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Submit by Monday 30 January 2012

**DARWIN INITIATIVE APPLICATION FOR UK OVERSEAS TERRITORIES CHALLENGE FUND:
Round 18**

Please read the Guidance Notes before completing this form.

1. Name, postal address and contact details of applicant organisation and main individual: (notification of results will be by email to this individual) Department of Environment, Ministry of Home Affairs Building, Parliament Drive, P.O. Box 60, The Valley, AI-2640, Anguilla, BWI. (Karim V D Hodge, Director) E-mail address: _____ Phone: _____	
2. Working title/name of the proposed resulting Darwin project (not exceeding 10 words): Anguilla National Ecosystem Assessment – A Foundation for Green Economy	
3. Proposed UKOT(s) involved Anguilla, B W I	Other collaborating country/ies to be involved

4. Principals in Challenge Fund work

(a) Please give the details of the main individuals who will be directly involved in the Challenge Fund award. Please copy the table if you require more space. CVs must be enclosed (max 1 page each).

Details	Main individual	2nd individual
Surname	Samuel	Fleming / Lake
Forename(s)	Calvin A	Sharmer / Clint
Post held	Deputy Director, Environment (Strategic Research Programmes)	Coordinator – Scientific Research and Technology Development Co-ordinator – Environment and Sustainable Development
Department	Department of Environment	Department of Environment
Telephone		
Email		

(b) Partners relevant to the Challenge Fund award. Please provide details below, plus letters of support. (These letters should express intention to collaborate, contribution to the Challenge Fund activity, endorsement of the proposed partnership, and the expected contribution of the proposed resultant Darwin project to the conservation of the biodiversity of the relevant UKOT(s).) If you are a UKOT applicant, with no partner, you should provide a letter from your own organisation addressing these issues as appropriate.

Details	Main project partner	Other partners
Organisation	Joint Nature Conservation Committee	
Function/ Purpose of Organisation	Advisor to UK Government	

Name of Main Contact	Dr Tony Weighell	
Post Held	Head of Overseas Territory & Crown Dependency Programme	

5. Concept note for the Challenge Fund award (max 500 words). This question concentrates on what the current application is for and should demonstrate the objectives of the award including

- **what work will be carried out under the award;**
- **the location and duration of this work;**
- **what you expect to achieve from receiving the Challenge Fund award;**
- **details of how you will monitor and evaluate the work (reporting requirements for this fund are in the process of being finalised).**

Aim: The project aims to examine the potential benefits of undertaking a national ecosystem assessment on Anguilla.

In order to achieve this aim the following key questions will be answered.

1. What is the current state of knowledge of Anguilla's ecosystems?
2. What are the potential economic benefits from conducting a national ecosystem assessment on Anguilla?
3. How does the current administrative, policy and legislative context encompass Anguilla's ecosystems and does it allow for the development of a green economic strategy?

Proposed activities:

The following activities will be undertaken to address the overall aim.

1. To examine the administrative, policy and legislative context in which an ecosystem assessment for Anguilla would be set.
2. To evaluate the ways in which the Department of Environment's leadership of an ecosystem assessment would assist Anguilla in meeting its wider international policy commitments and the goals set by national policy.
3. To review the extent to which the current and planned research portfolio of the DOE and its partners has already, or is likely to, put in place all the elements of an ecosystem assessment.
4. To identify potential information sources, both nationally and internationally as well as potential partners, both within Anguilla itself and internationally.
5. To research and provide clear guidance of options for conducting a national ecosystem assessment, including benefits and costs. Department of Environment will liaise with the UK's Joint Nature Conservation Committee to secure access to UK advice on implementing a national NEA including advice from senior UK Government scientists involved in the UK NEA and advice from the WCMC who coordinated this project.

Background

Anguilla's ecosystems have traditionally provided an important source of income through export of products, and through exploitation of the island's unique biodiversity to promote tourism. At the same time, these ecosystems support the livelihoods of the population of Anguilla through the provision of multiple ecosystem services, including provision of fresh water, maintenance of soil fertility and a variety of food resources. Our marine parks - although not fully efficient- are proof that if managed effectively, ecosystems can provide significant support to the island's economy. However, research conducted by NBSAP and other agencies has confirmed that there is a need to increase the level of awareness on the importance and economic value of Anguilla's various ecosystems. These range from dry xeric land, forest and wetlands, to marine and coastal ecosystems.

As it stands, there has been no previous holistic ecological assessment of the economic benefits that can be derived from Anguilla's ecosystems. Instead, several articles of policy and legislation for the implementation of an Environmentally Sustainable Development Strategy have been established. These legislative documents outline and form the basis on which Anguilla's Sustainable Environmental Management and Development are guided, but are not as effective as they should be, owing to the incompleteness of some key elements. Such key elements include the production of an ecological assessment report on the economic benefits that Anguilla's ecosystems might potentially provide, and how these could be exploited on a sustainable basis.

The resources sought by this proposal are pivotal, because the proposed project would initiate the development of a framework for an ecosystem assessment for Anguilla, enabling the development of a green economic strategy that will be built on the sustainable use of the island's ecosystem services. The assessment will permit Anguilla to utilise its ecosystem services in a sustainable manner, which in turn will enhance economic development and poverty alleviation. Likewise, this exercise will inform the

country's biodiversity conservation policy.

Reporting: Monthly activity and financial report - prepared by DOE.
Final report reflecting all project activities and finances

Location: The project will focus on the Anguillian archipelago.

Project duration: June 2012 to April 2013.

6. Concept note for resultant project (max 500 words). This question concentrates on the full Darwin application you intend to submit after the Challenge Fund award and should demonstrate:

- **Expected purpose and outputs of the resultant Darwin project**
- **How the resultant Darwin project would meet a need (and how this need was defined) in the UKOTs and help the territory/ies in its implementation of any or all of the following Conventions: the Convention on Biological Diversity (CBD)/Convention on Migratory Species (CMS)/Convention on International Trade in Endangered Species (CITES).**
- **Brief evidence of the proposed partners' intentions to collaborate in the Challenge Fund award and an outline of their expected role in the resultant Darwin project: include brief details of contact to date and planned ongoing collaboration. This would normally be supported by a letter or email of support, which may present the majority of this evidence.**
- **The expected role of the UKOTs and other UK expertise in the resultant Darwin project**

Project Purpose: To successfully determine the potential benefits of undertaking a national ecosystem assessment for Anguilla.

Project Outputs: Following the scoping exercise it is expected that:

- a. Guidelines and a strategy will be developed for conducting the ecosystem assessment
- b. A report highlighting the present and future ways the Ministry of Environment can assist Anguilla in meeting its wider international policy commitments, including the CBD, and the goals set by national policy.
- c. A comprehensive report on past and current research relevant to an ecosystem assessment to be conducted in Anguilla, and an indication of how both knowledge and expertise relating to the ecosystems of Anguilla might effectively be mobilised during a national assessment.
- d. A cost-benefit guidance analysis of options for conducting an ecosystem assessment to initiate the development of a green economic strategy. This will include lessons learned from conducting national ecosystem assessments in other countries, specifically the UK (see above).

Impact of the Project

The project will directly support the implementation of the Anguilla's Environmental Charter and help meet the UKOT's various environmental obligations including the CBD, RAMSAR, CMS and CITES. The Darwin project supports Anguilla's commitment in the Environmental Charter and the Organisation of Eastern Caribbean States- St. Georges Declaration through the following activities:

- ✓ Bringing together government departments, representatives of local industry and commerce, environment and heritage organisations, the Governor's office, individual environmental champions and other community representatives in a forum to formulate a detailed strategy for action.
- ✓ Ensuring the protection and restoration of key habitats, species and landscape;
- ✓ Creating sensible and sustainable trade as well as establishing cooperation in science and technology.
- ✓ Creating a better quality of life for all citizens through job creation in the environment.
- ✓ Ensuring that sustainable economic opportunities are derived from effective ecosystem management.
- ✓ Further institutionalising the need for integrated development planning, where, ecosystem management, and all the other relevant issues are included.
- ✓ Ensuring that environmental considerations are integrated within social and economic planning processes, and promote sustainable patterns of production and consumption within the Territory.
- ✓ Reviewing the range, quality and availability of baseline data for natural resources and biodiversity.

This project supports the three main goals of the Convention on Biological Diversity, namely: a) conservation of biological diversity (or biodiversity); b) sustainable use of its components; and c) fair and

equitable sharing of benefits arising from genetic resources. It also supports UK and Anguilla's commitments to Ramsar and CMS as Anguilla's various ecosystems support several migratory species.

DOE expertise includes Natural Resources Management, Agro-biodiversity, Entomology, Forestry, Plant Conservation, Environmental /Civil/ Coastal Engineering, Climate Change and Sustainability, and Marine Science. DOE has successfully implemented various projects such as ACRAMAM, Enhancing Environmental Legislation, Biodiversity Strategy Project, CITES Enhancement in Anguilla, and the Soil Amelioration Project.

UK Partner (JNCC) will provide:

- (i) advice on how to conduct a national ecosystem assessment, following best practice or lessons learned from experience in the UK, in terms both of the process and the methods used
- (ii) identification of potential data sources and areas of expertise within UK institutions, including both the academic and NGO communities
- (iii) identification of how a national ecosystem assessment can support the development of a green economy, incorporating sustainable use of ecosystem services, and how this can be achieved in practice; this might require reviewing relevant literature and case studies from other territories, plus elicitation of expert advice.

This will be achieved by short-term missions to UK by DOE staff to meet JNCC experts and WCMC (Cambridge) who coordinated the UK NEA and selective missions to Anguilla by UK personnel. Note: Costs incurred by JNCC staff travel will be met by JNCC and not drawn from any Darwin Challenge Fund award. JNCC will establish an internal group of key staff to support this project.

7. Justification of need for a Challenge Fund award. Please provide details of why alternative funding is not available from within your own organisation or from other sources. Will matched funding be provided? (max 250 words)

In spite of placing high importance on environmental conservation and management, the Government of Anguilla is currently constrained by a reduction in revenue, a consequence of the global economic crisis. Tourism and related activities constitute the major source of revenue but recently this has decreased significantly. The Anguillian Tourism niche is built on the basis of the pristine ecosystems and the biodiversity that they support. As such, the Anguilla government is experiencing a fiscal crisis and has had to implement rigid controls on expenditure. As a result, the Department of Environment has a significantly reduced budget and has to operate on scarce resources. Hence, we lack relevant funds for conducting this exercise.

Although the government would like to allocate funds for environmental management, the limited revenue available to Anguilla Government has had to be directed to basic government activities. Anguilla Government and the UK Government have an obligation to fulfill their commitments to international conventions such as the CBD and Ramsar but in the current financial situation Anguilla is struggling to achieve these obligations.

The various ecosystems on Anguilla have important significance in terms of their biodiversity composition or the species they support. The Challenge Fund award would help support Anguilla Government fulfill its obligations to international conventions and the protection of important Anguillian habitats and species. The DOE will provide matched funding in the form of staff time, office space, office supplies, equipment and the use of the DOE's vehicle.

8. Costs. Provide a detailed breakdown of costs to be funded by the Darwin Initiative.

Budget Line	Year 1	Year 2
Please complete those appropriate to your application – they may not all be relevant	Apr 2012 – Mar 2013	Apr 2013 – Mar 2014
Travel costs (Anguilla – UK three individuals) (airfares, sea travel, visas, travel documents)		£
Subsistence costs (specify by individual and number of days) Samuel/Fleming/Lake – 7 days each in the UK including travel days at £100/day		£
Overhead costs (including office costs)		£
Operating costs (including conference/workshop/fieldwork costs) (On island working group sessions and associated cost)		£
Capital costs (please specify)		£
Other: Consultancy (review legal and policy framework, review current and planned research portfolio, identify information sources)		£
Other (Public Awareness and Education)		£
Salaries (specify by individual)		£
Total per year	£ 22,200.00	£
TOTAL REQUESTED FROM DARWIN INITIATIVE	£ 22,200.00	

9. Provide anticipated dates of award activity (including start and finish dates) and any milestones where relevant.

Date	Key Milestone
June 2012	START
October 2012	Examine the administrative, policy and legislative context in which an ecosystem assessment for Anguilla would be set
October 2012	Evaluate the ways in which the Department of Environment’s leadership of an ecosystem assessment would assist Anguilla in meeting its wider international policy commitments and the goals set by national policy.
October 2012	Review the extent to which the current and planned research portfolio of the DOE and its partners has already, or is likely to, put in place all the elements of an ecosystem assessment To identify potential information sources and potential partners.
January 2013	Develop options and guidance for conducting a national ecosystem assessment in Anguilla including benefits and costs.
January 2013	FINISH

Round 20 Delete as applicable

10. In what year would you expect to submit the full Darwin project application?

I certify that, to the best of our knowledge and belief, the statements made in this application are true and the information provided is correct.

Name (block capitals): Karim V D Hodge

Position in organisation: Director, Environment

Signed:



Dated: 30 January 2012

Project title: Anguilla National Ecosystem Assessment – A Foundation for Green Economy

Challenge Fund Application - Checklist for submission

	Check
Have you provided anticipated start and end dates for your award?	X
Are both your concept notes within 500 words each?	X
Has your application been signed	X
Have you read the Guidance Notes and are you satisfied that your concept would be eligible for a main project application?	X
Have you included CVs and letters of support as required?	X
Have you checked the Darwin website immediately prior to submission to ensure there are no late updates?	X

Once you have answered Yes to the questions above, please submit the application in Word format, not later than 2359h GMT on Monday 30 January 2012 to Darwin-Applications@ltsi.co.uk using the title of the project (or first few words) as the subject of your email.

Please also send a hard copy of the signature page (only) to the Darwin Applications Unit, LTS International, Pentlands Science Park, Bush Loan, Penicuik EH26 0PL.

Applicants from UKOT institutions should fax a copy of the signature page to the Darwin Applications Unit on 0131 440 5501 or email a scanned original signature to Darwin-applications@ltsi.co.uk.

DATA PROTECTION ACT 1998: Applicants 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 the Darwin Initiative. Application form data will also be held by contractors dealing with Darwin Initiative 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 (ie name, contact details and location of project work) on the Darwin Initiative and Defra 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 Foreign and Commonwealth Office posts outside the United Kingdom, 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