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# **DPR11S2\1010**

## **Delivering biodiversity and human well-being gains for Montserrat's sustainable development**

To achieve sustainable development on Montserrat, consideration for the island's biodiversity must be at the heart of decision-making, planning and built-development. By 2026, the community will provide input into future planning and developments by: (1) bringing together voices that may not otherwise feed into public consultations; (2) creating a biodiversity and human-well-being toolkit for the community, physical planners and developers; (3) monitoring and evaluating outcomes for biodiversity and human well-being; (4) sharing outcomes with other UKOTs via existing knowledge-sharing networks.



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## Section 1 - Contact Details

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### PRIMARY APPLICANT DETAILS

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**Title** Mrs  
**Name** Catherine  
**Surname** Wensink  
**Organisation** UK Overseas Territories Conservation Forum

**Website (Work)** [REDACTED]  
**Tel (Mobile)** [REDACTED]  
**Email (Work)** [REDACTED]  
**Address** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### GMS ORGANISATION

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Type	Organisation
<b>Name</b>	UK Overseas Territories Conservation Forum
<b>Phone (Mobile)</b>	[REDACTED]
<b>Email (Work)</b>	[REDACTED]
<b>Website (Work)</b>	[REDACTED]
<b>Address</b>	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

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## Section 2 - Title & Summary

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### Q3. Project Title:

Delivering biodiversity and human well-being gains for Montserrat's sustainable development

### What was your Stage 1 reference number? e.g. DPR11S1\1123

DPR11S1/1047

### Q4. Summary of project

Please provide a brief summary of your project: the problem it is trying to address, its aims, and the key activities you plan to undertake.

Successful Darwin Plus Main projects in Round 11 must demonstrate substantial measurable outcomes in at least one of the themes of Darwin Plus either by the end of the project's implementation or via evidenced mechanisms for post-project delivery.

Preference will be given to discrete projects implementing existing identified environmental solutions on the ground.

The broad themes of Darwin Plus Main are:

- **Biodiversity:** improving and conserving biodiversity, and slowing or reversing biodiversity loss and degradation;
- **Climate change:** responding to, mitigating and adapting to climate change and its effects on the natural environment and local communities;
- **Environmental quality:** improving the condition and protection of the natural environment;
- **Capability and capacity building:** enhancing the capacity within OTs to support the environment in the short- and long-term.

**Please write this summary for a non-technical audience.**

To achieve sustainable development on Montserrat, consideration for the island’s biodiversity must be at the heart of decision-making, planning and built-development. By 2026, the community will provide input into future planning and developments by: (1) bringing together voices that may not otherwise feed into public consultations; (2) creating a biodiversity and human-well-being toolkit for the community, physical planners and developers; (3) monitoring and evaluating outcomes for biodiversity and human well-being; (4) sharing outcomes with other UKOTs via existing knowledge-sharing networks.

## Section 3 - UKOT(s), Dates & Budget Summary

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### Q5. UKOT(s)

**Which UK Overseas Territory(ies) will your project be working in?**

Montserrat

**\* if you have indicated a territory group with an asterisk, please give detail on which territories you are working on here:**

*No Response*

**In addition to the UKOTs you have indicated, will your project directly benefit any other Territories or country(ies)?**

Yes

**Please list below.**

UKOTCF is a federation of conservation bodies in the UKOTs. It provides opportunities to share ideas and knowledge exchanges across network in existence for over 30 years. It does this via its three regional working groups, newsletters, social media channels and conferences and workshops. There have been six conference and the seventh is due to take place in 2024. While there have been many projects focusing on invasive species in the last 15 years, there have been less on specifically addressing unsustainable development. The project will be shared with other UKOTs via the conference as it has particular relevance to several UKOTs in the region, but not limited to it. Other opportunities will be explored throughout the project.

### Q6. Project dates

Start date:	End date:	Duration (e.g. 2 years, 3 months):
01 April 2023	31 March 2026	3 years

### Q7. Budget summary

Year:	2023/24	2024/25	2025/26	Total request
<b>Amount:</b>	£156,201.00	£172,104.00	£157,681.00	<b>£</b> 485,986.00

## Q8. Proportion of Darwin Plus budget expected to be expended in UKOTs (%)

### Q9a. Do you have matched funding arrangements?

Yes

### What matched funding arrangements are proposed?

UKOTCF applied for a grant from the John Ellerman Foundation in September 2022. This will provide additional core support to UKOTCF, allowing it to provide more assistance to the project, as matched funding. Amount received would be [REDACTED] and would provide for a Conservation Officer to provide additional capacity in support of the project both fieldwork, administration and communications.

Several partners (e.g. Montserrat National Trust, UK Overseas Territories Conservation Forum) are also providing contributions to salaries and overheads in-kind. The level of in-kind support from Government of Montserrat will be recorded but is unclear at this stage. There will be significant amount of time provided by the local community. It is not our intention to record every such contribution, but we will certainly acknowledge this at every opportunity.

Through the contacts provided by the UKCEH, we are exploring add-ons, which are not incorporated into the logframe of activities but noteworthy.

## Q9b. Total confirmed & unconfirmed matched funding (£)

### Q9c. If you have a significant amount of unconfirmed matched funding, please clarify how you fund the project if you don't manage to secure this?

JEF is unconfirmed [REDACTED]. It is not included in unconfirmed matched funding in the spreadsheet as this creates errors, although it is included in the amount given in Q9b. It will enhance the support UKOTCF is able to provide. The project as it is will be achievable should the grant not be secured.

## Section 4 - Problem statement

### Q10. Problem the project is trying to address

**Please describe the problem your project is trying to address in the UKOTs, relating to at least one of the themes of Darwin Plus.**

**For example, what are the specific threats to the environment that the project will attempt to address? Why are they relevant, for whom? How did you identify these problems? How will your proposed project help? Please cite the evidence you are using to support your assessment of the problem (references can be listed in your additional attached PDF document).**

Land-use change is one of five main drivers of biodiversity loss (Díaz et al, 2019). For many UKOTs, including Montserrat, piecemeal development of land is seen as a major threat to biodiversity (UKOTCF, 2003-2021). For Montserrat, following the destruction of the largest town in the late 1990s volcanic eruption, development for housing is an ongoing necessity. Successive Island-plans have recognised Montserrat's natural resources as important assets in economic growth and sustainability, but, to date, there has been limited practical support or detailed guidance on how to integrate biodiversity conservation adequately into built-development practices. Since 2010 when the last island development plan was published, there has been an explosion of research linking biodiversity with human health and well-being (Gunevive, 2020; Hughes, J, 2018; White, M 2019).

Built-developments can provide an opportunity for biodiversity to flourish; however if not encouraged or widely promoted, they can result in localised biodiversity-loss (Pipers Pond infilling in 2014 which destroyed Montserrat's only functioning mangrove habitat) and accidental or deliberate introduction of non-native species that can ultimately become invasive (red fire ants introduced during construction of the airport post-2008), resulting in negative impacts on biodiversity and

ecosystems, human health and/or the economy.

Members of the leadership team within the Montserrat National Trust formulated the project idea. It recognises the role of the Montserrat National Trust (MNT) as guardian to the island's historical and natural assets. As a main information service and point of contact, MNT is bringing its knowledge and skills, and its partnerships worldwide, to provide a dedicated service to the community, through this project, which supports sustainable development but recognises that action for people and biodiversity is required. It is an important stakeholder in the Sustainable Development Plan (SDP) and Physical Development Plan (PDP) and sustainability on the island (e.g. it has one of the first public buildings to run on 100% renewable energy reducing its dependency on diesel generated energy).

MNT presented the idea in discussions with UKOTCF and UKCEH. The latter had some recent experience leading on a similar project in the UK.

Based on existing tools, the project supports developers and the community by providing practical ways to support sensitively constructed and landscaped developments in suitably selected areas tailored to Montserrat's unique environment.

Project outputs will provide a mechanism for the community to implement the objectives of the SDP&PDP, currently being updated in a way which acts for biodiversity and human well-being. It will extend the use of Montserrat's valued asset, the native plant nursery and developing on-island herbarium, ultimately to promote and conserve the value of endemic and native wildlife. This is important because native plant nurseries can reduce reliance on imports for landscaping in developments and contribute directly towards species conservation and education (Clubbe, 2010). The project will both use standardised baseline survey and build on emerging citizen-science recording to evaluate successes for biodiversity.

Adaptation of pre-existing tools developed elsewhere (e.g. UKCEH's biodiversity toolkit- attached as supplementary information) will understand Montserrat's needs, circumstances, economic challenges and unique biodiversity.

## Section 5 - Environmental Conventions, Treaties and Agreements

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### Q11. Environmental Conventions, Treaties and Agreements

**Please detail how your project will contribute to the aims of the national and/or international agreement(s) your project is targeting. What key OT Government priorities and themes will it address and how? You should also consider local, territory specific agreements and action plans here. Letters of support from UKOT Government partners/stakeholders should also make clear reference to the agreements/action plans your project is contributing towards.**

**Note: No additional significance will be ascribed for projects that report contributions to more than one agreement.**

#### BIODIVERSITY & SUSTAINABLE DEVELOPMENT

-Montserrat's Sustainable Development Plan and Physical Development Plan

The process for the updating the Sustainable Development Plan (SDP) began in November 2021. The project is timely as it can contribute towards its wider implementation. Project Partners (MNT, 664) have been involved in the process including workshops to formulate and steer the process and through this considered how they might drive forward sustainable development on island. The project delivers SDP objectives in the short, medium and long term. The Physical Development Plan (PDP), which supports the higher level objectives of the SDP is also being updated throughout 2022. MNT is a key stakeholder in this process and the project will ensure conserving biodiversity is a prerequisite for sustainable development through its engagement with the Planning and Development Authority, the PDP process and the community. A core objective of the PDP is "to set the framework for identifying appropriate land use to support planned economic and socially inclusive development while safeguarding the environment."

-United Nations Sustainable Development Goals (SDGs)

Results from the project can contribute to the following Goals and Indicators (with explanation):

Goal 3.9 Indicator 3.9.1 Baseline of ambient air pollution established (UKCEH/PhD tbc)

Goal 4.4 Indicator 4.4.1 Proportion of youth and adults with information and technology skills made possible through

project (MeiseBG/UKOTCF data scientist training and mentoring)

Goal 4.7 Indicator 4.7.1 Extent to which education for sustainable development can be mainstreamed (MNT/Work with Montserrat Community College and students)

Goal 4.b Indicator 4.b.1 Volume of scholarships by sector (UKOTCF by exploring links with Jersey International Centre for Advanced Studies (JICAS))

Goal 5.1 Indicator 5.1.1 promote, enforce and monitor equality and non discrimination (UKOTCF and all)

Goal 5.5 Indicator 5.5.2 Proportion of women in managerial positions (MNT&UKOTCF likely to be 100%)

Goal 11.4 Indicator 11.4.1 Spend on preservation, protection and conservation (approx £1/2m over 3 years, but with other linked projects likely to be higher).

Goal 12.8 As in 4.7

Goal 15.4 Indicator 15.4.2 (tentative) Mountain Green Cover Index (UKOTCF explore if appropriate)

Goal 15.9 Indicator 15.a.1 Spend on conservation and sustainable use of biodiversity and ecosystems (HMG £1/2m ODA with possible in-kind from Montserrat sources)

## BIODIVERSITY

- Montserrat's Conservation & Environmental Management Act (2014)

The Department of Environment will be supported to carry out its duties under the Act including providing information on the islands' biodiversity, information systems it can access and as a stakeholder in the project.

- Convention on Biological Diversity: (CBD; Aichi Target numbers):

Through toolkit promotion and take up it supports targets 1, 9, 11, 12, 14 and 19 to which the UK is a signatory (COP/10 /INF/12/Rev.1)

## OTHER

-By actively promoting options for developers that prevent human-induced extinction of endemic and native species through wildlife friendly landscaping, as one outcome, it addresses the UK Government's 25 Year Environment Plan Supports strategic aim (i) of the 2014 UK Government's plan for UKOTs.

-Implementing recommendation of 2019 Environmental Audit Committee Inquiry into Invasive Species including prescribed planting of native species- following principles of RBGK Declaration (2021).

## Section 6 - Method, Project Stakeholders, Gender, Change Expected, Pathway to Change & Exit Strategy

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### Q12. Methodology

**Describe the methods and approach you will use to achieve your intended Outcome and contribute towards your Impact. Provide information on:**

- How have you reflected on and incorporated evidence and lessons learnt from past and present activities and projects in the design of this project?
- The need for this work and a justification of your proposed approach.
- How you will undertake the work (materials and methods).
- How you will manage the work (roles and responsibilities, project management tools, etc.).

Reflecting on previous projects

In 2018, UKCEH received a UK Research Institute grant to develop a biodiversity toolkit (Botham, et al 2021) to help UK housing providers support wildlife and to help residents to engage with nature and wildlife recording. It provides a template for Montserrat where a mechanism for uptake and evaluating gains made to biodiversity and human well-being take it a step further. MNT will endorse the use of the toolkit and the additional resources created, thus ensuring the toolkit is embedded with the benefits outlined (e.g. encouraging native planting and reducing imports, decreased use of fertilizer and pesticide thus also reducing costs, and recommending time in nature to reduce stress etc).

Justification

Montserrat's previous Sustainable Development Plan (SDP) 2010-2020 (extended to 2022) aimed to increase housing

stock by 40%. The updated SDP is likely to have similar targets. Preliminary results from DPLUS155 shows private land on Montserrat is rich in native biodiversity, but invasive and introduced species are having an impact on plant and invertebrate assemblages. Guidance and information on practical ways to achieve more balanced habitats and connectivity is lacking (e.g. creating microhabitats for invertebrates and planting medicinal gardens). Without the project, development on Montserrat will remain is 'business as usual'. A recent opinion survey of school children, when asked about actions for nature, included comments such as: "stop cutting down trees, plant more plants, look after animals and plants". At present, no other facility or project that links stakeholders, land owners and native biodiversity where multiple benefits achieved. For example, endemic pribby, *Rondeletia buxifolia*, can be used for hedging and linked to time in nature e.g. regular cutting and tending/time outdoors.

The project uses a bottom-up approach, led by MNT, supported by the highest levels of the Government of Montserrat (see support letters).

Materials and methods and Roles and responsibilities

WP1 Creation of toolkit and linked resources, capacity building MNT  
Lead MNT & UKOTCF

WP1a Consultations and workshops organised and held  
Public workshops held and sessions with Monty's Messengers. Online forms (using e.g. Google forms) created to allow people to comment.

WP1b Draft toolkit created with feedback from workshops and online

WP1c Final toolkit designed, printed and published online

WP1d As part of capacity building to deliver planting prescriptions in the toolkit, Facilities at MNT enhanced, including: interpretation boards designed and installed and supply of healthy native plants grown onsite from seed-bank (with corresponding plant health and biosecurity checks) and records kept.

WP1e Community of local recorders enhanced  
Annual bioblitz undertaken to increase the number of biological records of species on the iNaturalist platform (Open Access with records, once verified being uploaded to the Global Biodiversity Information Facility). Trial in 2022 remarkably successful with >1500 records being submitted in four months.

WP2 Monitoring and evaluation of toolkit and other resources  
Lead MNT & UKCEH with support from all partners.

WP2a Ecological surveys through on-site visits by project team at trial sites to document and record (baselines and improvements)

WP2b Building on species lists and making information available online  
Species lists for animals and plants- updating species records (Young, 2016).

WP2c Training/information events organised and hosted by MNT to facilitate trialling of toolkit and associated tools  
- Bioblitz and iNaturalist information sessions with results published via blogs&posts  
- Organised tours of botanic gardens facilities for developers and public  
- Building capacity within MNT (e.g. data portal and on-site herbarium)

WP2d Exploring links with other research/researchers on MNT  
Link with other researchers e.g. new PhD student investigating air quality on Montserrat.

WP3 Support packages launched and widely promoted  
Lead MNT and 664

WP3a Stakeholder mapping analysis and communications plan created  
e.g. social media, MNT&MAHLE radio shows, assemblies, presentations, events.

WP3b Promoting bioblitz events and increasing iNaturalist records with an annual report



WP3c information and data portals launched e.g. exhibit showcasing links between nature, well-being through e.g. www.mylearning.org platform, GBIF hosted portal (or similar) to showcase biological records.

WP3d Education events with outputs including: kid's club badges, Youth Forum, Higher Education Events

WP3e Linked to WP1&2, a community survey to understand how well-being and connection to nature can be integrated into toolkit.

WP4 Overall project management  
Lead UKOTCF and MNT

WP4a M&E meetings held regularly  
See M&E plan. Tools are used such as WhatsApp, Zoom Google forms and Miro used.

WP4b Half year, yearly and end of project reporting  
Team members will feed in information on this quarterly through the project updates via M&E form- see attachment.

### Q13. Project Stakeholders

**Who are the stakeholders for this project and how have they been consulted (include local or host government support/engagement where relevant)? Briefly describe what support they will provide and how the project will engage with them.**

664 Connect

As a result of several years of hard work by senior personnel, the Montserrat National Trust is gaining talented personnel from other sectors- not just those with an environmental background. This Montserrat-based marketing company is well-connected, well-respected and engaged in activities across the organisation. They will conduct a stakeholder analysis and communications strategy as well as lead discussion on MNT's Heritage Radio station.

Government of Montserrat

-Ministry of Agriculture, Land, Housing and Environment

MNT works closely with personnel on many initiatives. The Minister has been consulted by the provision of a one-page summary which sets out the main objectives and activities. Their letter sets out support. MAHLE vibes radio programme will be used to communicate activities, events etc.

-Physical Planning Unit

The Chief Physical Planner's letter sets out support for the project. The Unit was consulted at Stage 1 by MNT with the idea of the project and a one-page concept note was sent between Stage 1 and 2.

The Governor's Office

They were consulted during the Stage 1-Stage 2 phase. A summary note was sent to them and they were asked to provide a letter of support which sets out how they will support the project.

MNT's kid's club Monty's Messengers

Discussion groups will take place during meet-ups which will inform the toolkit. MNT as local lead consults and liaises with the children (a vulnerable stakeholder group) and their parents in accordance with the Safeguarding policy.

### Q14. Gender equality

**All applicants must consider whether and how their project will contribute to reducing inequality between persons of different gender. Explain how your understanding of gender equality within the context your project, and how is it reflected in your plans. Please summarise how your project will contribute to reducing gender inequality. Applicants should, at a minimum, ensure proposals will not increase inequality and are encouraged to design interventions that proactively contribute to increased gender equality.**

On Montserrat, Men hold 60% of public-sector leadership/decision-making positions, but the private sector has a slight

female-lead (51%) [Country Gender Assessment, 2015]. Females have, historically and now, held the highest offices in the territory. Our team includes females who are highly skilled, well-respected and established leaders. They include the former Permanent Secretary & Deputy Governor of Montserrat; and former Deputy Premier and Minister of Education of Montserrat. We will publish project team profiles which demonstrates gender ratios and provide opportunities to showcase our female and young leaders.

The project includes young people in our work. MNT and UKOTCF have initiated a Higher Education Evening, which is planned to be an annual event hosted by MNT in Y1, Y2 and Y3 of the project. This offers an opportunity for all those working in the environment sector on island and in the regional, e.g. Antigua and Cayman, UK (including team members from several Darwin projects DPLUS105 Building capacity to make Montserrat a mountain chicken refuge, DPLUS106&155). Presenters outlined their route into conservation, education, experience and provided opportunities for internships etc. There was a balance in gender at 2022 launch and this provides a baseline (30 attendees: 24 women 6 men; including presenters: 8 women 3 men).

Activities for young children in MNT's kid's club are not divided into stereotypes, are gender neutral and are divided into what was appropriate for age, safety and behaviour. For example, dye on fabric using plants (tataki zome) for younger children and insect sampling and microscope work with older children. The kid's club helps meet the nine policy goals in Montserrat's National Youth Policy, including Goal 8 on Gender & Equality. Our indicator is to have at least 50% female participation in club activities.

Timings of meetings and events are will enable the project to be inclusive.

## Q15. Change expected

**Detail the expected changes this work will deliver. You should identify what will change and who will benefit a) in the short-term (i.e. during the life of the project) and b) in the long-term (after the project has ended) and the potential to scale the approach. Please describe the changes for the environment and, where relevant, for people in the OTs, and how they are linked.**

**When talking about how people will benefit, please remember to give details of who will benefit, differences in benefits by gender or other layers of diversity within stakeholders, and the number of beneficiaries expected. The number of communities is insufficient detail – number of households should be the largest unit used.**

Short- and long-term opportunities to implement targets as set out in Montserrat's Sustainable Development Plan and Physical Development Plan will be created. There is ambition to provide for the islands' natural assets as well as maintaining traditional knowledge, but limited detailed information on how this can be done in practice on Montserrat. Project outputs will allow free and informed decisions about sustainability to take place in the community.

For young people, decisions made now will impact them in the future. In the short-term, the project provides a way for them to be empowered to be part of sustainable development, particularly with the MNT as a stakeholder in the implementing the Sustainable Development Physical Development Plans and through their programme of activities in the kid's club. Their involvement will shape the support made available through the project and can be positive influences to make changes necessary now for the future we can expect. It will meet a number of Sustainable Development Goals and be an opportunity to highlight these.

More biological records will be available through embedding citizen science into annual events within the MNT as a way to increase species records to help monitor the island's biodiversity and foster appreciation for it. Through the mentoring of a MNT data processor, via the Meise Botanic Garden informatics sections capacity on-island will be enhanced.

The toolkit available online and locally (both as a framework in Y1; trialled in Y2 and finalised on Y3) and provision of other materials provides a basis for action. Evaluation of the success of the outputs of the project in the short-medium term will be possible through the evaluation process set up .

Capacity within MNT is increased with a local herbarium, a strong native-plant nursery, with biosecurity measures in place, utilised by developers and land-owners to improve biodiversity and human well-being on built-development sites.

Training and information sessions for the local community on aspects such as native and invasive plant species related to other native wildlife will provide learning opportunities which can in the medium term lead to a greater awareness of the actions community members can take.

In the long-term, the project can provide information on how a well-informed and engaged public leads to support for endemic and native species. It will embed messages such as "why is it important to have biological records; to monitor biodiversity and to undertake actions which help to protect it?" It will generate more biological recorders and early career or voluntary conservationists via its work as part of the annual Higher Education Evening supported by the Ministry of Education, the Montserrat Community College, Governor's Office, and other local and regional partners.

From a human health point of view, it highlights the importance of human well-being and how native biodiversity can

contribute towards it. Resilience to the impacts of climate-change increased and provides nature-based solutions to overcome health challenges.

The potential to scale this work is vast. UKOTCF aims to organise a UKOT conference in Y1Q4 and will showcase it.

## Q16. Pathway to change

**Please outline your project's expected pathway to change. This should be an overview of the overall project logic and outline why and how you expect your Outputs to contribute towards your overall Outcome and, longer term, your expected Impact.**

A Theory of Change document attached separately as a pdf.

By empowering the community to implement the Sustainable Development Plan in a practical and achievable way, the Montserrat National Trust will be able to support the island's ambition to protect its biodiversity and reduce biodiversity loss, as set out in Montserrat's Conservation Act. It will enable Montserrat to meet a number of Sustainable Development Goals, which will have a lasting impact on the community.

During the project, the community will work with the Montserrat National Trust to put forward practical and achievable actions for the islands' biodiversity and for improving human well-being (fed into the toolkit framework in OUTPUT 1 WP1) and monitor their success (by trialling it in OUTPUT 2 WP2).

By communicating the toolkit, other outputs developed during the project (education materials, biological records etc) (in OUTPUT 3 WP3) and undertaking project activities, species and habitats will be protected and the quality of green spaces all around Montserrat for wildlife and human well-being will be improved (including knowledge of traditional plant medicines) with take up by the community endorsed by the Montserrat National Trust.

## Q17. Exit Strategy

**How will the project reach a sustainable point and continue to deliver benefits post-funding? Will the activities require funding and support from other sources, or will they be mainstreamed in to "business as usual"? How will the required knowledge and skills remain available to sustain the benefits? If relevant, how will your approach be scaled?**

There will be a wealth of materials available beyond the project end. Their use will be open-ended and will extend beyond this project.

Webpages created will be mirrored on UKOTCF and MNT and developed free-online versions developed through the project, such as MyLearning platform. Biological records added to iNaturalist and ultimately the Global Biodiversity Facility free online platforms will be used.

The toolkit will be published to an online platform such as Zenodo or Figshare which will use a DOI to enable visibility for the output beyond the project end.

There will be a significant investment in people; this is not limited to staff. It invests in the community, particularly young people to become involved in issues relating to sustainable development and the contribution biodiversity and well-being can make to it.





Enthusiastic, engaged and driven champions will help to drive the project beyond its end. Endorsements by the MNT will carry through the mindset that communities can act and show results but also benefit themselves through well-being gains. These 'toolkit champions' will be Montserratian, will be part of the process so they understand the origins, learning opportunities and ways in which the project can be self-managing beyond the project end.

The MNT is growing and creating opportunities for people to be directly involved in their missions. This growth will continue throughout the project through workshops, public events and training sessions, but will always be supported by UKOTCF when requested.





The toolkit can be a template for other UKOTs. It is addressing a huge global challenge and is an attempt to get away from "business as usual" driven by the community.

**If necessary, please provide supporting documentation e.g. maps, diagrams, references etc., as a PDF using the File Upload below:**





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 [Theory of Change MNTUKOTCFUKCEH FINAL](#)  
 17/10/2022  
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 [References](#)  
 17/10/2022  
 19:43:35  
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 [3-month Management report](#)  
 17/10/2022  
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 [biodiversity-toolkit-005- final anna 03022021](#)  
 12/10/2022  
 12:38:49  
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## Section 7 - Risk Management

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### Q18. Risk Management

Please outline the 6 key risks to achievement of your Project Outcome and how these risks will be managed and mitigated, referring to the [Risk Guidance](#). This should include at least one Fiduciary, one Safeguarding, and one Delivery Chain Risk.

Projects should also draft their initial risk register using the [Risk Register Template](#) provided, and be prepared to submit this when requested if they are recommended for funding. Do not attach this to your application.

Risk Description	Impact	Prob.	Inherent Risk	Mitigation	Residual Risk
<b>Fiduciary (Financial)</b> Funding not used as per the budget in each financial year and lost or un-utilized. Linked to this are the impacts of fluctuations in value of pound compared to US and EC\$ and unexpected costs.	< 80 %	< 5 %	< 20 %	Regular reconciliation of project items between core team MNT, UKOTCF and UKCEH. Experience in working in £ but costing in \$ reduces unexpected costs incurred and experience of shipping and freight processes	< 5 %
<b>Safeguarding</b> Some activities involve young people (a vulnerable group). These are group activities and heavily supervised by MNT staff and parent volunteers. There are no one-on-one activities. Risk assessments with the supervisors are carried out in advance of group activities and precautions with equipment are taken.	< 20 %	< 5 %	< 5 %	Safeguarding policy in place with mechanism for reporting.  Ethics review in Y1Q1&2.  Equipment is monitored for safety before use and risk of damage or harm is assessed.  We will conduct a project ethics review which is relevant in the Montserrat context and ensure GDPR compliancy taking into consideration Montserrat's context.	< 5 %

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<b>Delivery Chain</b>	< 80 %	< 20 %	< 20 %	We work with Adopt a Home and have seen its expansion beyond resources. The toolkit can be used by those on wider list to implement themselves- the team will discuss this with them and provide support very early on to ensure this residual risk close to 0% as possible.	< 20 %
No toolkit uptake by any developers during the project					
<b>Risk 4</b>	< 80 %	< 20 %	< 20 %	Timing will be key to delivering this project. Evidence suggests that prior engagement and promotion of events and timings of them leads to larger turn out. If audience is general discussion on how to develop the toolkit it may be suitable for planners, developers, during day but others in evening	< 5 %
Lack of attendance at workshops or consultations					
<b>Risk 5</b>	< 80 %	< 40 %	< 20 %	Through testing the toolkit at trial locations we will gain a practical understanding of what is achievable on Montserrat at appropriate scales. The project's overall aim is to empower the community in terms of knowledge and experience so that they can develop sustainably. Good examples and best practice shared	< 20 %
Development is damaging to environment and important habitats are impacted during the life of the project					
<b>Risk 6</b>	< 60 %	< 25 %	< 20 %	We have a strong and extended project team, which have closely worked together over the last 5 years. Through regular catch ups and early warning as to staff changes, we will ensure maximum opportunity to re-allocate project deliverables as needed	< 20 %
Team members leave during project and have to be replaced.					

## Section 8 - Implementation Timetable


### Q19. Provide a project implementation timetable that shows the key milestones in project activities

Provide a project implementation timetable that shows the key milestones in project activities. Complete the Word template as appropriate to describe the intended workplan for your project.

[Implementation Timetable Template](#)


Please add/remove columns to reflect the length of your project. For each activity (add/remove rows as appropriate) indicate the number of months it will last, and fill/shade only the quarters in which an activity will be carried out.

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 [DPR11ST2-1010-Implementation-Timetable-UKOTCF](#)

[MNT\\_UKCEHFINAL](#)

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## Section 9 - Monitoring and Evaluation (M&E)

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### Q20. Monitoring and evaluation (M&E) plan

**Describe how the progress of the project will be monitored and evaluated, making reference to who is responsible for the project's M&E.**

**Darwin Plus projects will need to be adaptive and you should detail how the monitoring and evaluation will feed into the delivery of the project including its management. M&E is expected to be built into the project and not an 'add' on. It is as important to measure for negative impacts as it is for positive impact. Additionally, please indicate an approximate budget and level of effort (person days) to be spent on M&E. For more information, see [Finance Guidance](#).**

M&E will be a continuous process throughout the project. ██████████ of the project budget has been allocated (approx.100 days).

The Project Lead will be responsible for overall project management. To facilitate the gathering of information with regards to project activities and outputs the work proposed has been divided into four Work Packages (as described in the method and materials section). For each work package there will be a lead (as described in project team section) who will oversee the management of their individual activities, within the listed indicators. For example; UKCEH will lead on WP2; supported by several other partners. They will collate information and feeding back to the Project Lead every 3 months.

The project team, consisting of WP leads will monitor project progress based on indicators and outputs by providing a report using SOFT assessments (Success, Opportunities, Failures, Threats). These will be reviewed at regular intervals. Wider team meetings will take place as necessary.

The lay-out of the monitoring and evaluation (M&E) plan will be based on timings of delivering the of measurable indicators as outlined in the project logframe. This provides a platform for all team leads to regularly review the logframe. A template is attached as a Word document. Previously, team members have found this to be a most effective way to draw out information and eliminate problems with formatting, version control, access etc. The M&E plan informed by the Logframe and Implementation plan will be regularly updated and compiled into one document by the Project Leader and shared with the team.

The project team will meet virtually, via e.g. Zoom, each month in Y1 and as necessary in Y2 and Y3 to review project progress towards meeting the indicators for each output and to address issues raised in SOFT reports and how these have been addressed. Progress will be reviewed with respect to surveys, training needs, the drafting of the toolkit framework and feeding in results of consultations.

All meetings will allow identifying challenges or difficulties to be identified, while progress reports integrate project activities and allow feedback from stakeholders.

All formal meetings will have an agenda, minutes with actions.

The team will maintain regular communications via email / telephone and WhatsApp / Zoom outside of the above listed framework.

Risk register: Overseen by project lead with input from project team as appropriate.

The risk register will be updated regularly or as issues arise.

Half-Year and Annual Reports and the Final report will bring together all the information in the M&E reports. This approach will ensure that not all M&E rests on one person and that it is very much a team effort and that it is continuous throughout the project. 12 management reports will be produced, which we refer to as 3-month management reports over the course of the project. This feeds into 3 half year, 2 full year and one end of project report to be submitted.

Given the project teams research interests, a draft journal paper will document learning process throughout.

Total project budget for M&E in GBP (this may include Staff, Travel and Subsistence costs) ██████████

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Percentage of total project budget set aside for M&E (%) █

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Number of days planned for M&E 100

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## Section 10 - Logical Framework

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### Q21. Logical Framework (logframe)

Darwin Plus projects will be required to monitor and report against their progress towards their Outputs and Outcome. This section sets out the expected Outputs and Outcome of your project, how you expect to measure progress against these and how we can verify this.

#### Stage 2 Logframe Template

The **logframe template** (N.B. there is a different template for Stage 1 and Stage 2) needs to be downloaded from Flexi-Grant, completed and uploaded as a PDF within your Flexi-Grant application – **please do not edit the logframe template structure (other than adding additional Outputs if needed) as this may make your application ineligible**. On the application form, you will be asked to copy the Impact, Outcome and Output statements and activities - these should be the same as in your uploaded logframe.

#### **Please upload your logframe as a PDF document.**

 [DPR11ST2-1010-Logical-Framework-UKOTCF MNT UK CEHFINAL](#)  
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#### **Impact:**

In 2026, Montserratian community empowered to support biodiversity and improve well-being based on island knowledge and experience. Tailored practical solutions created and shared widely, ensuring the islands' sustainable development.

#### **Outcome:**

By 2026, key Sustainable Development Goals achieved successfully through creation and use of community-led tools which integrate protection of biodiversity and ensure improved human well-being in the islands' physical development.

### Project Outputs

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#### **Output 1:**

Biodiversity and human well-being integrated into sustainable development with creation of toolkit and linked resources, capacity building for the Montserrat National Trust and its community partners, native plant nursery facilities extended and increased island-wide biological recording and monitoring.

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#### **Output 2:**

Monitoring and Evaluation of use of toolkit and other linked resources by community to drive integration of biodiversity and human well-being into sustainable development

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#### **Output 3:**

Opportunities created to communicate, promote and celebrate toolkit and linked resources to support integration of biodiversity and human well-being into sustainable development

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**Output 4:**

No Response

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**Output 5:**

No Response

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**Do you require more Output fields?**

**It is advised to have fewer than 6 Outputs since this level of detail can be provided at the Activity level.**

No

**Activities**

**Each activity is numbered according to the Output that it will contribute towards, for example, 1.1, 1.2, 1.3 are contributing to Output 1.**

1 Biodiversity and human well-being integrated into sustainable development with creation of toolkit and linked resources, capacity building for the Montserrat National Trust and its community partners, native plant nursery facilities extended and increased island-wide biological recording and monitoring.

1.1 Biodiversity and human well-being toolkit developed informed by consultations with local community

1.1.1 Project team assembled and series of introductory meetings undertaken via Zoom

1.1.2 Framework toolkit drafted for consultation

1.1.3 Stakeholder-groups provide input and feedback gathered via:

1.1.3.1 Developers and physical planners focus group-meetings feedback;

1.1.3.2 MNT's kids' club: interactive sessions held creating a vision for Montserrat for their future

-Creation of activity book- e.g. colouring, recording species, storytelling oral histories, on all aspects of biodiversity, human-well-being and sustainable development (e.g. via Google Arts & Culture)

-Creation of an online- free platform space (MyLearning) so that results of children and young people's ideas and contribution are accessible

1.1.4 Interim toolkit draft published online informed by above

1.1.5 Final toolkit sent to designer Field Studies Council for lay out

1.1.6 Final toolkit published online with supporting materials and project outputs

1.2 Extending provision of MNT and its' Botanic Garden to support sustainable development

1.2.1 Plant species lists created including endemics, naturalised non-invasive species, food items and medicinal plants

1.2.2 Species lists created on native insects created with fact sheets drafted on preferred micro-habits it's possible to re-create

1.2.3 Supplies of plant species grown and available for subsidised purchase to toolkit up-takers

1.2.4 Interactive education materials developed to provide a journey from past, present to future for the island's biodiversity.

1.2.5 Demonstration areas & herbarium development to provide space for knowledge transfer through generations.

1.2.6 Online-free tools for sharing biological information (e.g. plants, invertebrates) created which provides information to public in Montserrat, the regional and internationally

1.3 Enhancing and evaluating biological records for Montserrat through a community of wildlife data-recorders

1.3.1 Annual 'bioblitz' training materials prepared and introduction sessions organised and delivered

1.3.2 Bioblitz event organised promoted and delivered

1.3.3 New records collected submitted to the iNaturalist platform as part of 'bioblitz' events.

1.3.4 Prizes (e.g. free native plants) for most records awarded (excluding project team)

1.3.5 Summary report on 'bioblitz' published online shortly after annual event with results.

2 Monitoring and Evaluation of use of toolkit and other linked resources by community to drive integration of biodiversity and human well-being into sustainable development

2.1 Toolkit trialled at several locations and the process to evaluate success for biodiversity and human well-being established

2.1.1 Locations identified for trial sites

2.1.2 Baseline ecological surveys at trial sites documenting key features such as existing native trees preferred by native pollinators (many insects) /opportunities e.g. hedging with endemic shrub, *Rondeletia buxifolia*



- 2.1.3 Consultations undertaken with those trialling toolkit to feed into process
- 2.1.4 Records of toolkit use and successes at trail sites logged
- 2.1.5 System to evaluate uptake of the toolkit established and integrated with MNT record management systems.
- 2.2 Additional capacity and facilities at MNT and its Botanic Garden with opportunities for young people
  - 2.2.1 Assistants and volunteers recruited to provide additional capacity keeping records on (1) species checklists provided to developers, (2) plants provided to new developers/landscapers.
  - 2.2.2 Interpretation created in garden and online so that visitors will be able to follow the journey of a plant from the herbarium and oral histories (how was / is it used) and then see and smell the plant in the garden and purchase them as outlined in the toolkit
  - 2.2.3 'How to' created on how to set up biodiversity and well-being space using results of toolkit consultations, species lists, local context etc.
- 3. Opportunities created to communicate, promote and celebrate toolkit and linked resources to support integration of biodiversity and human well-being into sustainable development
  - 3.1 Stakeholder mapping and communications plan developed and implemented promoting results locally, regionally and internationally with stakeholders.
  - 3.2 Series of public information events and stakeholder workshops take place to feed into framework toolkit and promote it
    - 3.2.1 Public launch of project at Montserrat National Trust livestreamed on Facebook and recorded.
    - 3.2.2 Public workshops take place to feed into creation of toolkit (with opportunities to input online also)
    - 3.2.3 MNT's kid's club workshops take place and feed into creation of toolkit
    - 3.2.4 MNT explore joining YUNGA to create Biodiversity badge for Montserrat
    - 3.2.5 Consultation on creation of Youth Forum for Biodiversity (ages 16-18) investigated
    - 3.2.6 MNT organise training events at botanic garden for developers and interested persons on native wildlife, landscaping and facility tour
    - 3.2.7 Public launch of toolkit at Montserrat National Trust livestreamed on Facebook and recorded.
    - 3.2.8 Presentation given and available online promoting toolkit to other UKOTs via UKOTCF long established seminar/conference series.
    - 3.2.9 Paper drafted on public participation in creation of toolkit- lessons learned

## Section 11 - Budget and Funding

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### Q22. Budget

**Please complete the template below which provides the Budget for this application. Some of the questions earlier and below refer to the information in this spreadsheet.**

Budget form for projects over £100k


**Please ensure you include any co-financing figures in the Budget spreadsheet to clarify the full budget required to deliver this project.**

**NB: Please state all costs by financial year (1 April to 31 March) and in GBP. Darwin Plus cannot agree any increase in grants once awarded.**


**Please upload the Lead Partner's financial accounts at the certification page at the end of the application form.**

**Please upload your completed Darwin Plus Budget Form Excel spreadsheet using the field below.**

 BCF-Budget UKOTCF221017\_FINAL

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## Q23. Funding

### Q23a. Is this a new initiative or a development of existing work?

New Initiative

#### Please provide details:

This is a new initiative, however it does make best use of some of the following:

As outlined the toolkit developed for Housing Authorities in the UK (attached as pdf file)

DPLUS155 has initiated the creation of species lists of native, non-native and introduced plants and invertebrates lists on land around Montserrat which forms part of a network of community protected areas or "Other Area-based Effective Conservation Measures".

A project called Hidden Histories (ending march 2023) funded by UK Research Institutes (Arts and Humanities and National Environmental Councils) has galvanised and built up expertise on island building and capturing traditional knowledge of medicinal plants; id, herbarium creation. Some members of the project team have been involved in both projects.

This new initiative brings several teams together creating a 'super-team' which is greater than the sum of its parts and makes best use of all the expertise both on Montserrat and elsewhere. It has reached out to organisations that have done related work in order to build but not to duplicate or take credit for other peoples work.

### Q23b. Are you aware of any other individuals/organisations/projects carrying out or applying for funding for similar work?

Yes

#### Please give details explaining similarities and differences, and explaining how your work will be additional and what attempts have been/will be made to co-operate with and learn lessons from such work for mutual benefits:

UKOTCF keeps a watching brief on activities carried out in the UKOTs through its three regional working groups, which meet quarterly where possible. This is useful to enable it to understand the challenges and constraints of conservationists working in the UKOTs, but also what they are working on. It is quite remarkable to see how effective the UKOTs are in using expertise from around the world to support their work when they need it. It also helps to identify suitable persons to work in territory with experience or knowledge.

Partners, UKCEH, have made use of working groups and UKOTCF's conferences and workshops. They have shared many outputs and results from previous projects in the groups. In this way, UKOTCF does have a grasp on past, present and future work. For example, the project started in 2022 looking at citizen science tools has some potential useful outputs, via the links with UKCEH we will learn more about the work being done across the other UKOTs:

<https://dplus.darwininitiative.org.uk/project/DPLUS175/>

## Q24. Balance of budget spend

**Defra are keen to see as much Darwin Plus funding as possible directly benefiting OT communities and economies. While it is appreciated that this is not always possible every effort should be made for funds to remain in-Territory.**

**Explain the thinking behind your budget in terms of where Darwin Plus funds will be spent. What benefits will the Territory/ies see from your budget? What level of the award do you expect will be spent locally? Please explain the decisions behind any Darwin Plus funding that will not be spent locally and how those costs are important for the project.**

Overall, ██████ of the overall budget will be spent on Montserrat.

Wherever possible Darwin Funds are being used to make possible ideas identified by the Montserrat National Trust. They will provide the necessary staff costs needed for the Trust as discussed with MNT and UKOTCF.

There are additional costs included which will be spent outside of Montserrat. The justification for the other 48% is the remote working of several technical specialists including from partners, however, it should be noted that these are split between five organisations: UKOTCF, UKCEH, Leeds Museum and Galleries, Meise Botanic Garden, Belgium and the Species Survival Trust. All these partners are providing important in support of the Trust and the local knowledge they have, providing tools and approaches which have been proven elsewhere. They have existing working relationships and have had time to explore how all their experience and technical expertise can fit together in order to meet requests put forward by the MNT. Any exchange of knowledge will benefit the team at the Trust, particularly those younger members of the team.

## Q25. Capital items

**If you plan to purchase capital items with Darwin Plus funding, please indicate what you anticipate will happen to the items following project end. If you are requesting more than 10% capital costs, please provide your justification here.**

All capital equipment items secured with Darwin Plus funding will be owned by the Montserrat National Trust and remain on Montserrat following the project end. They will be kept securely by the Trust and maintained regularly to ensure they are in good working order and safe to use.

Conditions on Montserrat mean that capital items have to be carefully considered due to heat and humidity. This is factored into purchasing items in terms of quality and durability. MNT and UKOTCF have experience in shipping and purchasing equipment to Montserrat and will draw on this accordingly.

There is an opportunity to include Darwin logos on such items should this be appropriate and feasible; although not mandatory as per grant guidelines.

Overall, the project is not seeking more than 10% spend on capital costs and it does not form a large proportion of the anticipated spend.

## Q26. Value for Money

**Please describe why you consider your application to be good value for money including justification of why the measures you will adopt will secure value for money.**

The budget prepared is realistic and takes into account insofar as is possible, rises in costs through to 2026. Expenditure relates to activities associated with this project only.

UKOTCF will lead on finance and administration. It reconciles project costs on a monthly basis and reviews project finances (actuals v's budgets) on a quarterly basis.

All costs have been considered carefully, particularly personnel needed to ensure that the outcome is achieved. There is a range of staff required across multiple disciplines including: managers, ecologists, administrators, data scientists, educators, historians, social scientists. This is reflected in the project staff costs, carefully calculated to be realistic and demonstrate good forward planning to make good use of time and limit costs.

It makes use of knowledge the Trust is currently building up in other projects (DPLUS155, UKRIAH/W008998/1)

Throughout activities, UKOTCF/collaborators provide specialist-time, and a wealth of specialist expertise including technical specialist (Meise Botanic Gardens who have established good links with Royal Botanic Gardens so as not to duplicate any work they have done previously; and the Species Survival Trust who are working closely with St Helena and Ascension on a number of projects focussed on invertebrate conservation). Coordinating such a varied team will be done through remote-communication tools (e.g. Zoom) wherever possible to minimise costs.

Matched funding of our most senior personnel has been recorded in the budget. Promising more in advance would be a risk, and so we have not predicted more.

Travel-costs are minimised by electronic communications and training well in advance.

## Section 12 - Safeguarding and Ethics

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### Q27. Outputs of the project and Open Access

**All outputs from Darwin Plus projects should be made available on-line and free to users whenever possible. Please outline how you will achieve this and detail any specific costs you are seeking from Darwin Plus to fund this.**

UKOTCF supports HMG's 'global transparency revolution' as part of the SDGs and aims to do this in the following ways which are costed into the project budget:

- open sourced biological data collection e.g. iNaturalist
- Toolkit available in digital and some hard copies (at MNT offices and Library)
- free open sourced platforms used where appropriate e.g. GBIFs resources
- communications-plan developed within the project will outline other ways the information is available, so that it has local Montserratian ownership. The PL will be responsible for output access and will report to the steering group on open access of disseminated outputs through the steering-group meetings. Additionally, steering-group meeting-minutes and progress reports will be made accessible to all project- stakeholders. Part of this will be in M&E costs, a role we have shared out between partners.
- All documents published will be freely available via [www.ukotcf.org.uk](http://www.ukotcf.org.uk), and partner websites, e.g. [www.montserratnationaltrust.ms](http://www.montserratnationaltrust.ms).
- If papers submitted for publication will be drafted throughout the project they will be on open access platforms.
- Seminar proceedings published on [ukotcf.org.uk](http://ukotcf.org.uk) to share with other UKOTs.

## Q28. Safeguarding

**Projects funded through Darwin Plus must fully protect vulnerable people all of the time, wherever they work. In order to provide assurance of this, projects are required to have appropriate safeguarding policies in place.**

**Please confirm the Lead Partner has the following policies in place and that these can be available on request:**

**Please upload the lead partner's Safeguarding Policy as a PDF on the certification page.**

<b>We have a safeguarding policy, which includes a statement of our commitment to safeguarding and a zero tolerance statement on bullying, harassment and sexual exploitation and abuse</b>	Checked
<b>We have attached a copy of our safeguarding policy to this application (file upload on certification page)</b>	Checked
<b>We keep a detailed register of safeguarding issues raised and how they were dealt with</b>	Checked
<b>We have clear investigation and disciplinary procedures to use when allegations and complaints are made, and have clear processes in place for when a disclosure is made</b>	Checked
<b>We share our safeguarding policy with all partners</b>	Checked
<b>We have a whistle-blowing policy which protects whistle blowers from reprisals and includes clear processes for dealing with concerns raised</b>	Checked
<b>We have a Code of Conduct for staff and volunteers that sets out clear expectations of behaviours - inside and outside the work place - and make clear what will happen in the event of non-compliance or breach of these standards</b>	Checked

**Please outline how you will implement your safeguarding policies in practice and ensure that all partners apply the same standards as the Lead Partner.**

In practice UKOTCF's downstream partners are provided with a copy of the Safeguarding Policy electronically, which they sign and return. This signed copy is kept by UKOTCF. This will be sent to partners upon acceptance of the grant.

UKOTCF will make periodic visits and generally with other partners and has frequent online meetings with local partners, including personnel at all levels.

The Executive Director of the Montserrat National Trust was previously head of the Civil Service in Montserrat, with experience of managing and indeed revising these regulations for the territory.

## Q29. Ethics

**Outline your approach to meeting the key ethical principles, as outlined in the guidance. Additionally, are there any human rights and/or international humanitarian law risks in relation to your project? If there are, have you carried out an assessment of the impact of those risks, and of measures that may be taken in order to mitigate them? Any risk assessment and mitigation of human rights and/or international humanitarian law risks should be included in the Question 18 on Risk Management.**

In Y1Q1&2, project team members UKCEH (with Leeds Museum and Galleries) will conduct an ethics review for the project. This is important as there will be several instances throughout the project where high ethical standards will be expected to be upheld.

The project contains elements which will generate data sets capturing traditional knowledge, through the collection of oral histories/exhibits relating to aspects such as the islands' biodiversity and traditional and aspirational ways of life. Several team members, including senior staff at the Montserrat National Trust are trained in oral history collection and are committed knowledge keepers. To ensure that legislation and utilisation of genetic resources and traditional knowledge is adhered to, the ethics review includes the following:

- An overview of what the project aims to do and information it will collect.
- Legal and ethical obligations and best practice in local and international context.
- Consider issues around access and benefit sharing best practice and what this means for Montserrat
- Full consideration for Montserratian researchers with their own methodology, experience and knowledge.
- Understanding the types of permits needed to undertake work by members of the team.
- High level of respect for the rights, privacy and safety of people undertaking project activities (e.g. conducting interviews, field-working etc)
- Consideration for the types of questionnaires and surveys needed, who they will involve and consent forms which enable prior information consent to be obtained
- Risk assessments for project staff
- High standard of research, analysis and reporting.

## Section 13 - Project Staff

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### Q30. Project staff

**Please identify the core staff (identified in the budget), their role and what % of their time they will be working on the project.**

**Please provide 1-page CVs or job description, further information on who is considered core staff can be found in the Finance Guidance.**

Name (First name, Surname)	Role	% time on project	1 page CV or job description attached?
Catherine Wensink	Project Leader	60	Checked

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Mike Pienkowski	Technical, management and financial support	40	Checked
Sarita Francis	Oversight of project objectives	20	Checked
Delmaude Ryan	Project Leader Montserrat	80	Checked





**Do you require more fields?**

Yes

Name (First name, Surname)	Role	% time on project	1 page CV or job description attached?
Vernaire Bass	Communications, marketing and event organisation; WP3	40	Checked
Jodey Peyton	Leader of WP2; Coordination of Social Science survey; M&E	60	Checked
Rebecca Machin	Creation of displays and exhibits in WP2	20	Checked
Quentin Groom	Data management systems and assistance in herbarium creation, mentoring data processor	40	Checked
Sofie Meus	Facilitating creation of on island herbarium and Publcaiton on grasses	25	Checked
Vicky Wilkins	Technical specilist on invertebrates integrated into toolkit in WP1&2	25	Checked
MNT intern, MNT Data Processor & Nursery	job description attached	100	Checked
Project Officer	job description attached	40	Checked

**Please provide 1 page CVs (or job description if yet to be recruited) for the project staff listed above as a combined PDF.**

**Ensure the file is named clearly, consistent with the named individual and role above.**

 [All C.Vs](#)  
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**Have you attached all project staff CVs?**

Yes


## Section 14 - Project Partners

### Q31. Project partners

Please list all the Project Partners (including the Lead Partner – i.e. the partner who will administer the grant and coordinate the delivery of the project), clearly setting out their roles and responsibilities in the project including the extent of their engagement so far and planned.

This section should demonstrate the capability and capacity of the Project Partners to successfully deliver the project. Please provide Letters of Support for all project partners or explain why this has not been included.

The partners listed here should correspond to the Delivery Chain Risk Map (within the Risk Register template) which you will be asked to submit if your project is recommended for funding.

<b>Lead partner name:</b>	UK Overseas Territories Conservation Forum
<b>Is the Lead Partner based in a UKOT where the project is working?</b>	<input checked="" type="radio"/> No
<b>Please explain why this project is led from outside the UKOT</b>	<p>UKOTCF are Lead Financial and Management Partner (and contact for all correspondence) whereas Montserrat National Trust are Lead Implementation Partners.</p> <p>That adequately reflects the project-team demonstrating the partnership's wish for credit to remain with MNT on Montserrat. UKOTCF have capacity to lead on all managerial and financial requirements at MNT's request.</p>
<b>Website address:</b>	www.ukotcf.org.uk
<b>Details (including roles and responsibilities and capacity to engage with the project):</b>	<p>UKOTCF has 30+ years' experience co-running projects in UKOTs, approx 30 years on Montserrat.</p> <p>UKOTCF will undertake administration, management and specialist-guidance, and seek/coordinate local/outside partners. It will be responsible for overall project management. It will lead the M&amp;E plan and will liaise with leaders of each work package (with support from UKCEH) to ensure that throughout the project M&amp;E is integrated.</p> <p>Under WP3 it will facilitate the sharing of project outputs with other UKOTs via the organisation of a conference for conference practitioners, which it has tried to organise every three years (in some cases with a larger gap) since 2003. These events have often been the starting point for many discussions around new project ideas, pooling of resources and would be an appropriate place to do this given that some of the ideas in the problem statement stem from these conferences.</p> <p>It will, jointly with MNT, lead on WP1 to organise and hold stakeholder meetings and feed these into the creation of a template for the toolkit.</p> <p>It will draft and submit all financial and project reports with input collated from all project partners. It will also work with the auditor on the final audited accounts.</p>
<b>Allocated budget (proportion or value):</b>	
<b>Representation on the Project Board (or other management structure)</b>	<input checked="" type="radio"/> Yes

Have you included a Letter of Support from this organisation?  Yes

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Have you provided a cover letter to address your Stage 1 feedback?  Yes

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Do you have partners involved in the Project?

Yes

1. Partner Name: Montserrat National Trust

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Website address: [www.montserratnationaltrust.ms](http://www.montserratnationaltrust.ms)

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Details (including roles and responsibilities and capacity to engage with the project): MNT will be the most visible partner on Montserrat, implementing the project locally by focusing on community-engagement, guidance and plant-provision.  
MNT-team and will liaise with community groups and the Government of Montserrat.

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Allocated budget (proportion or value):



Representation on the Project Board (or other management structure)  Yes

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Have you included a Letter of Support from this organisation?  Yes

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2. Partner Name: UK CEH

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Website address: [www.ceh.ac.uk](http://www.ceh.ac.uk)

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**Details (including roles and responsibilities and capacity to engage with the project):**

UK Centre for Hydrology and Ecology (UKCEH) are a not-for-profit research institute. Their scientists provide data and insights that researchers, governments and businesses need to create a productive, resilient and healthy environment. Jodey Peyton, supported by colleagues will lead on all aspects of Work Package 2, supported by the Project Leader and where necessary MNT. This work will include ecological surveys and training. They will also assist with the ethics review which takes place in Y1. UKCEH have lead and partnered on many UKOT projects in similar or leading roles. UKCEH has been leading a UK Research Institute project Blue iguana to Blue vervain since (ending in March 2023). This project is particularly timely as it enables MNT to work with partners on aspects it has identified as important and priority needs for them. It makes use of the training provided as part of this project including oral histories, how to create a herbarium. It has brought to the fore some talented young persons who have been inspired to be champions of Montserrat botanic collections at its gardens and to preserve native plants in the wild. UKCEH has a wealth of multidisciplinary specialists on which to draw on adding value.

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**Allocated budget (proportion or value):**

██████████

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**Representation on the Project Board (or other management structure)**

Yes

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**Have you included a Letter of Support from this organisation?**

Yes

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**3. Partner Name:**

Species Survival Trust

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**Website address:**

<https://www.speciesrecoverytrust.org.uk>

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**Details (including roles and responsibilities and capacity to engage with the project):**

The Species Survival Trust aims to Incorporating invertebrate conservation into the toolkit framework, developing species lists and providing technical assistance- see support letter.

Vicky Wilkins will lead on this work. Vicky is a highly skilled and experienced species conservationist; she has worked in the conservation sector both in the UK and internationally for over 15 years. Specialising in invertebrate conservation, she provides advice to NGOs, universities, corporates, and governments.

Her work with the St Helena National Trust and more recently with Ascension Island has focused on invertebrate conservation and building capacity on island, which has been highly successful. Vicky will work with the Montserrat National Trust to explore opportunities for invertebrate conservation on island. As part of this project, she will help to feed in aspects of invertebrate conservation to the toolkit. Small changes can make a significant difference in the world of insects. Microhabitats can be created with few resources and with Vicky's help these can be explored with Montserrat colleagues and included in the toolkit development and the additional resources created.

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**Allocated budget (proportion or value):**

██████████

**Representation on the Project Board (or other management structure)**  Yes

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**Have you included a Letter of Support from this organisation?**  Yes

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**4. Partner Name:** Meise Botanic Garden

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**Website address:** <https://www.plantentuinmeise.be>

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**Details (including roles and responsibilities and capacity to engage with the project):** Meise Botanic Garden forms global alliances with those working towards protecting plants and understanding interactions with other wildlife and humans around the world . We have been in touch with Royal Botanic Gardens Kew to share a summary of the project and they agree that there is so much botanical work in the UKOTs, that more hands are always welcome! . Meise Botanic Garden will provide those hands. Quentin and Sofie visited Montserrat for the first time in July 2022. They trained over 10 people in mounting and drying botanical specimens, collected specimens of medicinal plants in order to facilitate the capturing of traditional knowledge and helped champion the bioblitz and iNaturalist. They introduced children, Department Staff to techniques and gained an understanding of equipment needed to preserve specimens and have applied for a grant for building this capacity. This work leads into the benefits that traditional plants can provide and how they can be used on island. There is a fear that this knowledge will be lost without documenting it. Data systems which capture this knowledge will be created, which are free online tools. Training will be provided and mentoring by the team in Meise to the team at MNT.

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**Allocated budget (proportion or value):** ██████████

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**Representation on the Project Board (or other management structure)**  No

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**Have you included a Letter of Support from this organisation?**  Yes

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**5. Partner Name:** Leeds Museum and Galleries

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**Website address:** <https://museumsandgalleries.leeds.gov.uk>

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**Details (including roles and responsibilities and capacity to engage with the project):**

Leeds Museum and Galleries will be involved in WP3 leading work on public engagement aspects of the project, including the use of new tools to share materials online in an informative and collaborative way, but at little/no cost to Montserrat and with a legacy beyond the end of the project. This will build's on LMG's natural history curator, Rebecca Machin. Her experience has included working on human well-being using natural science, for example using art and birds to help older people through Covid lockdowns. This work also builds on my experience of building virtual exhibitions, such as those being created as part of the current Hidden Histories project, in partnership with MNT staff, volunteers and kid's club. LMG has processes in place to be able to prepare the ethics review for the project in collaboration with the UKCEH and will conduct this in Year 1. Activities with LMG, MNT and other partners will take place in Year 1 and 2 to feed into the toolkit and showcase information in a way which can be used by MNT for years to come.

Examples of work include Google Arts and Culture:

<https://artsandculture.google.com/search/asset?p=leeds-museums-and-galleries&em=m015p6&categoryId=other>

<https://artsandculture.google.com/story/6wWBMGiTbKgAqA>

Mylearning: <https://www.mylearning.org/collections/museum-snapshot-1/natural-history>

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**Allocated budget (proportion or value):**

██████████

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**Representation on the Project Board (or other management structure)**

No

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**Have you included a Letter of Support from this organisation?**

Yes

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**6. Partner Name:**

*No Response*

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**Website address:**

*No Response*

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**Details (including roles and responsibilities and capacity to engage with the project):**

*No Response*

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**Allocated budget (proportion or value):**

£0.00

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**Representation on the Project Board (or other management structure)**

Yes

No

---

**Have you included a Letter of Support from this organisation?**


Yes


No


If you require more space to enter details regarding Partners involved in the project, please use the text field below.


No Response

Please provide a cover letter responding to feedback received at Stage 1 if applicable and a combined PDF of all letters of support.

 [DPLUSR11ST2-1010 All support letters](#)

 17/10/2022

 20:28:12

 pdf 2.58 MB

## Section 15 - Lead Partner Capability and Capacity

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Q32. Lead Partner Capability and Capacity

Has your organisation been awarded Darwin Plus, Darwin Initiative or Illegal Wildlife Trade Challenge Fund funding before (for the purposes of this question, being a partner does not count)?

Yes

If yes, please provide details of the most recent awards (up to 6 examples).

Reference No	Project Leader	Title
DPLUS049	Dr Mike Pienkowski	Maximising long-term survival prospects of Montserrat's endemic species and ecosystem-services
DPLUS155	Michael Pienkowski&Catherine Wensink	Securing Montserrat's threatened endemic species and natural capital through community-action
No Response	No Response	No Response
No Response	No Response	No Response
No Response	No Response	No Response
No Response	No Response	No Response

Have you provided the requested signed audited/independently examined accounts?

If yes, please upload these on the certification page. Note that this is not required from Government Agencies.

Yes

## Section 16 - Certification

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### Certification

On behalf of the

Trustees

of

UK Overseas Territories Conservation Forum

I apply for a grant of



I certify that, to the best of our knowledge and belief, the statements made by us in this application are true and the information provided is correct. I am aware that this application form will form the basis of the project schedule should this application be successful.





(This form should be signed by an individual authorised by the applicant institution to submit applications and sign contracts on their behalf.)

- I have enclosed CVs for project key project personnel, a cover letter, letters of support, a budget, logframe, Safeguarding Policy and project implementation timetable.
- Our last two sets of signed audited/independently verified accounts and annual report are also enclosed.





Checked

<b>Name</b>	Catherine Wensink
<b>Position in the organisation</b>	Executive Director
<b>Signature (please upload e-signature)</b>	 <a href="#">Signature C Wensink</a>  13/10/2022  16:30:53  jpg 385.03 KB
<b>Date</b>	13 October 2022

**Please attach the requested signed audited/independently examined accounts.**

-  [2022UKOTCFAccountsFinal Signed](#)  
 13/10/2022  
 16:37:05  
 pdf 713.59 KB

**Please upload the Lead Partner's Safeguarding Policy as a PDF**

-  [Safeguarding policy UKOTCF 2021](#)  
 13/10/2022  
 16:39:35  
 pdf 265.18 KB

## Section 17 - Submission Checklist

### Checklist for submission

	Check
<b>I have read the Guidance, including the "Darwin Plus Guidance", "Monitoring Evaluation and Learning Guidance", "Risk Guidance" and "Financial Guidance".</b>	Checked

I have read, and can meet, the current Terms and Conditions for this fund.	Checked
I have provided actual start and end dates for the project.	Checked
I have provided my budget based on UK government financial years i.e. 1 April - 31 March and in GBP.	Checked
I have checked that our budget is complete, correctly adds up and I have included the correct final total at the start of the application.	Checked
The application been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).	Checked
I have attached my completed logframe and timeline as a PDF using the templates provided.	Checked
I have included a 1 page CV or job description for all the Project Staff identified at Question 30, including the Project Leader, or provided an explanation of why not.	Checked
I have included a letter of support from the lead partner and main partner organisation(s), including relevant OT Governments, identified at Question 31, or an explanation of why not.	Checked
I have included a cover letter from the Lead Partner, outlining how any feedback received at Stage 1 has been addressed where relevant.	Checked
I have included a copy of the Lead Partner's safeguarding policy, which covers the criteria listed in Question 28.	Checked
I have included a signed copy of the last 2 annual report and accounts for the Lead Partner, or provided an explanation if not.	Checked
I have checked the Darwin Plus website immediately prior to submission to ensure there are no late updates.	Checked
I have read and understood the Privacy Notice on the Darwin Plus website.	Checked

#### We would like to keep in touch!

Please check this box if you would be happy for the lead applicant (Flexi-Grant Account Holder) and project leader (if different) to be added to our mailing list. Through our mailing list we share updates on upcoming and current application rounds under the Darwin Initiative and our sister grant scheme, the IWT Challenge Fund. We also provide occasional updates on other UK Government activities related to biodiversity conservation and share our quarterly project newsletter. You are free to unsubscribe at any time.

Checked

#### Data protection and use of personal data

Information supplied in the application form, including personal data, will be used by Defra as set out in the **Privacy Notice**, available from the [Forms and Guidance Portal](#).

This **Privacy Notice must be provided to all individuals** whose personal data is supplied in the application form. Some information may be used when publicising the Darwin Initiative including project details (usually title, lead partner, project leader, location, and total grant value).

Project Title: **Delivering biodiversity and human well-being gains for Montserrat’s sustainable development**

Implementation Timetable

Quarters are based on UK FYs (1 April – 31 March).

	Activity	No. of months	Year 1 (23/24)				Year 2 (24/25)				Year 3 (25/26)			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Output 1	<b>Biodiversity and human well-being integrated into sustainable development with creation of toolkit and linked resources, capacity building for the Montserrat National Trust and its community partners, native plant nursery facilities extended and increased island-wide biological recording and monitoring.</b>	36												
1.1	<i>Biodiversity and human well-being toolkit developed informed by consultations with local community</i>	36												
1.1.1	Project team assembled and series of introductory meetings undertaken via Zoom	3												
1.1.2	Framework toolkit drafted for consultation	6												
1.1.3	Stakeholder-groups provide input and feedback	6												
1.1.3.1	Developers and physical planners focus group-meetings feedback	3												
1.1.3.2	MNT’s kids’ club: interactive sessions held creating a vision for Montserrat for their future	6												
	Creation of activity book– e.g. colouring, recording species, storytelling oral histories, on all aspects of biodiversity, human-well-being and sustainable development (e.g. via Google Arts & Culture)	18												
	Creation of an online- free platform space (MyLearning) so that results of children and young people’s ideas and contribution are accessible	18												
1.1.4	Interim toolkit draft published online informed by above	3												
1.1.5	Final toolkit sent to designer Field Studies Council for lay out	3												
1.1.6	Final toolkit published online with supporting materials and project outputs	6												
1.2	<i>Extending provision of MNT and its’ Botanic Garden to support sustainable development</i>	36												

Project Title: **Delivering biodiversity and human well-being gains for Montserrat’s sustainable development**

	Activity	No. of months	Year 1 (23/24)				Year 2 (24/25)				Year 3 (25/26)			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1.2.1	Plant species lists created and made available including endemics, naturalised non-invasive species, food items and medicinal plants	18												
1.2.2	Species lists created on native insects created with fact sheets drafted on preferred micro-habits it’s possible to re-create	18												
1.2.3	Supplies of plant species grown and available for subsidised purchase to toolkit up-takers	27												
1.2.4	Interactive education materials developed to provide a journey from past, present to future for the island’s biodiversity particularly its flora.	6												
1.2.5	Demonstration areas & herbarium development to provide space for knowledge transfer through generations.	9												
1.2.6	Online-free tools for sharing biological information (e.g. plants, invertebrates) created which provides information to public in Montserrat, the regional and internationally	18												
1.3	<i>Enhancing and evaluating biological records for Montserrat through a community of wildlife data-recorders</i>	36												
1.3.1	Annual bioblitz training materials prepared and introduction sessions organised and delivered	9												
1.3.2	Bioblitz event organised promoted and delivered	9												
1.3.3	New records collected submitted to the iNaturalist platform as part of bioblitz events.	9												
1.3.4	Prizes (e.g. free native plants) for most records awarded (excluding project team)	9												
1.3.5	Summary report on ‘bioblitz’ published online shortly after annual event with results.	9												
Output 2	<b>Monitoring and Evaluation of use of toolkit and other linked resources by community to drive integration of biodiversity and human well-being into sustainable development</b>	15												



Project Title: **Delivering biodiversity and human well-being gains for Montserrat’s sustainable development**

	Activity	No. of months	Year 1 (23/24)				Year 2 (24/25)				Year 3 (25/26)			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2.1	<i>Toolkit trialled at several locations and the process to evaluate success for biodiversity and human well-being established</i>	15												
2.1.1	Locations identified for trial sites	6												
2.1.2	Baseline ecological surveys at trial sites documenting key features such as existing native trees preferred by native pollinators/opportunities e.g. hedging with endemic shrub, <i>Rondeletia buxifolia</i>	6												
2.1.3	Consultations undertaken with those trialling toolkit to feed into process	15												
2.1.4	Records of toolkit use and successes at trail sites logged	15												
2.1.5	System to evaluate uptake of the toolkit established and integrated with MNT record management systems.	9												
2.2	<i>Additional capacity and facilities at MNT and its Botanic Garden with opportunities for young people</i>	36												
2.2.1	Assistants and volunteers recruited to provide additional capacity keeping records on (1) species checklists provided to developers, (2) plants provided to new developers/landscapers.	6												
2.2.2	Interpretation created in garden and online so that visitors will be able to follow the journey of a plant from the herbarium and oral histories (how was / is it used) and then see and smell the plant in the garden and purchase them as outlined in the toolkit	18												
2.2.3	‘How to’ created on how to set up biodiversity and well-being space using results of toolkit consultations, species lists, local context etc.	18												
Output 3	<b>Opportunities created to communicate, promote and celebrate toolkit and linked resources to support integration of biodiversity and human well-being into sustainable development</b>	36												
3.1	<i>Stakeholder mapping and communications plan developed and implemented promoting results locally, regionally and internationally with stakeholders.</i>	6												

**Project Title: Delivering biodiversity and human well-being gains for Montserrat’s sustainable development**

	Activity	No. of months	Year 1 (23/24)				Year 2 (24/25)				Year 3 (25/26)			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
3.2	<i>Series of public information events and stakeholder workshops take place to feed into framework toolkit and promote it</i>	12			■	■	■	■						
3.2.1	Public launch of project at Montserrat National Trust livestreamed on Facebook and recorded.	3		■										
3.2.2	Public workshops take place to feed into creation of toolkit (with opportunities to input online also)	12				■	■	■	■					
3.2.3	MNT’s kids’ club workshops take place and feed into creation of toolkit	6					■	■						
3.2.4	MNT explore joining YUNGA to create Biodiversity badge for Montserrat	3	■											
3.2.5	Consultation on creation of Youth Forum for Biodiversity (ages 16-18) investigated	3	■											
3.2.6	MNT organise training events at botanic garden for developers and interested persons on native wildlife, landscaping and facility tour	6						■				■		
3.2.7	Public launch of toolkit at Montserrat National Trust livestreamed on Facebook and recorded.	3											■	
3.2.8	Presentation given and available online promoting toolkit to other UKOTs via UKOTCF long established seminar/conference series.	3				■								
3.2.9	Paper drafted on public participation in creation of toolkit- lessons learned	6										■	■	

Project Title: **Delivering biodiversity and human well-being gains for Montserrat’s sustainable development**

Project Summary	SMART Indicators	Means of Verification	Important Assumptions
<p><b>Impact:</b> In 2026, Montserratian community empowered to support biodiversity and improve well-being based on island knowledge and experience. Tailored practical solutions created and shared widely, ensuring the island’s sustainable development.</p>			
<p><b>Outcome:</b> By 2026, key Sustainable Development Goals achieved successfully through creation and use of community-led tools which integrate protection of biodiversity and ensure improved human well-being in the islands’ physical development</p>	<p>0.1 In Y1-Y2 at least 100 Montserratians involved in designing and shaping toolkit for biodiversity and well-being (50% women/girls). 0.2 At least five developments / private residences grounds working with project to use tools on Y2Q4 0.3 10 outreach materials on ecological and cultural heritage in Montserrat co-developed and available for use online and in person by Y3Q4</p>	<p>0.1 Meeting records/reports of stakeholder meetings (focal groups and MNT’s children’s group) with feedback on vision of what they envisage sustainable development will be on Montserrat in 10-20 years. 0.2 Joint press releases Montserrat National Trust (MNT) &amp; Ministry of, Agriculture, Housing, Lands and Environment (MAHLE); radio interviews on MAHLE vibes showcasing public support for this community-led project. 0.3 Published materials online with open-sourced free webtools (with personal data protected) including via MNT, UKOTCF and MyLearning websites.</p>	<p>0.1 Detailed records of meetings kept and maintained. MNT and UKOTCF have jointly run projects for &gt;20 years. Good communication lines established and ways of working together to achieve project outcomes. 0.2 MNT and MAHLE have good communication lines and regularly interact including the radio show to talk to about their projects. These invitations are open-ended. 0.3 Websites regularly and easily updated. When information uploaded on use MNT&amp;UKOTCF sites for double exposure.</p>
<p><b>Outputs:</b> <b>1. Biodiversity and human well-being integrated into sustainable development with creation of toolkit and linked resources, capacity building for the Montserrat National Trust and its community partners, native</b></p>	<p>1.1 By Y1Q2-Q3 consultation process with Montserratians, using existing model toolkit as basis for community-focussed questionnaires and stakeholder-consultation, including with local school children to develop it in the island context. 1.2 Y1Q4, biodiversity and human well-being toolkit drafted 1.3 By Y3Q4, finalised version of biodiversity and human well-being toolkit (see main text for overview) shared locally and across UKOTs. 1.4 By Y3Q4, facilities at plant nursery extended to promote the initiative and</p>	<p>1.1 Feedback collated and reviewed at minuted meeting. 1.2 Draft Toolkit widely available for comment (as a typical consultation) by network of stakeholders, in public places e.g. Montserrat Library notice and shared in AR1 report 1.3 Finalised version of biodiversity and human well-being toolkit sent to Field Studies Council for lay-out and printing and available online on the MNT, UKOTCF websites as well as some hard copies available on Montserrat. 1.4a MNT employs native plant nursery assistants and purchases additional</p>	<p>1.1 Participation by Montserratian community in co-development process 1.2 Stakeholder community interested to co-develop Toolkit and attend meetings or responding to online consultations when not able to attend meetings when held. 1.3 Toolkit of options recognised as valuable for Montserrat and MNT promote it widely with support of Government of Montserrat.</p>

Project Title: **Delivering biodiversity and human well-being gains for Montserrat's sustainable development**

<p><b>plant nursery facilities extended and increased island-wide biological recording and monitoring.</b></p>	<p>support the toolkits use on island e.g. by marketing, provision of resources (e.g. sale of plants, plant lists, organic compost, advice and support). at least 2000 plants for selling in Y3          1.5a By Y3Q4 At least 1500 more records are added to iNaturalist, the use of which is promoted through an annual bioblitz and MNT events. Number of observers increased from 60 to 100 by Y4.          1.5b By Y3Q4 Enhanced capacity for biological recording for Montserrat through a community data recorders</p>	<p>gardening equipment to support plant growing for sale to landscapers and developers.          1.4b MNT plant inventory records on Google forms          1.4c MNT develop species plant lists and other wildlife to be encouraged (e.g. native insects) advise on plants for planting and how to encourage other native flora and fauna at 5 locations during trial and document those using such facilities.          1.5 Records on iNaturalist and attendees at 'bioblitz' event (one hosted at MNT garden. (Baseline=Trial in July 2022 now 1000 records, pre-trial 180 records.)</p>	<p>1.4a MNT able to recruit native plant nursery assistants and equipment able to be purchased in Montserrat          1.4b Plants selected and species lists drawn up suitable for growing by MNT; regular biosecurity monitoring ensures healthy plants.          1.4c MNT staff deliver advice on local planting          1.5 Community engaged in biological recording and use iNaturalist. Lessons learned at very first bioblitz trialled in July 2022 informs future events.</p>
<p><b>2. Monitoring and Evaluation of use of toolkit and other linked resources by community to drive integration of biodiversity and human well-being into sustainable development</b></p>	<p>2.1 In Y2, following baseline assessment, toolkit trialled at five locations with corresponding evaluation mechanism including ecological and well-being surveys to monitor impact of tools.          2.2 As part of development of the toolkit, a system to evaluate uptake of the toolkit established and integrated with MNT record management systems by Y1Q4.          2.3 Five Assistants (both Montserratian paid interns and data processors and volunteers) provide additional capacity and opportunities for young people keeping records by Y3Q4          2.4 Annual findings of results 'bioblitz' published in reports in Y1, Y2&amp;Y3, with input from young attendees one month after event demonstrating results key</p>	<p>2.1 Five locations reports showing how aspects of the toolkit used, recognised by stamp of approval from MNT project staff that concepts and design have been incorporated. Developers complete questionnaire on how it was to integrate the toolkit into their work.          2.2. MNT present GDPR-compliant (as good practice on Montserrat) records of sites where toolkit used on information systems and other online free webtools.          2.3 MNT deliver training events in Y1, Y2 and Y3 in orientation for iNaturalist – with new biological records created.          2.4 Annual report published on records received over the year reported in local news channels with guest presentations by MNT on species of interest found. Radio shows allow it to be presented to</p>	<p>2.1 Montserrat Government Departments (including Physical Planning Unit and Department of Environment work actively to promote the toolkit into development approval process / Developers / residents willing to voluntarily uptake toolkit and promote it.          2.2 MNT informed of developments and able to host GDPR-compliant record system.          2.3 MNT staff equipped with expertise in use of iNaturalist          2.4. Records available on iNaturalist for reporting.</p>

Project Title: **Delivering biodiversity and human well-being gains for Montserrat's sustainable development**

	<p>native flora and fauna recorded and ways to evaluate status of biodiversity, changes over time and trends for net-gains for biodiversity.</p>	<p>community with lively phone in discussions and providing feedback.</p>	
<p><b>3. Opportunities created to communicate, promote and celebrate toolkit and linked resources to support integration of biodiversity and human well-being into sustainable development</b></p>	<p>3.1 Stakeholder mapping and communication plan developed and implemented to promote work locally, regionally &amp; internationally with all stakeholders by Y1Q4 This exercise informs 1.1.</p> <p>3.2 By Y1Q4, collation of existing materials for exhibit displays on human well-being particularly traditional use of medicinal plants added to My Learning</p> <p>3.3 Annual Higher Education Evening event to showcase experiences and opportunities for young people, held through project lifetime. In Y1, 30 persons will attend with presenters consisted of at least as many females as males. Participation will increase by 25% each year.</p> <p>3.4 Exploration of joining the Youth and United Nations Global Alliance (YUNGA) partnership and creation of a Youth Forum</p> <p>3.5 Development of 5 sets of additional resources for MNT's native-plant nursery, cultural heritage and storytelling, including interpretation materials by Y2Q4</p> <p>3.6 By Y1Q4, well-being survey developed and, by Y2Q4, trialled at locations in 2.1, undertaken as part project participation questionnaire</p>	<p>3.1 Communication plan developed outlining key stakeholder groups, and added to project page on MNT website.</p> <p>3.2 Materials collated and shared with wider team via project team's site. Through another project have gathered lists of traditional medicinal plants. This will promote and encourage passing of knowledge to younger generations.</p> <p>3.3 Higher Education evening promoted thought MNT and UKOTCF social media channels and even broadcast via social media</p> <p>3.4 Biodiversity Badge developed and awarded to at least 10 young people with certificates created and Youth Forum for Biodiversity first meeting attended by 5 interested persons (between ages 16-18).</p> <p>3.5 Natural heritage materials linked to well-being and sustainable development available on Google Arts &amp; Culture, MyLearning as well as hard copies printed through the Field Studies Council by Y2Q4</p> <p>3.6 Questionnaire with feedback on most important elements, resources available or needed, available as part of Toolkit package</p> <p>3.7 Attendance list from training event with at least 15 attending and giving</p>	<p>3.1 Stakeholder mapping allows for targeting communication planning.</p> <p>3.2 Existing materials shared and available for use in developing resources.</p> <p>3.3 Successive cohorts of young people sufficiently interested in attending the Higher Education event.</p> <p>3.4 Materials created suitable for sharing on Google Arts &amp; Culture</p> <p>3.5 participants willing to undertake survey.</p> <p>3.6 Event promoted in timely fashion to allow maximum participation from local community</p> <p>3.7 Event of sufficient interest to other UKOTs to attend- previous experience of UKOTCF (conferences and workshops) events has demonstrated good attendance.</p> <p>3.8 Meeting well attended- 664 marketing group successful in promoting events on island (Higher Education evening 20+ persons, around 60 involved in bioblitz, over 40 kids involved in kid's club)</p>

Project Title: **Delivering biodiversity and human well-being gains for Montserrat's sustainable development**

	<p>3.7 Training event for developers and interested persons on native wildlife and tour of botanic garden at Y2 to highlight facilities</p> <p>3.8 At Y3Q3 launch event attended by at least 50 Montserratians promoted on social media</p> <p>3.9 By Y1Q4 Seminar held sharing toolkit with at least 5 UKOTs attending session on toolkit creation additional opportunities by Y3Q4</p>	<p>support to the initiative via feedback forms</p> <p>3.8 Event promoted via local media channels and blog written and shared on MNT website- livestreamed with recording for those that can't attend at time.</p> <p>3.9 Recorded webinar organised and promoted through UKOTCF channels with feedback received post-seminar.</p>	<p>3.9 UKOTCF have held six conferences (from 2003-2021) in person and online events with over 100+ delegated attending throughout with positive feedback received.</p>
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**Activities**

**1 Biodiversity and human well-being integrated into sustainable development with creation of toolkit and linked resources, capacity building for the Montserrat National Trust and its community partners, native plant nursery facilities extended and increased island-wide biological recording and monitoring.**

*1.1 Biodiversity and human well-being toolkit developed informed by consultations with local community*

1.1.1 Project team assembled and series of introductory meetings undertaken via Zoom

1.1.2 Framework toolkit drafted for consultation

1.1.3 Stakeholder-groups provide input and feedback gathered via:

1.1.3.1 Developers and physical planners focus group-meetings feedback;

1.1.3.2 MNT's kids' club: interactive sessions held creating a vision for Montserrat for their future

-Creation of activity book– e.g. colouring, recording species, storytelling oral histories, on all aspects of biodiversity, human-well-being and sustainable development (e.g. via Google Arts & Culture)

-Creation of an online- free platform space (MyLearning) so that results of children and young people's ideas and contribution are accessible

1.1.4 Interim toolkit draft published online informed by above

1.1.5 Final toolkit sent to designer Field Studies Council for lay out

1.1.6 Final toolkit published online with supporting materials and project outputs

*1.2 Extending provision of MNT and its' Botanic Garden to support sustainable development*

1.2.1 Plant species lists created including endemics, naturalised non-invasive species, food items and medicinal plants

1.2.2 Species lists created on native insects created with fact sheets drafted on preferred micro-habits it's possible to re-create

1.2.3 Supplies of plant species grown and available for subsidised purchase to toolkit up-takers

1.2.4 Interactive education materials developed to provide a journey from past, present to future for the island's biodiversity.

1.2.5 Demonstration areas & herbarium development to provide space for knowledge transfer through generations.

1.2.6 Online-free tools for sharing biological information (e.g. plants, invertebrates) created which provides information to public in Montserrat, the regional and internationally

*1.3 Enhancing and evaluating biological records for Montserrat through a community of wildlife data-recorders*

**Project Title: Delivering biodiversity and human well-being gains for Montserrat's sustainable development**

- 1.3.1 Annual 'bioblitz' training materials prepared and introduction sessions organised and delivered
- 1.3.2 Bioblitz event organised promoted and delivered
- 1.3.3 New records collected submitted to the iNaturalist platform as part of 'bioblitz' events.
- 1.3.4 Prizes (e.g. free native plants) for most records awarded (excluding project team)
- 1.3.5 Summary report on 'bioblitz' published online shortly after annual event with results.

**2 Monitoring and Evaluation of use of toolkit and other linked resources by community to drive integration of biodiversity and human well-being into sustainable development**

*2.1 Toolkit trialled at several locations and the process to evaluate success for biodiversity and human well-being established*

- 2.1.1 Locations identified for trial sites
- 2.1.2 Baseline ecological surveys at trial sites documenting key features such as existing native trees preferred by native pollinators (many insects) /opportunities e.g. hedging with endemic shrub, *Rondeletia buxifolia*
- 2.1.3 Consultations undertaken with those trialling toolkit to feed into process
- 2.1.4 Records of toolkit use and successes at trail sites logged
- 2.1.5 System to evaluate uptake of the toolkit established and integrated with MNT record management systems.

*2.2 Additional capacity and facilities at MNT and its Botanic Garden with opportunities for young people*

- 2.2.1 Assistants and volunteers recruited to provide additional capacity keeping records on (1) species checklists provided to developers, (2) plants provided to new developers/landscapers.
- 2.2.2 Interpretation created in garden and online so that visitors will be able to follow the journey of a plant from the herbarium and oral histories (how was / is it used) and then see and smell the plant in the garden and purchase them as outlined in the toolkit
- 2.2.3 'How to' created on how to set up biodiversity and well-being space using results of toolkit consultations, species lists, local context etc.

**3. Opportunities created to communicate, promote and celebrate toolkit and linked resources to support integration of biodiversity and human well-being into sustainable development**

*3.1. Stakeholder mapping and communications plan developed and implemented promoting results locally, regionally and internationally with stakeholders.*

*3.2 Series of public information events and stakeholder workshops take place to feed into framework toolkit and promote it*

- 3.2.1 Public launch of project at Montserrat National Trust livestreamed on Facebook and recorded.
- 3.2.2 Public workshops take place to feed into creation of toolkit (with opportunities to input online also)
- 3.2.3 MNT's kid's club workshops take place and feed into creation of toolkit
- 3.2.4 MNT explore joining YUNGA to create Biodiversity badge for Montserrat
- 3.2.5 Consultation on creation of Youth Forum for Biodiversity (ages 16-18) investigated
- 3.2.6 MNT organise training events at botanic garden for developers and interested persons on native wildlife, landscaping and facility tour
- 3.2.7 Public launch of toolkit at Montserrat National Trust livestreamed on Facebook and recorded.
- 3.2.8 Presentation given and available online promoting toolkit to other UKOTs via UKOTCF long established seminar/conference series.
- 3.2.9 Paper drafted on public participation in creation of toolkit- lessons learned