



Department
for Environment
Food & Rural Affairs



Foreign &
Commonwealth
Office



Department
for International
Development



Darwin Plus: Overseas Territories Environment and Climate Fund Project Application Form

Submit by **2359 GMT Monday 29 August 2016**

Please read the [Guidance](#) before completing this form.

Information to be extracted to the database is highlighted blue. Blank cells may render your application ineligible

Basic Data

1. Project Title (max 10 words)	Pioneering a New Model of Marine Park Management in Anguilla		
2. UK OT(s) involved	Anguilla	Letter of support from OT government attached?	Yes
3. Start Date:	1 April 2017		
4. End Date:	31 March 2020		
5. Duration of project (no longer than 36 months)	36 months		

Summary of Costs	2017/18	2018/19	2019/20	Total
6. Budget requested from Darwin	199,121	33,696	56,623	289,440
7. Total value of matched funding	95,633	64,233	52,542	212,408
8. Total Project Budget (all funders)	294,754	97,929	109,165	501,848
9. Names of Co-funders	Government of Anguilla, Anguilla National Trust, University of Roehampton			

10. Name, address and contact details of lead applicant organisation (responsible for delivering outputs, reporting and managing funds)*	Stuart Wynne Deputy Director Department of Fisheries and Marine Resources Government of Anguilla PO Box 60 The Valley AI-2640 Anguilla
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* Notification of results will be by email to the Project Leader named in Question 12

11. Type of organisation of Lead applicant. Place an x in the relevant box.

OT GOVT	x	UK GOVT	UK NGO	Local NGO	International NGO	Commercial Company	Other (e.g. Academic)
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12. Partners in project. Please provide details of the partners in this project and provide a CV for the individuals listed. You may copy and paste this table if necessary

Details	Project Leader	Project Partner 1	Project Partner 2
Surname	Wynne	Mukhida	Daltry
Forename(s)	Stuart	Farah	Jenny
Post held	Deputy Director	Executive Director	Senior Conservation Biologist
Institution (if different to above)		Anguilla National Trust (ANT)	Fauna & Flora International (FFI)
Department	Fisheries and Marine Resources (DFMR), Government of Anguilla (GOA)	n/a	Conservation Capacity
Telephone/Skype			
Email			

13. Has your organisation been awarded Darwin Initiative funding before (for the purposes of this question, being a partner does not count)? If yes, please provide details of the most recent awards (up to 6 examples).

Reference No	Project Leader	Title

14. If your answer to Q13 was No, provide details of 3 contracts previously held by your institution that demonstrate your credibility as an implementing organisation. These contracts should have been held in the last 5 years and be of a similar size to the grant requested in this application. (If your answer to Q13 was Yes, you may delete these boxes, but please leave Q14)

Contract 1 Title	Saving the sea turtles of Anguilla: combining community action with scientific evidence to drive legislative change
Contract Value	394,976 € (from European Union BEST 2.0 funding mechanism)
Contract Duration	1 April 2016-30 March 2019
Role of institution in project	Project Lead
Brief summary of the aims, objectives and outcomes of the contract.	To conserve sea turtles by increasing knowledge of their ecology and biology and through the engagement of stakeholders and decision makers in policy development and implementation. Successful conservation of sea turtles in Anguilla is to be based on sound and objective science and best practice for management and stakeholder engagement. This project provides essential data that will be used to inform policy, legislation, and regulations with the ultimate

	aim of ensuring healthy foraging and nesting sea turtles within Anguilla's territorial waters and shores while working with regional territories to establish a progressive conservation platform. Data and knowledge will be integrated into a comprehensive, creative, multi-media public awareness campaign that will raise awareness about the importance of sustainably managing marine resources and, specifically, conserving sea turtles. With a 2006 report (Bräutigam and Eckert, 2006) indicating that few sea turtles now nest in Anguilla, this project will underpin the creation of an environment (political, social, and ecological) that will allow for sea turtle numbers to recover and thrive.
Client/independent reference contact details (Name, e-mail, address, phone number).	Daniel Mitchell BEST 2.0 Project Officer IUCN (International Union for Conservation of Nature) Address. European Regional Office, Boulevard Louis Schmidt 64, B-1040 Brussels, Belgium

Contract 2 Title	Department of Fisheries and Marine Resources
Contract Value	USD 309,672 (from Government of Anguilla)
Contract Duration	n/a (on-going)
Role of institution in project	Implementer
Brief summary of the aims, objectives and outcomes of the contract.	To undertake policies and programmes in support of Anguilla's economic, ecological, and scientific interests in the oceans surrounding Anguilla and its inland waters; and to provide for the conservation, development, and sustained economic development of fisheries resources for those who derive their livelihood or benefit from these resources. Key achievements and outcomes include the development of a national fisheries development plan, management of nearshore fisheries, and the recent approval of DFMR recommended amendments to marine park legislation and regulation amendments.
Client/independent reference contact details	Larry Franklin Permanent Secretary Government of Anguilla Ministry of Infrastructure Address. PO Box 60, The Valley, AI-2640, Anguilla

Contract 3 Title	Anguilla Marine Monitoring Programme
Contract Value	USD 10,000 (per annum) (from the Government of Anguilla)
Contract Duration	2004-on-going
Role of institution in project	Programme Lead
Brief summary of the aims, objectives and outcomes of the contract.	To conduct annual monitoring at fifteen coastal/marine sites around Anguilla and produce annual reports with management recommendations. Key outcomes include the development of a marine parks system plan (approved by the GOA Executive Council in 2016) which used the results of the monitoring programme to inform proposed system-wide management actions as well as the integration of monitoring findings within reviews of planning applications and environmental impact assessments submitted by interested

	developers.
Client/independent reference contact details	Larry Franklin Permanent Secretary Government of Anguilla Ministry of Infrastructure Address. PO Box 60, The Valley, AI-2640, Anguilla

15. Key Project personnel

Please identify the key project personnel on this project, their role and what % of their time they will be working on the project. Please provide 1 page CVs for these staff, or a 1 page job description or Terms of Reference for roles yet to be filled. Please include more rows where necessary.

Name (First name, surname)	Role	Organisation	% time on project	1 page CV or job description attached?
Stuart Wynne, MSc	Project Leader	DFMR	47	Yes
Kafi Gumbs, MSc	Project Advisor	DFMR	30	Yes
Randall Richardson	Project Assistant	DFMR	24	Yes
Farah Mukhida, MES	ANT Project Advisor/ Communication Liaison	ANT	33	Yes
Clarissa Lloyd	ANT Project Assistant	ANT	100	Yes
Kimberly Gumbs	ANT Project Administrative Manager	ANT	4	Yes
Louise Soanes, PhD	Biodiversity Monitoring Specialist	University of Roehampton	11	Yes
Jennifer Daltry, PhD FRGS	Conservation Biologist and Capacity Building Advisor	FFI	8	Yes
Elizabeth Bell, MSc	Rat Eradication Team Leader	Wildlife International Management Ltd	15	Yes

Project Details

16. Project Outcome Statement: Describe what the project aims to achieve and what will change as a result. (30 words max). You can copy and paste from Q26.

Through pioneering government/NGO/private sector collaboration, the globally important Prickly Pear Marine Park will come under effective, integrated, sustainable management; measurably increasing biodiversity and paving the way for all Anguilla's MPAs.

17. Background: (What is the current situation and the problem that the project will address? How will it address this problem? What key OT Government priorities and themes will it address? (200 words max)

Between 1993 and 2008, the Government of Anguilla established seven marine parks (MPs), but these are 'paper parks', lacking clearly identified management body, plans, and enforcement. Progress has been constrained by limited resources and processes for engaging local stakeholders. Threats continue to affect MP coastal/marine biodiversity, including invasive species, deforestation exacerbating soil run-off/sedimentation, overfishing, and eutrophication.

In mid-2016, DFMR completed an MP systems plan. GOA accepted DFMR-recommended legislation changes and vested MP management responsibility to DFMR, putting it in a strong position to address management constraints and develop management plans for each MP within the larger system plan context.

Through discussions with Prickly Pear Marine Park (PPMP) stakeholders, DFMR and ANT discovered common restoration and sustainable use interests. Building on DPLUS013, which increased knowledge and capacity to manage terrestrial areas, this project will test and demonstrate best practice for participatory coastal ecosystem management for replication nationally and regionally. It considers small islands and their surrounding waters as a functional unit, integrating the management of terrestrial and marine components. The project site contains critically threatened biodiversity that will benefit directly from this work, including sea turtles and Lesser Antillean iguanas.

Priorities/themes: marine ecosystem planning/management; invasive species eradication; island restoration.

18. Methodology: Describe the methods and approach you will use to achieve your intended outcomes and impact. Provide information on how you will undertake the work (materials and methods) and how you will manage the work (roles and responsibilities, project management tools etc). Give details of any innovative techniques or methods. (500 words max)

To test and **exemplify best practice in participatory integrated coastal zone management**, DFMR, ANT and international partners will work directly with stakeholders and other relevant GOA agencies to expand the national definition of "marine park" to one that is more holistic to include both marine and adjoining terrestrial ecosystems. The effective restoration, conservation, and management of each habitat is required for the whole system to work. This project will exemplify how individual management interventions, when conducted concurrently, can lead to significant beneficial impacts on an interconnected coastal ecosystem. The project demonstration site comprises the privately-owned uninhabited but heavily visited Prickly Pear cays (PP East and PP West), 8 km from Anguilla mainland, and the surrounding Prickly Pear Marine Park (PPMP), a total area of 63 hectares. PPMP is an Important Bird Area and Key Biodiversity Area, and typifies the problems and challenges in Anguilla's MPAs where habitat use must be balanced with conservation.

Biodiversity assessments will begin with field surveys by trained personnel of marine and terrestrial species (vertebrates, invertebrates and plants) using standardised, replicable methods for these taxa (line transects, point counts, fixed point photographs). Data will be used to inform management interventions, and form the baseline for **monitoring** impacts, pre- and post-management intervention.

Using data from biodiversity assessments and stakeholder discussions, Anguilla's first **stakeholder-**

informed marine park management plan within the context of DFMR's MP systems plan will be produced through a participatory process (using visioning, problem tree, and strategic planning sessions) to enable the area to achieve its conservation objectives and to support livelihoods. Preliminary consultations have identified several urgent actions to be implemented in year 1 including: (1) installation of 20 mooring buoys to prevent benthic habitat damage from anchoring; (2) demarcation the boundaries of PPMP; (3) restore and enhance the terrestrial biodiversity of the wider PPMP management area by eradicating alien brown rats *Rattus norvegicus* from both cays following Harper's (2015) feasibility study and a comprehensive operational plan. In years two and three, additional actions identified by the new management plan will be implemented.

To **build national capacity**, ANT and DFMR staff and local stakeholders will be given on-the-job training, covering aspects of marine and terrestrial biodiversity and island restoration. Landowners, restaurant owners, fishers, dive operators, charter boat operators, and volunteers will be trained in biosecurity procedures. Visitors to PPMP will be encouraged to become involved in biodiversity monitoring with primary stakeholders being equipped with the knowledge and expertise to guide visitor involvement and engagement.

Project partners will launch an innovative **public awareness campaign**, meet with Ministries and government departments, and network with regional/international bodies. The **profile of Anguilla's MPs and coastal conservation areas will be raised** by highlighting their values (economic, ecological) to stakeholders.

The core implementation team will comprise the Project Leader, Project Coordinator, focal points from each partner organisation, and senior technician for rat eradication. A Project Steering Committee, comprising additional representatives from all relevant government agencies and stakeholder groups, will meet quarterly to review progress and help resolve any issues.

19. How does this project:

- a) Deliver against the priority issues identified in the assessment criteria
 - b) Demonstrate technical excellence in its delivery
 - c) Demonstrate a clear pathway to impact in the OT(s)
- (500 words max)

a. *Priority issues*

The project contributes to both Darwin Plus and national priorities through (a) improved conservation management of Anguilla's marine/coastal environment (enabling 'paper parks' to become effective parts of the 'Blue Belt'), (b) eradication of alien invasive species and establishment of a biosecurity programme to prevent further invasions, and (c) development of biodiversity data systems and collecting critical information to inform integrated marine park management. This project supports the development of ecosystem-based initiatives for conservation and sustainable use of coastal environments by directly enhancing coastal and marine ecosystems and providing a framework for informed decision-making. It addresses national priorities (from the *Report for Anguilla's 'Greening the Economy' project*) of developing and approving national strategic policy documents to guide planning and assimilating a repository of information to inform decision-making. Anguilla's Environmental Charter also embodies the ecosystem- and species-based approaches and stakeholder-informed decision-making processes. It is also in line with the UK Government's commitment to the creation and management of a Blue Belt through improved collaborative and integrated management of the Prickly Pear Marine Park, one of Anguilla's Key Biodiversity Areas that is used by both tourists and residents of Anguilla.

b. *Technical excellence*

The project takes a modern approach to protected area management that is integrated, adaptive, and highly participatory. It uses sound, quality science to inform and evaluate interventions, notably the novel measures to restore the coastal zone ecosystem. This project involves individuals and institutions with advanced expertise in environmental planning and management, island restoration, outreach, and research. On-site training opportunities and direct knowledge transfer from international partners and other experts on the Project Steering Group as well as the engagement of local stakeholders, builds on local capacity and knowledge which is essential for the success of the project and its long-term sustainability.

c. Pathway to impact

This project draws on skills, knowledge, and expertise of all partners and is locally-owned and managed by the GOA and the ANT, supported by an internationally-recognised UK academic institutions and biodiversity conservation organisations. Where local capacity is limited, external assistance and training are provided.

The project's contribution to environmental sustainability and informed decision-making has tangible environmental implications, through the development of an ecosystem-based management plan. By implementing priority actions to tackle threats to biodiversity in the PPMP (including eradicating rats from the cays and installing mooring buoys), this project will directly, rapidly, and measurably lead to the recovery and increased resilience of native terrestrial and marine biodiversity, such as the Endangered Lesser Antillean iguana and sea turtle species (these impacts will be tracked as part of the PPMP monitoring programme). Involvement of stakeholders at a grassroots level in development and implementation of management strategies will increase support and create a long-term commitment to success and sustainability: the newly formed PPMP management team will continue to implement management plan actions on the ground and host regular meetings with stakeholders to review activities and performance post project.

20. 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. (250 words max)**

- 1. Local landowners of PP cays:** Several Anguillian families have owned the cays since the late 19th century. Landowners are fully supportive of the proposed project and continue to support biodiversity conservation and facilitated the ANT-led reintroduction of Endangered Lesser Antillean iguana to PP East in 2015-2016, establishing PP as Anguilla's first iguana sanctuary and solidifying it as a key biodiversity area. Project partners will continue to work with landowners to increase iguana numbers and move towards Ramsar Site designation. The landowners will be consulted at every stage of the project, and will be invited to sit on the Steering Committee.
- 2. Anguilla Fisherfolk Association:** The Anguilla Fisherfolk Association has called for improved management of Anguilla's MP network. Fishers will be actively consulted and engaged throughout, being invited to training opportunities, presentations and meetings.
- 3. Dive operators, charter boat companies, local PP restaurant owners:** Charter boat and dive operators support additional mooring buoys and demarcation within PPMP and a greater presence of enforcement authorities. The two local PP restaurant owners have also indicated interest in more effective MP management.
- 4. Government:** Ministers, Permanent Secretaries, and Department heads have been involved in discussions about the particulars of this project. All data will be shared as reports. Relevant Department representatives will be invited to sit on the Steering Committee. Presentations to Executive Council will allow for discussion and knowledge exchange.
- 5. General public/PPMP stakeholders:** The public will be engaged through stakeholder meetings, workshops, and public awareness activities.

Letters of support are attached.

21. Institutional Capacity: Describe the implementing organisation's capacity (and that of partner organisations where relevant) to deliver the project. (500 words max)

DFMR's mission is to manage and regulate the use of Anguilla's fisheries and marine resources, in a sustainable manner, for maximum economic and recreational benefit for the people of Anguilla. DFMR undertakes programmes to support Anguilla's economic, ecological, and scientific interests in oceans surrounding Anguilla and its inland waters while providing for the conservation, development, and

sustained economic development of fisheries resources. Principal DFMR work activities include fisheries, coastal resources, and marine parks management. With a staff complement of nine, all field staff have been trained in various disciplines including fish catch data collection, beach monitoring, and coastal ecosystem habitat monitoring. Mr. Wynne (Deputy Director) is currently completing his Doctorate on tropical marine protected areas management.

ANT is a statutory body established by the GOA through the Anguilla National Trust Act (1988). ANT has seven full-time paid staff, over 100 members, and 25 active volunteers. The organisation is Anguilla's largest and most active environmental and cultural organisation. The ANT Act mandates the ANT to assess, restore, and conserve Anguilla's natural and cultural heritage. ANT is currently engaged in coastal and wetland ecosystem monitoring, offshore cay restoration initiatives, species reintroductions, and raising environmental awareness. Ms Mukhida (Masters, Environmental Studies – integrated coastal zone management) recently managed the Darwin Plus-funded protected areas-focused project (DPLUS013). Working closely with Dr Daltry (FFI), she also managed the successful restoration of Dog Island in 2012 and is overseeing an on-going programme of biosecurity and biodiversity monitoring on that island.

FFI is a UK-based international NGO, with the mission “to conserve threatened species and ecosystems worldwide, choosing solutions that are sustainable, based on sound science and take into account human needs”. FFI has supported locally identified projects in the Caribbean islands since 1994, including Anguilla since 1998 and employs a small contingent of staff based in Antigua and Saint Lucia. Notable achievements in this region include restoring 22 offshore islands, enabling the recovery of more than a dozen Critically Endangered species, establishing and enhancing the management of over 20,000 hectares of protected areas, and training more than 450 local conservation practitioners.

Elizabeth Bell (MSc, conservation ecology), Senior Ecologist with Wildlife Management International Ltd., has over 20 years experience on invasive species management. She successfully led the 2012 Dog Island (Anguilla) black rat eradication programme. WMIL is currently working with FFI on the Darwin project #023-003 in Antigua, and we envisage valuable exchanges with this project.

This project has the support of several other agencies: (1) Durrell Wildlife Conservation Trust supports the recovery of the Lesser Antillean iguana in Anguilla, including the re-introduction of this Endangered species to PP East; (2) Royal Society for the Protection of Birds, a long-standing ANT partner, recently led the feasibility study for eradicating rats from the PP cays; and (3) University of Roehampton: Postdoctoral researcher Dr Soanes has been based for 3.5 years in Anguilla working on a previously-funded Darwin Plus marine spatial planning project (DPLUS007). Dr Soanes is also involved in a further Darwin Plus-funded project *BVI seabird recovery planning programme* (DPLUS035).

APPLICANTS SEEKING £100,000 OR OVER CAN PROCEED TO QUESTION 26

APPLICANTS SEEKING LESS THAN £100,000 ARE NOT REQUIRED TO COMPLETE THE LOGICAL FRAMEWORK AT QUESTION 26 HOWEVER YOU MAY FIND IT A USEFUL EXERCISE TO HELP YOU STRENGTHEN YOUR PROJECT

26. LOGICAL FRAMEWORK

Darwin Plus projects will be required to report against their progress towards their expected outputs and outcome if funded. 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.

Project summary	Measurable Indicators	Means of verification	Important Assumptions
<p>Impact: The protection and sustainable use of Anguilla's coastal and marine habitats and biodiversity through an integrated, collaborative management approach. (Max 30 words)</p>			
<p>Outcome: Through pioneering government/ NGO/ private sector collaboration, the globally important Prickly Pear Marine Park will come under effective, integrated and sustainable management</p>			
<p>Outputs:</p> <p>1. Biodiversity values of Prickly Pear cays and their surrounding coastal waters identified.</p>	<p>1.1 Marine ecosystem assessments of Prickly Pear Marine Park completed by end of Q2Y1</p> <p>1.2 Biodiversity assessment of terrestrial ecosystems (including beach and sand dunes) completed by end Q3Y1</p> <p>1.3 Results of ecological assessments presented to at least 30 stakeholders by the end of Q3Y1</p>	<p>1.1 PPMP ecological database; Ecology of PPMP and cays report</p> <p>1.2 PPMP ecological database; Ecology of PPMP and cays report</p> <p>1.3 PowerPoint presentation; Presentation attendance sheet</p>	<p>Field activities can be re-scheduled if affected by hurricanes, tropical storms, or severe sea swells.</p>
<p>2. Effective and sustainable management structures and tools for the integrated management of Prickly Pear terrestrial and marine ecosystems in</p>	<p>2.1 Project Steering Committee comprised of project partners and external experts established by beginning of Q1Y1 and meets quarterly.</p>	<p>2.1 Project Steering Committee meeting reports</p>	<p>Government of Anguilla upholds its commitment to improved management of marine parks.</p> <p>Landowners, fishers, tour operators and</p>

place	<p>2.2 PPMP integrated coastal zone management team comprised of local national partners and primary stakeholder representatives established by Q1Y1 and meets monthly.</p> <p>2.3 PPMP stakeholders and management authorities meet at least quarterly throughout project period.</p> <p>2.4 Socio-economic assessment of PPMP completed by end of Q4Y1</p> <p>2.5 Stakeholder-informed management plan for PPMP finalised by the end of Y1</p> <p>2.6 Project reviewed to identify lesson learned and recommendations for replication in Anguilla's other marine parks and within the region (particularly amongst other UKOTs)</p>	<p>2.2 PPMP Management Team meeting reports</p> <p>2.3 Stakeholder meeting reports</p> <p>2.4 Notes from stakeholder interviews; PPMP management plan</p> <p>2.5 PPMP management plan</p> <p>2.6 Project report</p>	<p>other stakeholders continue to be willing to cooperate on improved management of marine parks and offshore cays.</p> <p>Stakeholder involvement in management plan development.</p>
<p>3. Priority measures implemented to restore, protect, manage and monitor critical island and marine biodiversity and ecological processes in PPMP</p>	<p>3.1 At least 15 mooring buoys and 20 marine park boundary markers installed within the Prickly Pear Marine Park by end of Y1</p> <p>3.2 Operational plan (based on 2015 feasibility study) for rat eradication completed by end of Q2Y1</p> <p>3.3 Rats eradicated from Prickly Pear cays by end of Y1 to enable recovery of terrestrial species and habitats.</p> <p>3.4 PPMP routinely monitored for signs of terrestrial invasive species every four weeks during Y2 and Y3 of project</p>	<p>3.1 Financial records for mooring buoy usage</p> <p>3.2 Rat eradication operational plan</p> <p>3.3 Rat eradication final report</p> <p>3.4 Invasive species monitoring datasheets and updated databases</p>	<p>Stakeholders continue to be willing to be involved in prioritisation and implementation of management plan actions.</p> <p>Materials and methods used to successfully eradicate rats from Dog Island and other Caribbean islands will be equally effective on Prickly Pear cays.</p> <p>No unusual and severe weather events during critical stages (this project will avoid conducting 3.3 and other complex activities during the hurricane season,</p>

	<p>3.5 Identification of priority integrated coastal zone management measures and development of action plan based on approved management plan by end of Y1</p> <p>3.6 Implementation of stakeholder-agreed upon integrated coastal zone management measures by end of Y3</p> <p>3.7 Long-term biodiversity monitoring plan established by Q4Y1 and implemented in Y2 and Y3 of the project</p> <p>3.8 Paper on PPMP project produced by end of project</p>	<p>3.5 Meeting reports; PPMP</p> <p>3.6 Minutes of PPMP working group meetings; Small project/conservation programmes action sheets/reports</p> <p>3.7 Biodiversity assessment sheets; biodiversity monitoring manual; biodiversity database; PPMP visitor wildlife sightings logbook</p> <p>3.8 Manuscript submitted and accepted.</p>	<p>especially August through October)</p> <p>Long term monitoring strategy accurately predicts the future human and other resources available to implement it.</p>
<p>4. National capability to plan, manage and monitor marine parks is raised, supported by enhanced technical skills and greater public awareness and cooperation</p>	<p>4.1 At least ten persons (including ANT and DFMR staff and volunteers) trained in and apply new skills in terrestrial and marine biodiversity surveys and monitoring, improving data quality by end of Q1Y2</p> <p>4.2 At least ten persons (including ANT and DFMR staff and volunteers) trained in invasive species eradication and biosecurity surveillance procedures by end of Y1</p> <p>4.3 Multi-stakeholder workshop held for at least 30 individuals regarding value of marine parks in Q1Y1</p> <p>4.4 Innovative advocacy and public awareness plan developed by Q1Y2</p> <p>4.5 Project reported in at least six newspaper articles, bi-annual updates</p>	<p>4.1 Training evaluation sheets; monitoring protocol; biodiversity datasheets</p> <p>4.2 Training evaluation sheets; invasive species eradication procedures and reports</p> <p>4.3 Workshop agenda; workshop participants sign-in sheet; PowerPoint presentations</p> <p>4.4 Advocacy and public awareness plan</p> <p>4.5 Newspaper-clippings, radio programmes, newsletters, social media</p>	<p>Trained expertise remains in Anguilla.</p> <p>Stakeholders receptive to integrated coastal zone management</p> <p>Improved knowledge/ access to knowledge leads to improved coastal and species conservation</p>

	<p>within ANT newsletters, quarterly updates on social media (Facebook, Twitter, Instagram), and at least four radio programmes by the end of Y3 (end of project).</p> <p>4.6 Project presented to at least four national groups and Executive Council by end of Y2 (end of project).</p> <p>4.7 Public awareness campaign evaluated for effectiveness through pre-project survey/questionnaire of at least 600 individuals conducted in Q1Y1 and post-project survey/questionnaire of at least 600 individuals conducted in Q4Y2</p> <p>4.9 Marine Parks highlighted in comments provided to the Land Development Control Committee and the Trade and Investment Committee (when relevant).</p>	<p>4.6 PowerPoint presentation; Executive Council minutes</p> <p>4.7 Pre- and post-project surveys</p> <p>4.8 ANT and DFMR comments on Planning Applications and solicited comments from the Land Development Control Committee and Trade and Investment Committee</p>	
<p>Activities (each activity is numbered according to the output that it will contribute towards, for example 1.1, 1.2 and 1.3 are contributing to Output 1)</p> <p>1.1 Conduct marine ecosystem assessments within the Prickly Pear Marine Park boundaries and compare to 2005 baseline assessments.</p> <p>1.2 Conduct full project baseline biodiversity assessments of Prickly Pear cays' fauna and flora.</p> <p>1.3 Present results of benthic and terrestrial assessments to landowners and other Prickly Pear integrated coastal zone stakeholders.</p> <p>2.1 Establish Project Steering Committee and meet quarterly.</p> <p>2.2 Establish PPMP integrated coastal zone management team and meet every other month.</p> <p>2.3 Hold quarterly meetings for PPMP stakeholders and management authorities.</p> <p>2.4 Conduct socio-economic assessment of PPMP stakeholders to inform PPMP management plan, including identification of stakeholder values, positions, and concerns for coastal resources and marine park management.</p> <p>2.5 Hold special PPMP integrated coastal zone management team meetings to complete and initiate PPMP 10-year management plan, including governance/management body framework, using findings from of biodiversity assessments, governance analysis, and stakeholder meetings, within the 2016 MP systems governance framework.</p> <p>2.6 Conduct end of project review to evaluate lessons learned from this project and potential for replication in Anguilla's other MPs.</p> <p>3.1 Install (and maintain) mooring buoys to facilitate the recovery of anchor-damaged benthic habitats.</p> <p>3.2 Complete operational plan for the eradication of most harmful invasive alien species in PPMP (rats).</p> <p>3.3 Eradicate the most harmful invasive alien species in PPMP (eradicate rats).</p>			

- 3.4 Implement biosecurity surveillance to prevent further incursions by harmful invasive alien species within PPMP, particularly rats *Rattus sp.* and common green iguana *Iguana iguana*.
- 3.5 As part of the management plan, identify other priority integrated coastal zone management actions for PPMP with stakeholders and create action plan for implementation.
- 3.6 Implement additional priority management measures as agreed by stakeholders and identified in the PPMP management plan.
- 3.7 Design and launch long-term biodiversity monitoring to measure and evaluate the impacts of the restoration actions above.
- 3.8 Produce at least one peer-reviewed paper on PPMP restoration methods, results and lessons learned.
- 4.1 Undertake training and on-the-job mentoring of DFMR staff, ANT staff, and volunteers/stakeholders in biodiversity surveys, monitoring and key restoration methods (terrestrial and underwater).
- 4.2 Hold multi-stakeholder workshop in marine park benefits and values.
- 4.3 Use findings from Outputs 1 and 2 to inform the development of an advocacy and public awareness plan.
- 4.4 Conduct surveys pre- and post-project to determine changes in levels of awareness about Anguilla's marine parks and integrated coastal zone management.
- 4.5 Implement public awareness plan (to include radio programmes, newspaper programmes, newsletters, presentations, and social media).
- 4.6 Publicise and report on project progress and results through national and international media and directly to national groups and Executive Council.
- 4.7 Advocate for integrated coastal zone management approach for all of Anguilla's marine parks.

27. Sustainability: How will the project ensure benefits are sustained after the project has come to a close? If the project requires ongoing maintenance or monitoring, who will do this? (200 words max)

The project will accomplish a number of major actions (e.g. eradicating rats from the PP cays) that will have lasting benefits without repeating. However, the Project's main purpose is to establish the long-term, collaborative ecosystem-based management of PPMP. The costed management plan will set out how the park will continue to be managed and monitored, supported by legislation, financing, and stakeholder involvement.

DFMR and ANT, with the PPMP management team, will continue biodiversity and biosecurity monitoring (terrestrial and marine) as part of their on-going work programmes. The monitoring system will be tailored to the expected resources of these organisations, and FFI, and University of Roehampton will continue providing advice and oversight if needed as part of their portfolio of knowledge exchange. The RSPB's Senior UKOT Officer is committed to supporting conservation efforts in UKOTs, including fundraising.

Training local resource managers from Anguilla-based organisations, stakeholders and volunteers in survey methods, monitoring, and island restoration will build long-term national capacity. Knowledge and skills developed can also be applied within the region, assisting colleagues around the Caribbean. Raising awareness amongst those who use the PPMP will allow stakeholders to engage in and more fully support plan implementation, post-project.

28. 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. (200 words max)

All outputs will be made freely available online. The PPMP management plan will be available through the GOA's and ANT's websites. Hard or electronic versions will also be disseminated to any individual that contacts either partner agency directly. The availability of these documents will be publicised through press releases and stakeholder meetings. Similarly, marine and terrestrial biodiversity monitoring reports will be uploaded to the GOA and ANT websites. Seabird monitoring data will be uploaded directly to the BirdLife International database and sea turtle monitoring data will be shared with the State of the World's Turtles (SWOT) for uploading to their global database.

National and international scientists attached to this project will be urged to choose Open Access journals where possible and to take advantage of sites that promote and allow for the sharing of scientific papers (e.g. ResearchGate).

29. Monitoring & Evaluation:

Describe, referring to the Indicators above, how the progress of the project will be monitored and evaluated, making reference to who is responsible for the project's M&E. Darwin Initiative projects are expected 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. (Max 500 words)

DFMR, ANT and FFI, and specifically, Stuart Wynne (Project Leader) are responsible for ensuring that the project is on schedule and is monitored. The project will also be overseen by a Project Steering Group that will comprise the principles from each project partner as well as independent experts from outside the project, including Dr Matt Goetz (herpetologist, Durrell Wildlife Conservation Trust) and Mr. Lyndon John (UKOTs Officer-Caribbean, RSPB). These independent members will be objective in assessing and evaluating the progress of the project against the specified indicators, timelines, and budget. The Project Steering Group will meet at the start of the project and quarterly thereafter, a progress report will follow each Steering Group meeting. Additional meetings to discuss specific aspects of project components will be called when necessary. A second management team, comprised of the Project Steering Group plus local stakeholders, will be established to oversee the development of an integrated coastal area management plans for Prickly Pears and will meet every other month. These meetings will also evaluate the progress of the project component in relation to the specified output indicators, timelines and budget.

As part of the monitoring and evaluation process of this project, the Project Steering Group will create and follow an M&E plan which will include M&E of project performance and project impact:

1. M&E of project performance. Performance monitoring will focus on management and oversight of project activities in an effort to ensure and improve efficiency and effectiveness of project implementation. As an on-going process, information on project activity implementation will be compared to those scheduled within the work plan in order to assess delivery of project outputs, identify problems and constraints, make recommendations on how to improve delivery, and identify lessons learned. Progress reports and project implementation reviews will compile quarterly.

2. M&E of project impact. Project impact will also be an on-going process with key indicators (identified within the logframe) being reviewed and assessed. An M&E matrix will be created to guide project result and impact evaluation and will be informed by data collected throughout the project. As part of the project's M&E process, and integrated into the M&E plan, DFMR and ANT will undertake biodiversity and biosecurity monitoring of the Prickly Pear Marine Park and cays to track levels of impact of conservation actions and to measure success. These will include standardised measures of reptiles, birds, fish invertebrates and plants, and routine surveillance for rodents and other harmful aliens. The success and usefulness of training exercises and exchange of knowledge will be assessed through questionnaires of those taking part before and after training has been undertaken. Scientific outputs will also be rigorously assessed through the peer-review process during publication.

The M&E plan will allow for adaptive and iterative project management: we recognise that challenges and uncertainty exist and that steps may need to be taken to ensure success both within the context of the project but also long-term post-project.

Number of days planned for M&E	38
Total project budget for M&E	GBP 24,460
Percentage of total project budget set aside for M&E	5%

30. Financial controls: Please demonstrate your capacity to manage the level of funds you are requesting. (Who is responsible for managing the funds? What experience do they have? What arrangements are in place for auditing expenditure?)

Overall financial control will be the responsibility of the Stuart Wynne (DFMR), who will be responsible for managing the funds, supported by the administrative staff of the DFMR/GOA. Stuart Wynne has

considerable experience in running research projects of this nature gained in over a decade of work within the Caribbean and Bahamas. Such projects include leading research and advisory coordination of the Northern Andros Island Marine Park (Bahamas); production of a revised management plan for Cades Bay Marine Reserve (Antigua); and over a dozen integrated projects while working in Anguilla for the DFMR. In this capacity he has regularly been responsible for financial management of research grants and contracts. 6 monthly statements of expenditure will be produced and compared against the budget and ensure that spending is in line with expectation. These will be checked bi-annually by the Project Steering Group. All project accounts will be audited by the GOA Auditor General. DFMR also has the support of the Government of Anguilla Treasury Department and Auditor General to assist with accounting and auditing.

Tight, efficient financial oversight will be maintained by using a single project cost code, allowing monthly statements to be compiled by the GOA.

Please complete the separate Excel spreadsheet which provides the Budget for this application. Some of the questions earlier and below refer to the information in this spreadsheet. If you are requesting over £100,000 from Darwin Plus, you must complete the full spreadsheet.

31. Value for Money

Please explain how you worked out your budget and how you will provide value for money through managing a cost effective and efficient project. You should also discuss any significant assumptions you have made when working out your budget. (200 words max)

This project represents excellent value for money and brings together a dynamic consortium of many interested individuals and groups, including GOA, ANT, INGOs, landowners and local businesses, to work together to address PPMP. By combining resources and expertise, the project will leverage substantial in-kind support to make PPMP successful. It will also allow for multiplier effects: methods and skills developed by this project will be applied to advance the management of all seven MPs in Anguilla.

Considerable cost-savings will be made using existing equipment provided by project partners and by DFMR and ANT using their areas of expertise to lead the implementation of different project components, thereby allowing concurrent activity implementation and maximising local expertise. By using previous experiences and building on already-established relationships (locally and internationally), we put ourselves in a position to maximise both financial investment and results. This project utilises equipment, boat costs, and relationships from previous and on-going work such as, the Dog Island Restoration Project, biodiversity monitoring programmes, Lesser Antillean iguana recovery project and a Leverhulme Fellowship awarded to Dr Soanes which will run alongside this study (2015-2018).

A public awareness campaign will run alongside this project; DFMR and ANT will conduct and cover these costs.

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

Please add/remove columns to reflect the length of your project. For each activity (add/remove rows as appropriate) indicate the number of quarters it will last, and shade only the quarters in which an activity will be carried out. The workplan can span multiple pages if necessary.

Activity	No. of months	Year 1				Year 2				Year 3			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Output 1													
1.1 Conduct marine ecosystem assessments within the Prickly Pear Marine Park boundaries and compare to 2005 baseline assessments.	0.25	x											
1.2 Conduct full project baseline biodiversity assessments of Prickly Pear cays' fauna and flora.	0.75	x	x	x									
1.3 Present results of benthic and terrestrial assessments to landowners and other Prickly Pear integrated coastal zone stakeholders.	0.5				x								
Output 2													
2.1 Establish Project Steering Committee and meet quarterly.	0.75	x	x	x	x	x	x	x	x	x	x	x	x
2.2 Establish PPMP integrated coastal zone management team and meet every other month.	1.5	x	x	x	x	x	x	x	x	x	x	x	X
2.3 Hold quarterly meetings for PPMP stakeholders and management authorities.	0.75	x	x	x	x	x	x	x	x	x	x	x	X
2.4 Conduct socio-economic assessment of PPMP stakeholders to inform PPMP management plan, including identification of stakeholder values, positions, and concerns for coastal resources and marine park management.	2.0			X	x								
2.5 Hold special PPMP integrated coastal zone management team meetings to complete and initiate PPMP 10-year management plan, including governance/management body framework, using findings from of biodiversity assessments, governance analysis, and stakeholder meetings, within the 2016 MP systems governance framework.	3.25				x	x				x			
2.6 Conduct end of project review to evaluate lessons learned from this project and potential for replication in Anguilla's other MPs.	0.5												x
Output 3													

Activity	No. of months	Year 1				Year 2				Year 3				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
3.1	Install (and maintain) mooring buoys to facilitate the recovery of anchor-damaged benthic habitats.	4.0					x	x	x	x	x	x	x	x
3.2	Complete operational plan for the eradication of most harmful invasive alien species in PPMP (rats)	0.5		x										
3.3	Eradicate the most harmful invasive alien species in PPMP (eradicate rats).	3.5				x								
3.4	Implement biosecurity surveillance to prevent further incursions by invasive alien species within PPMP, particularly rats <i>Rattus sp.</i> and common green iguana <i>Iguana iguana</i> .	3.0						x	x	x	x	x	x	x
3.5	As part of the management plan, identify other priority integrated coastal zone management actions for PPMP with stakeholders and create action plan for implementation.	0.75								x	x			
3.6	Implement additional priority management measures as agreed by stakeholders and identified in the PPMP management plan.	2.0									x	x	x	x
3.7	Design and launch long-term biodiversity monitoring to measure and evaluate the impacts of the restoration actions above.	1.25					x	x		x	x			
3.8	Produce at least one peer-reviewed paper on PPMP restoration methods, results and lessons learned.	0.5												x
Output 4														
4.1	Undertake training and on-the-job mentoring of DFMR staff, ANT staff, and volunteers/stakeholders in biodiversity surveys, monitoring and key restoration methods (terrestrial and underwater).	1.5	x			x	x							
4.2	Hold multi-stakeholder workshop in marine park benefits and values.	0.5				x								
4.3	Use findings from Outputs 1 and 2 to inform the development of an advocacy and public awareness plan.	0.5					x							
4.4	Conduct surveys pre- and post-project to determine changes in levels of awareness about Anguilla's marine parks and integrated coastal zone management.	2.0	x											x
4.5	Implement public awareness plan (to include radio programmes, newspaper programmes, newsletters, presentations, and social	2.0							x	x	x	x	x	x

Activity	No. of months	Year 1				Year 2				Year 3			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
media).													
4.6 Publicise and report on project progress and results through national and international media and directly to national groups and Executive Council.	2.25	x	x	x	x	x	x	x	x	x	x	x	x
4.7 Advocate for integrated coastal zone management approach for all of Anguilla's marine parks.	0.5									x	x	x	x

CERTIFICATION

On behalf of the trustees of Department of Fisheries and Marine Resources,
Government of Anguilla


I apply for a grant of £289,440 in respect of **all expenditure** to be incurred during the lifetime of this project based on the activities and dates specified in the above application.

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 lead institution to submit applications and sign contracts on their behalf.*)

- I enclose CVs for key project personnel and letters of support.
- I enclose the most recent 2 years of signed and audited/independently verified accounts.

Name (block capitals)	STUART WYNNE
Position in the organisation	Deputy Director

Signed



Date:

24 August 2016

If this section is incomplete the entire application will be rejected. You must provide a real (not typed) signature. You may include a pdf of the signature page for security reasons if you wish. Please write PDF in the signature section above if you do so.

Application Checklist for submission

	Check
Have you read the Guidance ?	
Have you read the current Terms and Conditions for this fund?	
Have you checked the Darwin Plus website immediately prior to submission to ensure there are no late updates?	
Have you provided actual start and end dates for your project?	
Have you provided your budget based on UK government financial years i.e. 1 April – 31 March and in GBP?	
Have you checked that your budget is complete , correctly adds up and that you have included the correct final total on the top page of the application?	
Has your application been signed by a suitably authorised individual? (clear electronic or scanned signatures are acceptable in the email)	
Have you included a 1 page CV for all the key project personnel?	
Have you included a letter of support from the applicant organisation, <u>main partner(s)</u> organisations and the relevant OT Government?	
Have you included a copy of the last 2 years' annual report and accounts for the lead organisation?	

Once you have answered the questions above, please submit the application, not later than midnight **2359 GMT Monday 29 August 2016** to Darwin-Applications@ltsi.co.uk using the first few words of the project title **as the subject of your email**. If you are e-mailing supporting documentation separately please include in the subject line an indication of the number of e-mails you are sending (e.g. whether the e-mail is 1 of 2, 2 of 3 etc). You are not required to send a hard copy.

DATA PROTECTION ACT 1998: Applicants for grant funding must agree to any disclosure or exchange of information supplied on the application form (including the content of a declaration or undertaking) which the Department considers necessary for the administration, evaluation, monitoring and publicising of Darwin Plus. Application form data will also be held by contractors dealing with Darwin Plus monitoring and evaluation. It is the responsibility of applicants to ensure that personal data can be supplied to the Department for the uses described in this paragraph. A completed application form will be taken as an agreement by the applicant and the grant/award recipient also to the following:- putting certain details (i.e. name, contact details and location of project work) on the Darwin Initiative and Defra/FCO/DFID websites (details relating to financial awards will not be put on the websites if requested in writing by the grant/award recipient); using personal data for the Darwin Initiative postal circulation list; and sending data to Governor's Offices outside the UK, including posts outside the European Economic Area. Confidential information relating to the project or its results and any personal data may be released on request, including under the Environmental Information Regulations, the code of Practice on Access to Government Information and the Freedom of Information Act 2000.