken on the Calf.		By end March 2022.	Manx Wildlife Trust	Nearly complete.	
Action 35: By 2025 ensure that no human activities contribute additional stress to vulnerable Island ecosystems already impacted by climate change or ocean acidification.						
35A	Future Fisheries Strategy takes into account harvesting of marine species and the sustainability of fisheries.	To promote sustainable fishery practices.	Ongoing	DEFA: Fisheries	Ongoing.	

35B	Report to be prepared to summarise current action being undertaken to ensure no human activities contribute to additional stress. [Notes: Forestry continue to cut fire breaks in heath so can contain spread of wildfires if they occur. DOI/DEFA updated oil pollution contingency plans. Agriculture & Forestry Directorate enforce Agricultural Development Scheme cross compliance with regard to slurry storage and silage run off, to protect rivers].	To identify what action is already being taken to ensure no human activities contribute additional stress on vulnerable Island ecosystems.	By end March 2022.	DEFA	Report not started, however we respond as issues are identified.	
35C	MU will look to improve their environmental performance and this will be an output from the Environmental Management System in development.		Ongoing.	Manx Utilities	Complete.	

Objective 7: Sustainability: By 2025, the Government will have ensured that policies are in place to promote the sustainable management of our land, freshwater and marine resources, including by means of traditional practices where these are compatible with biodiversity objectives, and taking due account of the need to conserve ecosystem services.

Action 36: General sustainability actions: By the end of 2016 identify the **local biodiversity which has economic, traditional or cultural value.**

36A	Issue a quick quote tender to identify a contractor to undertake a study to identify and assess the effect of foraging and to produce a foraging best practice code.	To assess the value (and possibly impact) of foraging to the Island.	By end March 2021.	DEFA: Ecosystem Policy Team.	Started but on hold.	
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Action 37: Continue to adopt **sustainable practices across government**, keeping up-to-date with new developments.

37A	Continue to engage with Sustainability Champions over the final drive for the implementation of the Government Single Use Plastic Reduction Plan.	To deliver the Plastics Plan.	Ongoing.	DEFA: Ecosystem Policy Team.	In progress.	
37B	Collaborate with Climate Change Team and Energy Policy Team to discuss delivery of sustainable practices across Government.	To encourage sustainable practices within Government.	Ongoing.	DEFA: Ecosystem Policy Team.	In progress.	

Action 38: Practise and promote sustainability in the following ways: By the end of 2016 develop and start monitoring **Biodiversity Indicators** for each objective of the Biodiversity Strategy and from 2017 use these for reporting on the Island and contributing to the UK's National Reports.

38A	Review Biodiversity Indicators report and take decision whether to use some/all of them (see Action 24). Look at how other Overseas Territories are reporting on indicators and the expectation for small islands to deliver the targets.	To determine which indicators are appropriate, practical and affordable to set up. To identify and use appropriately any data sets already established and actively recording.	By end June 2021.	DEFA: Ecosystem Policy Team.	In progress. Not progressed due to lack of officer time.	
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Action 39: By 2017 evaluate the need for **Environmental Impact Assessments** for terrestrial and marine developments to be embodied in law and by 2020 put forward legislation if necessary.

39A	MWT to continue to provide Preliminary Ecological Appraisals and Ecological Impact Assessments, along with details of protected species surveys and an Ecological Clerks of Works service for developments as part of their consultancy work.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
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Action 40: By 2020 promote **best practice and voluntary codes** to minimise impacts on the environment for all relevant land, freshwater and marine activities.

40A	Manx Bird Life website to promote all appropriate codes such as Birdwatcher's Code and Photographer's Code.	Increased pressure and abuses require improved education and information.		Manx Bird Life	Complete.	
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Action 41: By 2025 promote **responsible and sustainable production and consumption**, particularly as it benefits biodiversity here and worldwide, by providing information and advice on best practice, including sustainable procurement.

41A	Biosphere business engagement programme to promote responsible and sustainable production and consumption. Consider production of best practice guides.	To encourage businesses to be more sustainable.	Ongoing	DEFA: Ecosystem Policy Team	In progress. Biosphere student preparing 'Toolkit for sustainability'.	
41B	Reduction in use of single use plastics is actively encouraged via the Plastic Plans.	To reduce use of single use plastic, thereby benefitting the environment.	Ongoing	DEFA: Ecosystem Policy Team.	In progress. Plastic Free Business Scheme launched and in operation.	

Action 42: Marine management actions: By 2018 assess the viability of **Marine Stewardship Council accreditation** of all major Manx sea fisheries, with an aim of accreditation by 2020

Action 43: By 2025 demonstrate that all marine **fishing activity and aquaculture**, whether commercial or recreational, is sustainable based on the ecosystem approach (see Box 5).

43A	As Seasearch Co-ordinator, MWT to target surveys on areas with fishing activity and no fishing activity to inform future decision making.		Ongoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
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Action 44: Land management actions: By 2020 complete and start implementing a **sustainable forestry and woodland strategy** for government land, acknowledging recognised sustainable management standards.

44A	A sustainable forestry strategy to be drafted by MWT for DEFA.		By end August 2021.	Manx WildlifeTrust	Complete.	
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Action 45: By 2020 complete and start implementing a **sustainable uplands strategy**, acknowledging recognised sustainable management standards for these habitats.

Action 46: Traditional knowledge actions: By 2023 promote a greater understanding of importance and value of **sustainable traditional practices** of land, freshwater and sea use and management.

46A	MWT to continue to promote traditional agricultural management practices on their reserves, including traditional hay meadow management and willow coppicing where appropriate.		Onoing, standing commitment.	Manx Wildlife Trust	Ongoing.	
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See also action 7H re Cregneash.