

Applicant: **Mailer, Stuart**
Organisation: **National Trust for the Cayman Islands (NTCI)**
Funding Sought: **£197,902.00**

DPR7P\100049

Transitioning the Blue Iguana Recovery Programme to sustain conservation success

PRIMARY APPLICANT DETAILS

Name Stuart
Surname Mailer
Website (Work) **www.nationaltrust.org.ky**
Tel (Work)
Tel
Email (Work)
Address

Section 1 - Contact Details

PRIMARY APPLICANT DETAILS

Name Stuart
Surname Mailer
Website (Work) www.nationaltrust.org.ky
Tel (Work)
Tel
Email (Work)
Address

GMS ORGANISATION

Type	Organisation
Name	National Trust for the Cayman Islands (NTCI)
Phone	
Email (Work)	
Website	
Address	

Q3. Lead organisation type

Please select one of the below options.

Local NGO

Section 2 - Title, Dates & Budget Summary

Q4. Project title

Transitioning the Blue Iguana Recovery Programme to sustain conservation success

Q5. Project dates

Start date:

01 April 2019

End date:

31 March 2022

Duration (e.g. 2 years, 3 months):

3 years

Q6. UKOT(s)

(See Guidance Notes)

Which UK Overseas Territory(ies) will your project be working in? You may select more than one UKOT from the options below.

Cayman Islands

* 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 above, will your project directly benefit any other country(ies)? If so, list here.

No Response

Q7. Budget summary

Year:	2019/20	2020/21	2021/22	Total request
Q7a. Request from Darwin:	£127,604.00	£53,932.00	£16,366.00	£ 197,902.00

Q7b. Proposed (confirmed and unconfirmed) co-financing as % of total project cost 51%

Section 3 - Lead Organisation Summary









Q8. Lead organisation summary

Please provide the following information on the lead organisation

What year was your organisation established/ incorporated/ registered?	1987
What is the legal status of your organisation?	<input checked="" type="radio"/> NGO
How is your organisation currently funded?	<p>NTCI is a non-profit, statutory body which was created by The National Trust for the Cayman Islands Law of 1987.</p> <p>The NTCI is funded by individual and corporate membership dues, fundraising, donations, sales of products, ecotours in its reserves and islands-wide, and an annual, variable, government contribution.</p>
Have you provided the requested signed audited/independently examined accounts? If you select "yes" you will be able to upload these. Note that this is not required from Government Agencies.	<input checked="" type="radio"/> Yes

Please attach the requested signed audited/independently examined accounts.

The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

 <u>National Trust for the Cayman Islands FS 20</u> <u>16 SIGNED</u>  01/09/2018  21:02:57  pdf 608.1 KB	 <u>National Trust for the Cayman Islands FS 20</u> <u>17</u>  01/09/2018  21:02:57  pdf 431.05 KB
--	--

Q9. Has your organisation been awarded Darwin Initiative funding before (for the purposes of this question, being a partner does not count)?

No

If 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.

Contract/Project 1 Title	Management of protected areas to support sustainable economies (MPASSE)
Contract Value/Project budget (include currency)	

Duration (e.g. 2 years 3 months)	4 years 11 months, ended December 2014.
Role of organisation in project	NTCI led implementation of MPASSE in the Cayman Islands, including project management, implementation, monitoring and evaluation.
Brief summary of the aims, objectives and outcomes of the project	<p>Objectives:</p> <ol style="list-style-type: none"> 1. Improved eco-tourism facilities. 2. Improved environmental awareness among citizenry. 3. Improved conservation measures. 4. Implementation of conservation management plans; and 5. Improved institutional capacity. <p>Outcomes in Cayman Islands:</p> <ol style="list-style-type: none"> 1. Blue Iguana Safari tour at QEII Botanic Park and interpreted loop exploration trail at Colliers Wilderness Reserve. 2. True Blue Iguana Educators Guide introduced in all schools. 3. Purchase of additional critical habitat for release of captive bred iguanas at the Salina Reserve. 4. Lease of second area of iguana critical habitat (190 acres, Colliers Wilderness Reserve leased for 99 years) construction of access and loop exploration trail. 5. NTCI staff training.
Client/independent reference contact details (Name, e-mail, address, phone number)	
Contract/Project 2 Title	Promoting the creation and appropriate management of protected areas in Anguilla and the Cayman Islands.
Contract Value/Project budget (include currency)	
Duration (e.g. 2 years, 3 months)	2 years (October 2013 – September 2015)
Role of organisation in project	Implementation of project in the Cayman Islands.

Brief summary of the aims, objectives and outcomes of the project

Aim: The protection of terrestrial and marine habitats for their biodiversity and ecosystem services, through comprehensive protected area networks in Anguilla and the Cayman Islands.

Objectives:

1. Enhanced institutional capacity of government agencies and civil society.
2. Development and management of networks of protected areas to assure the long-term, climate change-adapted survival of the Cayman Islands' most valuable and threatened species, habitats, and ecosystems services.
3. Providing opportunities to residents and visitors to learn, enjoy, and celebrate each territory's biodiversity and ecological heritage.

Outcomes:

1. Training NTCI staff in the rapid assessment of ecosystem services by RSPB and a stakeholder workshop carrying out rapid assessments in January 2014.
2. Two workshop facilitated by RSPB on (a) making protected areas management plans climate change-informed, and (b) site identification and prioritisation, held February 2014. Attended by 26 government and non-government stakeholders from the Cayman Islands attended along with five representatives from the Anguilla National Trust.
3. Detailed evaluation of ecosystem services of two sites in the Cayman Islands (Central Mangrove System and Mastic Forest) with participation of Anguilla NT personnel, CINT staff and volunteers.
4. Public awareness campaign and policy maker engagement carried out. Contributed to designation of suitable Crown land as protected areas in 2017.
5. Publications: Childs, C., MacDonald, M.A., Bradbury, R.B. (2014). Ecosystem services provided by potential protected areas in the Cayman Islands: a rapid assessment. National Trust for the Cayman Islands. Childs, C., MacDonald, M.A., Bradbury, R.B. (2015). Ecosystem services provided by two potential protected areas in the Cayman Islands. National Trust for the Cayman Islands.

Client/independent reference contact details (Name, e-mail, address, phone number)

Contract/Project 3 Title

Securing Pockets of Paradise in the Caribbean: embedding capacity for alien species management in UKOT based organisations. (EU BEST 2.0 Project 1059, RSPB Lead Applicant)

**Contract Value/Project budget
(include currency)**

Duration (e.g. 2 years, 3 months) 3 years (May 2016 – April 2019)

Role of organisation in project Cayman Islands implementing partner.

**Brief summary of the aims,
objectives and outcomes of the
project.**

Aim:
Enable and empower local and national partners to safeguard species and habitats in Caribbean Key Biodiversity Areas through targeting invasive alien species. Implemented in the Cayman Islands, Montserrat, Turks and Caicos Islands and British Virgin Islands.

Objectives (Cayman):
1. Map extent of IAS in 4 NTCI Protected Areas within prospective KBAs.
2. Remove IAS from Mastic Reserve, Governor Gore's and Mission House Pond.
3. Training on vegetation monitoring protocols. Planting of native species.
4. Visitors and residents awareness.

Outcomes (completed or in progress):

1. Evaluation of mapping and monitoring techniques with adoption of aerial photography using a drone.
2. Removal of aquatic IAS from Mission House Pond.
3. Evaluation of clear felling of Logwood in Mastic Reserve and trial of methods for the application of herbicide to individual logwood trees to allow destruction in place.
4. Participated in cross UKOT workshop on vegetation monitoring hosted by the NPTVI and led by RBG Kew.
5. Education Programmes Manager delivered 37 presentations to students, from pre-school to University level on IAS in the Cayman Islands and their negative effects on the native flora and fauna.
6. Booklet on alternatives to IAS in landscaping in preparation by Cayman plant expert.

**Client/independent reference
contact details (Name, e-mail,
address, phone number).**

Section 4 - Project Partners

Q10. Project partners

Please list all the partners involved (including the Lead Organisation) and explain their roles and responsibilities in the project. Describe the extent of their involvement at all stages, including project development. This section should illustrate the capacity of partners to be involved in the project, and how local institutions, local communities, and technical specialists are involved as appropriate.

Please provide written evidence of partnerships. Please add fields for more partnerships, if required. Details on roles and responsibilities in this project must be given for the Lead Organisation and all project partners.

N.B. There is a file upload button at the bottom of this page for the upload of all letters of support.

Lead Organisation name: National Trust for the Cayman Islands (NTCI)

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

NTCI celebrated its 30th anniversary last year.

NTCI has been a continuous, and leading, partner in BIRP for 20 years; maintains strategic partnerships with government and non-government agencies both locally, regionally and internationally, e.g. – Dept. Environment, Queen Elizabeth II Botanic Park, RSPB, BirdsCaribbean, Wildlife Conservation Society, San Diego Zoo, and University of Mississippi.

As day-to-day operating partner in BIRP NTCI is on the front line in caring for the captive population, uniquely positioned to identify threats from feral dogs, cats and green iguanas and is highly committed to minimising deaths from these sources as well as ensuring the fittest head-started individuals for release into the wild.

NTCI leads project from within the Cayman Islands, developing this project proposal and providing staffing at all levels of the project.

The senior members of the 13 strong staff hold relevant professional and academic qualifications. The Project Leader has over 10 years' experience with NTCI and is currently implementing an alien invasive species management project funded by EU BEST 2.0.

NTCI will be responsible for executing project, co-ordinating partners, purchasing and administering funding and M&E elements. NTCI will perform oversight in conjunction with the established Steering Committee for BIRP.

Have you included a Letter of Support from this organisation? No

Please explain why. Applicant is the lead organisation.

Do you have partners involved in the Project?

Yes

The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

1. Partner Name: The Queen Elizabeth II Botanic Park (QEIBP),

Website address: <http://www.botanic-park.ky>

Details (including roles and responsibilities and capacity to engage with the project): The Queen Elizabeth II Botanic Park (QEIBP), opened in 1994, encompasses 65 acres of native woodland trails and gardens dedicated to floral diversity, Caymanian heritage and medicinal plants, and regional and neotropical xerophyte. QEIBP hosts the BIRP captive breeding facility and a population of free-roaming blue iguanas. QEIBP supports outreach through its website and facilitates schools and educational programmes of the NTCI and others.

General Manager, John Lawrus has headed the Gardens since 2010, holds an RGB Kew International Botanic Garden Management, and has worked closely with the Captive Breeding Facility at the Park for more than 15 years. Nick Johnson was recently appointed Horticultural Manager. He brings over 20 years of experience in nursery and conservation management including 17 years at RBG Kew.

QEIBP's role in the project is to provide advice for Output 3.0: including Activities 3.2 and 3.3 (design of planting plots, plant choices, seed collection and storage, maintenance protocols). QEIBP will work closely with BIRP to ensure that construction and repairs provided for in Outputs 2.0 and 3.0 can be carried out with minimal disruption to other aspects of the BIRP and Botanic Park activities. QEIBP will be responsible for providing relevant feedback and input.

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

Do you have more than one partner involved in the Project?

Yes

2. Partner Name: Dr Paul P. Calle, Chief Veterinarian, Wildlife Conservation Society, New York, USA

Website address: <https://www.wcs.org/our-work/solutions/health>

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

WCS's Zoological Health Program has provided veterinary support to BIRP since 2001, in conjunction with the IUCN Iguana Specialist Group and St. Matthews Veterinary School, Grand Cayman. Dr Paul Calle oversees a team of 3-5 volunteer veterinarians. The team's contributions included pre-release evaluations and health assessments of Grand Cayman iguanas at the QEIBP captive breeding facility and free-ranging iguanas; determining baseline haematologic and biochemical parameters, enteric culture, parasite screening and treatments, and providing medical care as necessary.

WCS's role in the project will be to participate in Output 1.0 – development of a new 5-year Strategic Species Action Plan for BIRP. For Output 3.0 WSC will (together with San Diego ICR) provide advice for husbandry and nutrition improvements and techniques for recording and reporting measurements of change against the baseline levels of weight and body condition indices. WCS will be responsible for providing timely reporting of annual health evaluations.

Continued partnership with U.S. based institutions is justified on the grounds that these institutions represent the state-of-the-art in *Cyclura* biological and veterinary research.

Have you included a Letter of Support from this organisation?

Yes

3. Partner Name:

Dr Tandora Grant, Conservation Program Specialist in Population Sustainability, San Diego Zoo and AZA SSP Coordinator, and Population Management Advisor to BIRP.

Website address:

<http://institute.sandiegozoo.org>

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

BIRP partner Dr Tandora Grant of San Diego Zoo, Institute of Conservation Research (ICR) maintains a comprehensive stud book for the captive breeding programme (Grant et al. 2009). She evaluates genetic and demographic statistics to determine captive breeding pairs and wild release candidates. Molecular data is used in order to further define the fitness of reintroduced populations and to guide management actions. Two other members of the San Diego Population Sustainability group (Dr Glenn Gerber and Dr Jeff Lemm) have extensive experience in rock-iguana breeding, nutrition and re-introduction research. The strategy of the Population Sustainability division is to integrate behaviour and ecology to ensure population viability to achieve the ICR goal of saving plant and animal species worldwide.

SDZICR's role in the project will be to participate in Output 1.0 – development of a new 5-year Strategic Species Action Plan for BIRP. For Output 3.0 SDZICR will (together with WCS) provide advice for husbandry and nutritional improvements and techniques for recording and reporting measurements of change against the baseline levels of weight and body condition indices.

Continued partnership with U.S. based institutions is justified on the grounds that these institutions represent the state-of-the-art in Cyclura biological and veterinary research.

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

4. Partner Name: *No Response*

Website address: *No Response*

Details (including roles and responsibilities and capacity to engage with the project): *No Response*

Have you included a Letter of Support from this organisation? Yes
 No

5. Partner Name: *No Response*

Website address: *No Response*

Details (including roles and responsibilities and capacity to engage with the project): *No Response*

Have you included a Letter of Support from this organisation? Yes No

6. Partner Name: *No Response*

Website address: *No Response*

Details (including roles and responsibilities and capacity to engage with the project): *No Response*


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 letters of support from the lead organisation and all partners as a combined PDF.

 [DPR7P 100049 Support letters](#)

 03/09/2018

 00:17:54

 pdf 1.02 MB

Section 5 - Project Staff

Q11. Project staff

Please identify the core staff on this project, their role and what % of their time they will be working on the project.

These should match the names and roles in the budget spreadsheet.

Please provide 1 page CVs for these staff.

Name (First name, Surname)	Role	% time on project	CV attached below?
Stuart Mailer	Project Leader	17%	Checked
Nick Ebanks	NTCI - Operations Manager	32%	Checked
Nick Johnson	QEIIBP - Horticultural Advisor	5%	Checked

Joe Jameison - Assistant Field Officer NTCI-BIRP Construction/repairs, animal and plant husbandry 35% Checked

Do you require more fields?

Yes

Name (First name, Surname)	Role	% time on project	CV attached below?
Jeff Gill	NTCI-BIRP Construction/repairs, animal and plant husbandry	33	Checked
Sammy Murphy	NTCI Accountant	15	Checked
Cathy Childs	NTCI Environmental Programmes Education delivery	5	Checked
To be hired	Workshops, Strategic Plan, desktop research reports	100	Checked
Fred Burton	Department of Environment, SSAP workshops and Survey Leader for Objective 4	8	Checked
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	Unchecked
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	Unchecked
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	Unchecked

Please provide 1 page CVs (or job description if yet to be recruited) for the Project staff listed above as a combined PDF. Ensure CVs clearly correspond to the named individual and role above.

The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

 **DRP7 100049 CVs**

 03/09/2018

 18:29:23

 pdf 2.03 MB

Have you attached all Project staff CVs?

Yes

Section 6 - Background & Methodology

Q12. Summary of Project

Please provide a brief summary of your project, its aims, and the key activities you to undertake. Please note that if you are successful, this wording may be used by Defra in communications e.g. as a short description of the project on GOV.UK. Please bear this in mind, and write this summary for a non-technical audience.

Saving the Cayman Islands Blue Iguana from extinction is not enough. Transitioning the Blue Iguana Recovery Programme to sustain conservation success will be achieved by developing an updated Strategic Action Plan, by increasing the efficiency of the captive breeding facility through better nutrition and isolating the iguanas from new diseases carried by invasive alien species, and by providing sufficient financial and human resources to monitor the progress of 1,000 iguanas set free to roam 900 acres of wild reserves.

Q13. 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?

Twenty years of dedication by the Blue Iguana Recovery Programme has saved *Cyclura lewisi* from the brink of extinction. The 1,000th head-started iguana was recently released into the newest wild reserve. These key milestones, coupled with increasing challenges from invasive species and disease threats, signal that BIRP is transitioning to a conservation strategy.

Gap analysis shows that BIRP needs revitalised facilities (which back-stop wild populations, and generate sustainable funding through ecotourism encounter) to ensure biosecurity and improve husbandry. Capacity to better monitor the wild populations in hundreds of hectares of difficult terrain is urgent.

This project will fund workshops to create an updated Strategic Plan, with input from all key partners. Security fencing surrounding the breeding facility will be reinforced to exclude invasive animals. Husbandry of iguanas will be improved by repair of aging cages and pens and improving their nutrition through research, on-site cultivation of foodplants and developing new food sources. Project aims to marshal and fund local and international capacity to perform the in-situ surveys.

Government priorities addressed are: National Biodiversity Action Plan 2009 objectives, (restore, maintain, protect Blue Iguanas in natural habitats), (improve dietary supply, content, diversity); Species Conservation planning required under the National Conservation Law 2013.

Q14. Methodology

Describe the methods and approach you will use to achieve your intended Outcome 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.

Methods to achieve objectives and intended outcome.

1.0 The Strategic Species Action Plan 2020-25 (SSAP) for long-term conservation will be developed using same techniques that worked to produce prior recovery actions plans. We will again bring together established partners in workshops and via conferencing to perform a comprehensive evaluation, draft the Plan, and agree its final contents. A temporary position of SSAP Secretariat will be created. The person

contracted will have proven writing skills to perform drafting of agendas, reports and the SSAP itself. Additionally s/he will arrange workshops and manage monthly video conferencing among stakeholders. The new SSAP will build on prior, but expired plans and interim conservation strategies. The SSAP Secretariat is expected to become familiar with these documents and to be able to provide an analysis of the history and current position of BIRP to focus the attention of the first workshop towards relevant planning goals. SSAP Secretariat will report to the Project Manager.

2.0 Captive Breeding Facility repairs, and revitalisation will be undertaken by BIRP staff who have the necessary skills (with assistance of contracted labour, where time or cost effective). Construction materials and heavy equipment are all readily available for purchase or hire. The Operations Manager is on site daily for supervision. Reporting to and inspection by the Project Manager will be followed by M&E oversight.

3.0 Iguana nutrition improved and diversified by (i) wild food plant cultivation plots built at Captive Breeding Facility, (ii) food-gathering transport and refrigeration replaced, (iii) recruitment of partner supermarket to supply surplus vegetables.

BIRP will take advantage of the expertise residing in the former Director and our long-established partners, SDZICR and WSC, to establish a wild food plant nursery to supplement and expand the diet (especially in the dry season) of the ex-situ population of iguanas. A desk-top review of the literature and polling of the stakeholders will shortlist candidate species from the more than 100 species of plants that Blue Iguanas are reported to eat. The QEIIBP Horticulture Manager will advise on the shortlist identified for cultivation in addition to overseeing bed construction and maintenance.

Zoo feeding programmes have confirmed that green leafy vegetables are a good source of nutrition for ex-situ iguana (Lemm 2010). The project will be innovative in targeting the three major supermarket chains to provide a supply from produce deemed past sell-by-date but still suitable for iguana consumption.

Purchase of capital items will be conducted according to standards relevant to the value of the item, with up to three bids solicited and final approval from the Project Manager.

4.0 Surveys of wild populations. Desktop analysis of special challenges of preparing for and surveying the enlarged areas of occupancy at Colliers and Salina Reserves revealed by 2018 survey and identification of survey candidates who are physically capable and available will be performed by staff in conjunction with Survey Leader. Sufficient lead time for complete trail clearance by professional contractors is allowed. Surveys will be conducted in accordance with the established distance sampling protocol.

If necessary, please provide supporting documentation e.g. maps, diagrams etc., using the File Upload below.

The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

↓ **MAPs v1**
📅 03/09/2018
🕒 19:03:49
📄 pdf 384.5 KB

Section 7 - Objectives, Stakeholders & Sustainability

Q15. Project Objectives

How does this project:

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

a. Priorities

Project contributes to priority issues for Round 7 by meeting objectives and actions of the Cayman Islands National Biodiversity Action Plan 2009, specifically: Objective 2 (restore, maintain, protect Blue Iguanas in natural habitats) and Safeguards & Management 9 (Improve dietary supply, content, diversity).

Project has a clear environmental outcome: transition BIRP from recovery to strategic conservation, measured by publication of a new five-year Action Plan, gains in husbandry and nutrition, and execution of effective survey of enlarged wild population footprint. Provide pragmatic solutions in ongoing battle to protect Captive Breeding Facility from incursions by invasive green iguana, which is a suspected vector for Helicobacter disease transmission.

Project supports existing national commitments in Cayman Islands - UK Environmental Charter: Commitments 2 (protection of species), 9 (education), 10 (public awareness), The SSAP will become the foundation of the National Conservation Council's statutorily-mandated Species Conservation Plan.

Project contributes to Convention of Biological Diversity (Articles 6a, 7b, 8d, f, 9b,c,d, 10e, 13a), and equivalent objectives of Protocol concerning Specially Protected Areas and Wildlife, Aichi Biodiversity Targets (1, 12, 17).

Demonstrates strong local ownership with NTCI as lead applicant and partners/stakeholders, QEIIBP, DoE. Project is supported by CI Government and builds on the experience of all of these agencies. Commitment from local stakeholders is provided.

Outcomes will continue good environmental decision-making through delivery of a new five-year Strategic Species Action Plan replacing expired plans and contributing an important element to updating the National BAP.

b. Technical excellence

Project will continue a success story 20 years in the making. Planning, goal, purpose and outputs are driven by clearly defined needs of BIRP. Activities are practical and achievable, having precedent (prior iguana recovery and conservation strategy plans), benefit of a body of Cyclura research, or involve simple infrastructure upgrades. Risks are identified as being limited and mitigating actions are plausible.

Monitoring and evaluation plan incorporates external oversight via the BIRP Steering Committee, including the NTCI Environmental Programmes Advisory Committee. A pragmatic exit strategy is in place from the start of funding.

Value for money is demonstrated in a number of ways, e.g. by the budgeting for a used hybrid vehicle which attracts low import duties and outperforms electric vehicles on an island where electricity is generated by diesel; and, combining workshops with regularly scheduled veterinary partner visits.

c. Impact

NTCI has established capacity and capability to deliver the project (Sections 10, 11, 17) and, where capacity is lacking, contribution from international partners and external consultant(s) or temporary hires is factored

in.

Project sustains an outstanding, existing, endangered species recovery and contributes to enlargement of eco-tourism environmental goods and services within the Cayman Islands, which in turn creates greater demand for protection of the environment and biodiversity. Outcomes of the project will be promoted by Environmental Programmes Education and Outreach.

Project sustainability is ensured through the commitment of NCTI to continue funding key salaries throughout the project and post-Darwin funding. Project workshops will provide training in incorporating sustainability planning within the new Strategic Species Action Plan.

Q16. 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.

Stakeholders for this project include:

1. Government of the Cayman Islands (via Department of Environment) have endorsed this project and provided a letter of support. As a governmental partner in BIRP the Department of Environment will be engaged in project implementation, primarily through their involvement in Objective 1, SSAP development, through Survey Leader, Frederic Burton's input to Objective 4, and generally, as a member of the BIRP Steering Committee.
2. The Tourist Attraction Board supports eco-tourism initiatives that contribute to the sustainability of the QEIIBP. The needs of tour operators who bring visitors to the QEIIBP and the BIRP CBF Blue Iguana Safari have been evaluated by NTCI. Positive outcomes of the project will be communicated to tour operators by TAB, providing incentives for increased traffic to the facilities.
3. The NTCI membership and the general public will be engaged through public awareness activities including: outreach via the NTCI website and conventional and social media. The NTCI's and independent schools' programmes will benefit from the project. The Environmental Education Officer typically delivers the "True Blue" iguana educational package in all schools annually, updating the content and delivery according to new results and activities.

Q17. Institutional Capacity

Describe the lead organisation's capacity (and that of partner organisations where relevant) to deliver the project.

NTCI is a non-profit, statutory body created by The National Trust for the Cayman Islands Law 1987 for purposes of preservation of Cayman's historic, natural, and maritime heritage; conservation of lands, natural features and submarine areas of beauty, historic or environmental importance and protection of the islands' native flora and fauna.

NTCI currently owns and manages more than 3,400 acres (approximately five percent of the Cayman Islands' landmass). Twelve nature reserves, protecting a variety of habitats have been created across the three Cayman Islands. Little Cayman Booby Pond Reserve is the only Ramsar designated site in the Islands. NTCI has 13 staff members, is supported by a governing Council and district committees in each of the three islands and a membership of 1,300 individual and corporate members.

NTCI has been a continuous and leading partner in BIRP for 20 years; it maintains strategic partnerships with government and NGOs both locally, regionally and internationally, e.g. – Dept. Environment, Queen Elizabeth II Botanic Park, RSPB, the National Trusts in the Caribbean UKOTS, BirdsCaribbean, Wildlife Conservation Society, San Diego Zoo, and University of Mississippi.

The Queen Elizabeth II Botanic Park (QEIBP), encompasses 65 acres of native woodland trails and gardens dedicated to floral diversity, Caymanian heritage and medicinal plants, regional and neotropical xerophytes. QEIBP hosts the BIRP captive breeding facility and a population of free-roaming blue iguanas. QEIBP supports outreach through its website and facilitates schools and educational programmes of the NTCI and others.

The Wildlife Conservation Society's Zoological Health Program has provided veterinary support to BIRP since 2001. Founded in 1895, WCS has harnessed veterinary, epidemiological, and other health science expertise to save wildlife and wild places around the globe. WCS builds local capacity and engages partners across conservation, public health, and agriculture. WCS initiated and remains a leader in the One World – One Health™ interdisciplinary approach. WCS operates the Bronx Zoo in New York.

For BIRP WCS veterinarians have determined baseline hematologic and biochemical parameters, characterised enteric bacteria and parasites, and documented a novel pathogenic *Helicobacter* infection that has resulted in deaths of infected Blue Iguanas and lead to the development of new pre-release quarantine procedures.

San Diego Zoo, Institute of Conservation Research (ICR) is internationally recognised for its work in saving plant and animal species worldwide with a staff of more than 50 researchers. Three members of the Population Sustainability group have extensive experience in rock-iguana breeding, genetics, nutrition and reintroduction research. The strategy of the Population Sustainability division is to integrate behaviour and ecology to ensure population viability to achieve the ICR purpose of saving plant and animal species worldwide.

The Cayman Islands Department of the Environment is engaged in BIRP as a member of the Steering Committee and Fred Burton (now Terrestrial Research Unit head) was the instigator and former Director of BIRP, providing valuable continuity for the direction of the programme. DoE staff perform Blue Iguana surveys and have also been surveying the spread of invasive green iguanas for a number of years, trialling eradication and management.

Q18. 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 and how will it be funded?

Funding of this project ensures that appropriate capacity is directed to filling recognised gaps in the continuation of the BIRP and complements other projects aimed at developing greater sustainability through the ecotourism value of the Programme. The objectives of this project will be sustained after the project is finished through: (a) adoption of a five year SSAP which is not expected to require further major revisions after the expiry as the programme transitions to a stable state of conservation management; (b) purchase of a low-mileage, low maintenance, recent model year, hybrid vehicle, (c) the upgrades to the CPF have a conservative life-expectancy of at least 10 years.

Other projects in progress include improving sustainable funding via the acclaimed Blue Iguana Safari Tour by adding visitor pick-up and wheelchair access. Ongoing BIRP staffing is sustained by NTCI, in part from a government grant.

We recognise that funding for future surveys of wild populations will need to be sourced for two out of every three years. The SSAP will develop a specific volunteer outreach programme for this purpose. Monitoring of the execution of future surveys will continue to be carried out by NTCl and the BIRP Steering Committee.

Section 8 - Funding and Budget

Q19. Budget

Please complete the appropriate Excel spreadsheet, which provides the Budget for this application. Some of the questions earlier and below refer to the information in this spreadsheet. Note that there are different templates for projects requesting over and under £100,000 Darwin Plus budget


- **R7 D+ Budget form for projects under £100,000**
- **R7 D+ Budget form for projects over £100,000**

Please refer to the [Finance Guidance for Darwin and IWT](#) for more information.

N.B.: Please state all costs by financial year (1 April to 31 March) and in GBP. Budgets submitted in other currencies will not be accepted. Use current prices – and include anticipated inflation, as appropriate, up to 3% per annum. The Darwin Initiative cannot agree any increase in grants once awarded.

 [darwin-plus-round7-budget-over-100k v3](#)

 02/09/2018

 23:46:16

 xls 151.5 KB

Q20. Co-financing

Are you proposing co-financing?

Yes

Secured

Provide details of all funding successfully levered (and identified in the Budget) towards the costs of the project, including any income from other public bodies, private sponsorship, donations, trusts, fees or trading activity, as well as any your own organisation(s) will be committing.

(See "[Finance for Darwin & IWT](#)" and the "[Guidance for Applicants](#)" documents)

Co-funding is principally in the form staffing contributions to the project. Co-funding of GBP X is based on expectation that sources of income and level of staffing support throughout the project period remain at or near the levels reported in the NTCl Financial Statements for the past three years. Similarly Department of Environment co-funding via staff availability is predicated on government budget forecasts remaining at or near current levels. DoE also contributes to Travel and Subsistence by providing accommodation for some of the overseas participants in Objectives 2 and 4 in their a visiting-scientist apartment.

Secured co-funding by WCS has not been confirmed for this project, however secured co-funding of WCS for annual veterinary monitoring in 2019 and 2020 enables Output 1 to be scheduled in the most

cost-effective manner, in particular no duplication of airfares for three participants are necessary.

Unsecured

Provide details of any co-financing where an application has been submitted, or that you intend applying for during the course of the project. This could include co-financing from the private sector, charitable organisations or other public sector schemes.

Date applied for	Donor Organisation	Amount	Currency code	Comments
16 May 2018	Disney Conservation Fund		US\$	Application entitled="Blue Iguana Recovery achieves sustainability" focused on transport for the Blue Iguana Safari Tour and a revitalized BIRP facility, including wheelchair access and shading, to ensure sustainable funding for continued conservation, public outreach and threat response. If successful US\$X of the request is earmarked to be applied to repair/replacement of wooden cages and one refrigerator.

No
Response

Expected
workshop
participants

GBP

Secured co-funding by WCS, SDZ and other partners who are expected to attend the SSAP workshops has not been confirmed for this project however we have budgeted with the expectation that such amounts will be co-funded by the participants and that the project will not be obliged to find funding.

No
Response

No Response

No Response

No Response

No Response

No
Response

No Response

No Response

No Response

No Response

Please give brief details including when you expect to hear the result. Please ensure you include the figures requested in the Budget Spreadsheet as Unconfirmed funding.

Disney application entitled "Blue Iguana Recovery achieves sustainability" focused on transport for the Blue Iguana Safari Tour and a revitalized BIRP facility, including wheelchair access and shading, to ensure sustainable funding for continued conservation, public outreach and threat response. If successful US\$X of the request is earmarked to be applied to repair/replacement of wooden cages and one refrigerator. Date of expected outcome: November 2018.

Notification of co-funding of expected workshop participants is likely to occur after invitations have been formally issued.

Do you require more fields?

No

Section 9 - Financial Controls, Value for Money & Open Access

Q21. 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?

Executive Director and Finance Manager of NTCl will have primary responsibility for managing all funds related to this project.

Executive Director currently manages the NTCI's operating budget, liquid assets over \$X per annum. Previously, she managed global business development budgets for Deloitte and Mouton Ozannes over \$X. The Finance Manager is a qualified accountant, with over 20 years' experience. For the past five years, she has managed liquid assets over \$X for a family office.

Environmental Programmes Manager will administer the grant and submission of expenditures according to the project plan. In his career at Atlantis Submarines the EPM delivered the opening of operations in the Bahamas and later managed offshore operations, maintenance, ticketing and retail in Cayman.

Auditing: Treasurer of the NTCI Council is CFO of a leading law firm. Accounts are audited yearly, as mandated by the NTCI Law, by global independent accountancy firm, Grant Thornton.

Q22. Financial Management Risk

Explain how you have considered the risks and threats that may be relevant to the success of this project, including the risks of fraud or bribery.

NTCI is subject to laws and regulations of the Cayman Island Monetary Authority as it is a Registered Charity under the Non-Profit Organisations Law, 2017 which came into effect in August 2017. Certificate #079. The law was passed to ensure increased transparency and regulation to prevent corruption, money-laundering and terrorism. NTCI is also subject to AML / KYC for funds received through its Bank, Cayman National Banking Corporate, a Class A licenced bank.

NTCI ensures best practice by endeavouring, when feasible, to obtain two / three independent quotes to ensure value for money for any purchase over \$X. We work with established partners where possible and the vehicle purchase will be done through established dealers, obtaining at least three quotations, for a style of vehicle that is widely available with a known track record for reliability etc. Delivery will be insured.

NTCI has a staff policy whereby all employees are required to sign an anti-bribery, anti-money laundering and anti-facilitation of tax evasion document. Any suspicious transactions must be brought to the attention of the Executive Director/Finance Manager immediately. NTCI payment policies require two signatories on all cheques. Additionally a Council Member (Bank A signatory) must approve all expenses over \$X.

Q23. 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.

Value for money is demonstrated in a number of ways, for example: by the budgeting for a used electric or hybrid vehicle which attracts zero or low import duties.

The budget has been prepared using current NTCI and partner staff and administration costs and current estimates of comparable capital items. E.g. three 2015/2016 hybrids, Toyota Noah, Nissan Serena and Honda Fit are currently offered at between US \$ X and X (GBP) CIF on competitive websites. Import duties for hybrids are 15% versus 29.5% or higher for conventional vehicles, assuming that NTCI is not able to negotiate a duty waiver with government.

Workshops for drafting the new 5 year SSAP are scheduled to coincide with partner's annual veterinary monitoring, eliminating additional air travel cost for half of the overseas attendees, adding only local accommodation (which will be in low-season or non-tourist rentals), transport and per diem. Eighteen NTCI,

DOE, QEIBP and other local stakeholders will be supported by their respective organisations to attend the workshops.

NTCI staff will provide labour for much of the repairs and reconstruction at the BIRP facility. Cost of contractor and materials expenses for the biosecurity upgrades to fencing are based on current 2018 professional quantity surveyor's estimates.

Q24. 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.

The SSAP will be published in electronic form on the NTCI and BIRP websites, www.nationaltrust.org.ky and www.blueiguana.ky. It will also be available in an on-demand physical format. GBPX is budgeted to design and format the SSAP in a fully electronically sophisticated form and to similar standards as prior such publications of BIRP.

The NTCI annual report will include reporting on BIRP activities and is available online.

Q25. Safeguarding

See Guidance Note 3.7

Projects funded through Darwin Plus must fully protect vulnerable people all of the time, wherever they work. In order to provide assurance of this, we would like projects to ensure they have the appropriate safeguarding policies in place. Please check the box to confirm you have relevant policies in place at that these can be available on request.

Checked

Section 10 - Logical Framework

Q26. 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.

Annex D and Annex E in the Guidance Notes provides helpful guidance on completing a logical framework, including definitions of the key terms used below.

Impact:

A permanent wild population of Grand Cayman endemic Blue Iguanas, safeguarded against a return to Critically Endangered status, supported by a healthy, sustainable and efficient captive breeding programme.

Project Summary

Measurable Indicators

Means of Verification

Important
Assumptions

Outcome:

The Blue Iguana Recovery Programme transitions from recovery to stabilized conservation: guided by updated planning; upgrading and innovation in captive breeding management and biosecurity; and through expanded wild monitoring.

0.1 By the end of the project BIRP is functioning in accordance with a Strategic Species Action Plan 2020-25 (SSAP)

0.2 Captive Breeding Facility repairs and new biosecurity achieve improvement to husbandry and welfare of iguanas By end of first year: all 16-year-old captive pens and cages refurbished/replaced with 32 pens and 150 new cages and CBF fencing is 100% alien green iguana proof.

0.3 Diversification of diet achieves improved captive iguana nutrition as measured by weight at body quality indices by end of second year. 36 adults, 80 2-5 year olds and 10-15 juveniles (based on expected hatchlings per annum)

0.4 .By survey season March 2020 capacity for annual surveys of the Colliers and Salina Reserve wild populations has been recruited. These eight persons are trained and are producing reliable results according to established monitoring protocols across extensive and expanding areas of occupancy and ensuring quality of data is comparable across years

0.1 Annual reporting as mandated by the Strategic Species Action Plan.

0.2 Repairs and biosecurity achieved to standard equivalent to original/those replaced and as monitored by Project Leader.

0.3 Husbandry, welfare and nutrition achieved to standard set by SSAP and as monitored by Veterinary welfare partner WCS and evaluated by Steering Committee.

0.4 Inspections and interim reports on preparations and on close of surveys (enabling adjustments for following season). Results of Annual Surveys demonstrate that they have been completed in entire areas of occupancy at Colliers and Salina Reserves in accordance with the SSAP and distance sampling protocols.

0.1 Risk that the SSAP is rejected by governmental bodies as a key source for a statutory species conservation plan is mitigated by DoE as a key stakeholder. Risk of development of roads in or near the protected areas is well understood and mobilization of public response would follow any such threat.

0.2 Unanticipated staff turnover might cause delay in delivery; otherwise no significant risks.

0.3 Risk of extent to which cultivation of native plants at the CBF can succeed has been tested previously by a small pilot bed in the early days of BIRP. This is countered by subsequent successful establishment of a Native Plant Nursery at the Park, the recent appointment of a new horticulturalist, and availability of larger area for growing. It is recognized that such production will remain supplemental to wild collected food.

0.4 Assumption is that sufficient capacity can be recruited within budget and that surveys are not delayed or extended by weather conditions (it being impossible to conduct the surveys accurately in

overcast or rain). This risk is mitigated by conducting surveys in March (dry season) also avoiding hurricane risks.

Output 1:

1. Strategic Species Action Plan 2020-25 (SSAP) has been adopted by BIRP.

1.1 By September 2020 Strategic Species Action Plan (SSAP) is delivered by key stakeholders.

1.2 Key stakeholders draft first version of SSAP at a 4 day workshop held in July 2019 following annual veterinary welfare visit.

1.3 SSAP secretariat continues drafting of SSAP in communication with key stakeholders via monthly video conferencing.

1.4 Key stakeholders complete and approve final version of SSAP at a 3 day workshop held in July 2020 following annual veterinary welfare visit.

1.1 Strategic Species Action Plan (SSAP) is published and uploaded on NTCl and Bluelguana.ky websites.

1.2. Workshop agenda and objectives document; attendance list; PowerPoint presentations; feedback sheets; minutes and actions circulate by SSAP Secretariat.

1.3 SSAP secretariat maintains call logs, email and video conference output.

1.4 Strategic Species Action Plan (SSAP) is published and uploaded on NTCl and Bluelguana.ky websites.

Planning for this output follows same/similar methodologies used to generate 2001-2006 and 2009-2011 Plans.

Assumes that partner WCS continues to fund its attendance for annual veterinary monitoring.

Output 2:

Captive Breeding Facility reconfiguration, biosecurity improvements completed.

2.1 Thirty-two captive breeding concrete-walled pens are available for use by adult and breeding iguanas (80% increase in individual spaces by selective subdivision of existing large pens and walled sub-adult section no longer needed).

2.2 100 new sub-adult and 50 new hatchling cages are available for occupation.

2.3 275 m of 2.5 m high chain-link fencing is made secure against incursions by green iguanas and dogs.

2. Repairs and improvements overseen by Operations Manager, standard equivalent to original/those replaced and as monitored by Project Leader.

2.3 Verified by daily patrolling of the Captive Breeding facility by staff and results of dog trap monitoring.

Maintenance of vegetation-clear zone around perimeter inspected and reported by Project Leader.

Output 2 assumes that resumption of breeding of Blue Iguanas at the levels of the original recovery programme will not be needed. No special assumptions required or significant risks related to the configuration and biosecurity elements. Materials and capacity are readily available in the Cayman Islands. Unanticipated staff turnover could affect delivery schedule for those elements to be performed by BIRP staff.

Output 3:

3. Iguana nutrition improved and diversified by (i) wild food plant cultivation plots built at Captive Breeding Facility, (ii) staff transportation and refrigeration replaced, (iii) recruitment of partner supermarket to supply excess produce.

3.1 Facility staff have decreased number of hours per week by 25% under baseline for collecting food in wild, by additional efficiencies from provision of a facility vehicle and refrigeration.

3.2 By end of first year a 20 x 20 m pilot plot is established with 5 plant species growing in two treatments (a) 12 m² of raised tub plantings (b) 3 1 x 10 m beds managed according to permaculture techniques.

3.3 End of third year cultivation plots providing 20% supplemental diet to CBF iguanas, with diversity of plants raised to 10 species.

3.4 Facility has established relationship with one or more local supermarkets for the regular supply of surplus leafy vegetables and fruit; is collecting 35-40 lbs of suitable produce per week

3.5 Weight and body condition of CBF iguanas maintained / increased over baseline.

3.1 Baseline Report describing current feeding protocol (using primarily but limited diversity wild collected plant material), identifying issues with seasonality and other inefficiencies in collection methods, design for cultivation plots.

3.2 Monthly Reporting by Operations Manager. Quarterly and Annual Reporting by Project Leader, reviewed by Steering Committee/Vets.

3.3 Annual Reporting by Operations Manager/Project Leader, reviewed by Steering Committee/Vets.

3.4 Monthly Reporting by Operations Manager.

3.5 Annual Reporting by Veterinary Team, reviewed by Steering Committee.

We expect that maintenance of cultivation plots does not exceed reduction in time spent on wild food collection. However, regardless of that trade-off, the increase in time staff are able to be at the facility enables the scheduling of a greater number of income-generating Blue Iguana Safari Tours.

Replacement of aged or defunct donated equipment is necessary to alleviate staff shouldering financial burdens/depreciation of personal vehicles and to provide capacity for storage of donated produce.

Difficulty in transitioning adult captive Blue Iguanas to a greater diversity of wild food and/or larger percentage of non-native leafy vegetables is not expected based on existing Cyclura husbandry research (Lemm et al 2010). Iguanas being conditioned for release into the wild will need to be fed only wild food in the lead-up to release.

Supermarket partner is unable to supply surplus produce at level of demand is not considered to be a significant risk as they supply hundreds of kilos

of produce to a population of 63,000 people daily. The potential supermarket partners have a track record of community support.

<p>Output 4: Perform survey each year, alternating Colliers and Salina Reserves wild populations (approx. 250-300 wild iguanas per survey), with a survey at the QEIBP population every third year. I.E., QEIBP 2019, Colliers 2020, Salina 2021 and so on. (Note: QEIBP free roaming iguana population is smaller and terrain is much less difficulty to survey, thus no additional capacity is required).</p>	<p>4.1 By survey season March 2020 a pool of individuals have been identified who are physically capable and available for foreseeable future from which 8 can be drawn for Colliers and Salina surveys, in addition to the 4 members of staff/DOE available.</p>	<p>4.1.a Baseline Report in 2019 analyzing special challenges of surveying the enlarged areas of occupancy at Colliers and Salina Reserves (capacity problem, number of persons, kms of trails, heat, stealth required, etc)</p>	<p>Assumptions are that sufficient capacity can be recruited within budget and that surveys are not delayed or extended by weather conditions (it being impossible to conduct the surveys accurately in overcast or rain). These risks are mitigated by offering funding for the two significant out-of-pocket expenses for volunteers and conducting surveys in March (dry season) also avoiding hurricane risks. However the March date may not always be ideal for student and academic volunteers.</p>
	<p>4.2 By end of February each year all trails at the relevant survey site are adequately cleared to perform surveys to required standards.</p>	<p>4.1.b March 2020 report to Steering Committee.</p>	
	<p>4.3 Annual Surveys, Colliers 2020, Salina 2021, are completed in entire estimated areas of occupancy at Colliers and Salina Reserves.</p>	<p>4.2 Trails are inspected by Survey Leader and/or Ops Manager.</p>	
		<p>4.3 Results of Annual Surveys demonstrate that they have been completed in entire areas of occupancy at Colliers and Salina Reserves in accordance with the SSAP, distance sampling protocols and ensuring quality of data is comparable across years.</p>	

<p>Output 5: <i>No Response</i></p>	<p><i>No Response</i></p>	<p><i>No Response</i></p>	<p><i>No Response</i></p>
--	---------------------------	---------------------------	---------------------------

Do you require more Output fields?
It is advised to have less 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 and 1.3 are contributing to Output 1. Each new activity should start on a new line.

Output 1 Strategic Species Action Plan 2020-25 (SSAP)

- 1.1 SSAP Secretariat prepares for 2019 workshop, invitations, meeting location, accommodation etc, for 7 overseas attendees (airfares for 3 paid by partners).
- 1.2 Key stakeholders (7 overseas and up to 18 local) meet for 4 day workshop held in July 2019 following annual veterinary welfare visit draft first version of SSAP (most efficient means of gathering overseas personnel).
- 1.3 SSAP Secretariat continues drafting of SSAP in communication with key stakeholders via monthly video conferencing.
- 1.4 SSAP Secretariat prepares for 2020 workshop, invitations, meeting location, accommodation etc
- 1.5 Key stakeholders complete and approve final version of SSAP at a 3 day workshop held in July 2020 following annual veterinary welfare visit.
- 1.6 Publication of SSAP.

Output 2 Captive Breeding Facility reconfiguration, biosecurity improvements completed.

- 2.1 Staff repair existing concrete enclosures and build sub-dividing walls for greater flexibility of adult maintenance and breeding.
- 2.2 Staff replace breeding cages: 50 hatchling, 100 sub-adult cages.
- 2.3 Tenders requested, evaluated and contractor approved to install biosecurity upgrades (boundary clearing, adding flashing to existing 8 ft high chain-link fence and installing concrete footings to tie fence to ground to achieve robust Green Iguana exclusion fencing).

Output 3 Iguana nutrition improved and diversified by (i) wild food plant cultivation plots built at Captive Breeding Facility, (ii) transportation, refrigeration purchased, (iii) recruitment partner supermarket

- 3.1 Draft Baseline Report including, perform literature review of Cyclura diets, describing current feeding protocol using primarily but limited diversity wild collected plant material, identifying issues with seasonality inefficiencies in collection methods. Identify preferred seasonal native plants to cultivate.
- 3.2 Design cultivation plots.
- 3.3 Construct cultivation plots, establish plants and perform routine maintenance.
- 3.4 Hold meetings with / arrange partnership with one or more of the three major supermarkets in Grand Cayman to supply excess produce on weekly basis. Promote partnership.
- 3.5 Hybrid vehicle purchased and fuel funded for wild food collection and pick up of supermarket produce.
- 3.6 Old refrigerator replaced and additional refrigerator purchased.

4 Perform annual surveys of the Colliers and Salina Reserve wild populations.

- 4.1 2019. Analyse special challenges of surveying the enlarged areas of occupancy at Colliers and Salina Reserves and produce Baseline Report. Identify survey candidates who are physically capable and available annually for foreseeable future.
- 4.2 2019. Contact potential survey candidates, confirm participation, arrange travel and accommodation for four survey teams of two persons each.
- 4.3 February 2020. All trails at Colliers adequately cleared to perform surveys to required standards; temporary field shelter erected.
- 4.4 March 2020. Colliers survey conducted in entire areas of occupancy; field shelter dismantled.
- 4.5 April 2020. Survey conduct report compiled and survey participants de-briefed; adjustments, if any, for 2021 considered.
- 4.6 Results of Colliers 2020 Survey compiled and compared to prior years; adjustments, if any, for conduct of 2021 survey made.
- 4.7 Repeat steps 4.2-4.6 above for 2021 survey at Salina.

Section 11 - Implementation Timetable

Q27. Provide a project implementation timetable that shows the key milestones in project activities

Please complete the Excel spreadsheet linked below to describe the intended workplan for your project.

Darwin Plus Implementation Timetable

Please add 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.

Once you have completed your implementation timetable please upload it using the file upload tool below.

↓ R7_DPlus_100049_Implementation_Timetabl

e

📅 02/09/2018

🕒 23:45:16

📄 xlsx 21.27 KB

Section 12 - Monitoring and Evaluation

Q28. Monitoring and evaluation (M&E) plan

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.

Monitoring and evaluation are underpinned by the development of detailed yearly work plans prepared by project partners (including design of monitoring and evaluation templates against key indicators identified within the project's logical framework). Indicators will be reported monthly by the Operations Manager for Breeding Facility activities. Project Leader will monitor other activities and reports received monthly to assess progress, make adjustments to the work plan if needed, and capture lessons learned will be conducted. Project accounts are compiled monthly by NTCI and subjected to audits. Reporting and auditing are performed as required by Darwin+. Actions have been planned to ensure a robust chain of reporting and independent evaluation at each important step.

NTCI is currently adopting real-time data input at the BIRP facility for additional efficiencies in management

and rapid response to threats to the safety and well-being of the iguanas.

Specific actions to be monitored are:

Output 1. Strategic Plan.

Workshop results are compiled, shared among partners and reports filed at NTCI. Quality control of desk reviews and drafting of the SSAP are supported by Stakeholder Steering Committee (SSC) constituted at first workshop, measured against scope, detail and presentation of prior Recovery Plans.

Output 2: Captive Breeding Facility repairs, biosecurity.

Day-to-day progress is managed and reported by NTCI Operations Manager with support from QEIBP partner. Quotations and final contract for biosecurity fencing is approved by Financial Management. Contractor is monitored by OM.

Output 3. Iguana nutrition improved and diversified.

Day-to-day progress is managed and reported by NTCI Operations Manager with support from QEIBP partner. Adjustments to cultivation scheme agreed with Project Leader and SSC where relevant. Efficiency of cultivation and supermarket produce collection is monitored monthly. Reports of weight and body condition of CBF iguanas by WCS Vet team compared to baseline data is reported annually and evaluated by SSC.

Output 4. Surveying of wild-release populations Colliers and Salina.

Baseline Report in 2019 analyzing special challenges of surveying the enlarged areas of occupancy at Colliers and Salina Reserves (e.g. capacity problem, number of persons, kms of trails, heat, stealth required) is used to assess success of recruitment of capacity. Preparation of trails assessed by Operations Manager/Survey Leader. Success of surveys assessed by comparing performance reports with Baseline and quality of data produced against prior year estimates of reliability. Results assessed by SSC.

Number of days planned for M&E	72.00
<hr/>	
Total project budget for M&E (this may include Staff and Travel and Subsistence Costs) (£)	
<hr/>	
Percentage of total project budget set aside for M&E (%)	5.00
<hr/>	

Section 13 - Certification

Certification

On behalf of the

trustees

of

National Trust for the Cayman Islands

I apply for a grant of

£197,902.00

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

Checked

Name	Stuart Mailer
Position in the organisation	Environmental Programmes Manager
Signature (please upload e-signature)	 20180903 Darwin signature page  03/09/2018  20:24:58  pdf 107.94 KB
Date	03 September 2018

Section 14 - Submission Checklist

Checklist for submission

	Check
I have read the Guidance documents, including the "Guidance Notes for Applicants" and "Finance Guidance".	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 this proposed project.	Checked
I have provided a budget based on UK government financial years i.e. 1 April - 31 March and in GBP.	Checked
I have checked that the budget is complete, correctly adds up and have included the correct final total at Q7.	Checked
The application has been signed by a suitably authorised individual.	Checked
I have included a 1 page CV for all the Project staff (listed at Q11) on this project, including the Project Leader.	Checked

I have included a letter of support from the applicant organisation, main partner(s) organisations and the relevant OT Government.	Checked
I have uploaded a signed copy of the last 2 years annual report and accounts for the lead organisation, 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 GOV.UK.	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, Darwin Plus 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 this application form, including personal data, will be used by Defra as set out in the latest copy of the Privacy Notice for Darwin, Darwin Plus and the Illegal Wildlife Trade Challenge Fund available **here**. This Privacy Notice must be provided to all individuals whose personal data is supplied in the application form. Some information, but not personal data, may be used when publicising the Darwin Initiative including project details (usually title, lead organization, location, and total grant value) on the GOV.UK and other websites.

Information relating to the project or its results may also be released on request, including under the 2004 Environmental Information Regulations and the Freedom of Information Act 2000. However, Defra will not permit any unwarranted breach of confidentiality nor will we act in contravention of our obligations under the General Data Protection Regulation (Regulation (EU) 2016/679).