



DARWIN200

Submit by Monday 1 December 2008

### DARWIN INITIATIVE APPLICATION FOR GRANT FOR ROUND 16: STAGE 2

Please read the Guidance Notes before completing this form. Where no word limits are given, the size of the box is a guide to the amount of information required. Information to be extracted to the database is highlighted blue.

**1. Name and address of organisation** (NB: Notification of results will be by post)

<b>Name:</b> Dr. Brendan Godley	<b>Address:</b> Centre for Ecology and Conservation University of Exeter, Cornwall Campus Penryn TR10 9EZ
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**2. Project title (not exceeding 10 words)**

Darwin Marine Biodiversity Action Plan for Gabon

**3. Project dates, duration and total Darwin Initiative Grant requested**

<b>Proposed start date:</b> 1 <sup>st</sup> April 2009		<b>Duration of project:</b> 30 months		<b>End date:</b> 30 <sup>th</sup> Sept 2011	
<b>Darwin funding requested</b>	<b>2009/10</b> £ 121,076	<b>2010/11</b> £ 118, 200	<b>2011/12</b> £ 61, 464	<b>2012/13</b> £ 0	<b>Total</b> £ 299, 741

**Note: Total amount of ask has stayed within £250 as a result of careful examination of the budget despite a 5% nationally agreed pay award for UK university salaries. Thus in real terms costs have been reduced significantly.**

**4. Define the purpose of the project (extracted from logframe)**

Improved national and local capabilities applied to the sustainable and equitable management of marine biodiversity of Gabon

**5. Principals in project. Please provide a one page CV for each of these named individuals. You may copy and paste this table if you need to provide details of more than one overseas project partner.**

Details	Project Leader	Other UK personnel (working more than 50% of their time on project)	Main project partner and co-ordinator in host country/ies
<b>Surname</b>	Godley	Witt	Ogandagas
<b>Forename (s)</b>	Brendan	Matthew	Carole
<b>Post held</b>	Senior Lecturer	Research Fellow	Director
<b>Institution (if different to above)</b>	University of Exeter	University of Exeter	Ministry of Forestry, Water, Fisheries and Aquaculture.
<b>Department</b>	Centre for Ecology and Conservation	Centre for Ecology and Conservation	Fisheries Directorate
<b>Telephone</b>			
<b>Email</b>			

6. Has your organisation received funding under the Darwin Initiative before? If so, give details.

Reference No	Project Leader	Title
162/12/023	Dr Brendan Godley & Dr Annette Broderick	Darwin Initiative Coastal Assessment of the Biodiversity of Anegada, BVI
14/051	Dr Brendan Godley & Dr Annette Broderick	In Ivan's Wake: Darwin Initiative BAP for the Cayman Islands

7. IF YOU ANSWERED 'NO' TO QUESTION 6 describe briefly the aims, activities and achievements of your organisation. (Large institutions please note that this should describe your unit or department)

<b>Aims (50 words)</b>
<b>Activities (50 words)</b>
<b>Achievements (50 words)</b>

8. Please list the UK/collaborative (where there are partners in addition to the applicant organisation) and host country partners that will be involved, 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 host country partners to be involved in the project. Please provide written evidence of partnerships. Please copy/delete boxes for more or fewer partnerships.

<b>Partner Name:</b> University of Exeter, UK <b>(UoE)</b>	<b>Details (including roles and responsibilities and capacity to engage with the project):</b>  The UoE team working on this project include: <b>Dr Brendan Godley, Dr Annette Broderick, and Dr Matthew Witt</b> (CVs appended). Dr Witt will be <b>Darwin Research Fellow</b> . As the lead UK partner, the team will oversee and manage the project and lead on training, additional fieldwork and awareness raising activities.
<b>Partner Name:</b> Ministere de l'Economie Forestière, des Eux et de la Peche ( <b>MEFEP</b> )	<b>Details (including roles and responsibilities and capacity to engage with the project):</b>  <b>MEFEP is the CBD Focal Point and lead partner</b> in Gabon. <b>Mrs Carole Ogandagas</b> (CV attached) will be the focal person. Their role in the project will be leading on fisheries related aspects of the work (VMS analysis) and setting up of fisheries observer programme. They will also play a key role in liaising with other government organisations including Agence National des Parcs Nationaux, Centre National de la Recherche Scientifique et Technologique ( <b>Management of MPA's</b> ), Centre National des Données et de l'Information Océanographiques ( <b>Data Repository</b> ) and the Gabonese Navy ( <b>Fisheries Enforcement</b> ). Staff will be involved in training, workshops and research initiatives and were involved in designing the project. See attached <b>letter A</b> .

<b>Partner Name:</b> Agence National des Parcs Nationaux <b>(ANPN)</b>	<b>Details (including roles and responsibilities and capacity to engage with the project):</b>  Although <b>MEFEP</b> are the principle partner in this bid, the project could not proceed without the support of <b>ANPN</b> who co-ordinate and permit all research in protected areas. Staff will be involved in training, workshops and research initiatives. We have their full support and staff were involved with writing the bid. See attached <b>letter B</b> .
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<b>Partner Name:</b> Partenariat pour les Tortues Marines du Gabon ( <b>PTMG</b> )	<b>Details (including roles and responsibilities and capacity to engage with the project):</b>  The <b>PTMG</b> is a consortium of all the groups working for marine conservation in Gabon using sea turtles as a flagship/umbrella species. Staff will be involved in training, workshops and research initiatives. This Darwin Initiative project was developed in conjunction with this group and is harmonised with their strategic goals. See attached <b>letter C</b> .
<b>Partner Name:</b> SEATURTLE.org ( <b>ST.org</b> )	<b>Details (including roles and responsibilities and capacity to engage with the project):</b>  <b>ST.org</b> is an international NGO that has already been working in Gabon, seeing the country as a high priority site for marine turtles. ST.org will contribute staff, equipment and running costs to the project and will facilitate research and educational efforts through web design and hosting. See attached <b>letter D</b> .
<b>Partner Name:</b> Wildlife Conservation Society ( <b>WCS</b> )	<b>Details (including roles and responsibilities and capacity to engage with the project):</b>  <b>WCS</b> has been working in Gabon since 1985 and has served as technical advisor to the National Parks Service since the inception of the extensive network of protected areas (11% of Gabon landmass). This work has largely focussed on the terrestrial realm till now. WCS will act as facilitator and fund administrator for the local side of the Darwin Project hosting the Darwin Research Fellow and Darwin Project Officer. See attached <b>letter E</b> .

**9a. Have you consulted stakeholders not already mentioned above?**  Yes  No

**If yes, please give details:**

Yes, in addition to those detailed above we have consulted and have been offered the involvement of the following:

**Gabon Partners:**

**Governmental**  
Centre National de la Recherche Scientifique et Technologique, Centre National des Données et de l'Information Océanographiques (**Data Repository**)  
Gabonese Navy

**Non-Governmental**  
Via the Paterniat  
Aventures Sans Frontières  
Benga Community, Corisco Bay  
Gabon Environnement  
Ibonga  
Protection des Tortues Marines d'Afrique Centrale

**Other Overseas partners:**

**Equatorial Guinea**  
INDEFOR (Instituto de Desarrollo Forestal y Manejo de Areas Protegidas) (See attached **letter F**)

**Republic of Congo**  
Conkouati-Douli National Park, Ministère de l'Economie Forestière et de l'Environnement, République du Congo (See attached **Letter G**)  
Renatura (NGO)

**9b. Do you intend to consult other stakeholders?**

Yes  No

**If yes, please give details:**

Yes, an important part of the project will be working with members of the fishing community and key decision makers in government such as those involved in Tourism, Environment, Fisheries and Oil as well as key opinion formers such as members of the media and civic leaders.

**9c. Have you had any (other) contact with the government not already stated?**

Yes  No

**If yes, please give details:**

9d. Is any liaison proposed with the CBD/CMS/CITES focal point in the host country?  Yes  No  
If yes, please give details:

Yes, MEFEP is the focal point.

## PROJECT DETAILS

10. Please provide a Concept note (Max 1,000 words) (repeat from Stage 1, with changes highlighted)

Describe the problem to be addressed, explain why it is a priority for the host country and how its resolution will improve host country ability to meet its obligations under CBD/CMS/CITES. The proposed strategy and its intended outcomes should be described adequately, including justification for and brief details of the contribution of each UK and host country partner.

**The problem:** Gabon has significant natural resources with potential for poverty alleviation (ecotourism and sustainable fishing). Although substantial efforts have been focussed on terrestrial conservation, the country's marine biodiversity is largely neglected, despite massive offshore oil exploitation and exponential increases in fishing pressure.

Key biodiversity includes:

1. **Major fishing resources:** currently exploited through local industrial trawling and concessions to international fleets. There is marked under-capacity for spatial management and assessment/mitigation of bycatch which has the potential to be significant.
2. **Globally important marine turtle populations:** the world's single largest rookery for the leatherback turtle (as many as 100,000 nests/yr and animals use UK waters in St Helena/ Ascension Island); regionally important, yet under-researched, nesting for olive ridley turtles; regionally important foraging sites for green and hawksbill turtles subject to intense harvest.
3. **Globally important, yet understudied, marine mammal populations:** humpback whales; Atlantic humpback dolphins; West African manatees.

**Priority:** There are clear needs for: a national **Marine Biodiversity Action Plan** integrating all available information on the spatial distribution of biodiversity and threats; increased local capacity to carry out research to further inform the development/implementation of the MBAP; increased awareness among key stakeholders and the general public as to the importance of marine biodiversity.

**MEA Obligations:** The project is designed with the **Ecosystem Approach** at its heart, helping **Gabon** (and **Equatorial Guinea (EG)** and **Republic of Congo (RoC)**) meet obligations under all three major biodiversity conventions:

**CBD:** (Articles 5-8,12-14).

**CITES:** A major focus is **Appendix I** species.

**CMS:** Obligations under **MOU for Marine Turtles of Africa**.

**Strategy and outcomes:**

The main thrust of the project is to generate a sound, government-endorsed, implementable **Darwin Marine Biodiversity Action Plan (BAP) for Gabon**. Integral, will be elements of all Darwin priority work areas:

**Research:**

**a. Biodiversity mapping.** An integrated GIS-based Marine Biodiversity Atlas will be created of extant species/habitat information integrated with key physical/ oceanographic data layers. This will form a platform for additional research. The consortium is ideally placed to undertake this as they are joint custodians of all extant datasets. The UoE team have extensive experience of such work from previous (including DI funded) projects.

**b. Analysis of fisheries hotspots using Vessel Monitoring Systems** which log and transmit positions of all licensed industrial vessels. Interpreting, managing and extracting maximum value from such data is far from trivial and the Fisheries Department specifically requested support with

this through training initiatives (VMS and GIS workshops) and the training of one officer to MSc level. UoE are ideally placed for such leading-edge work as they have just published the first major paper highlighting the power of this technique in UK waters (PLoS ONE 2007).

**c. Quantification of industrial fisheries bycatch and direct take in artisanal fisheries** through a Darwin bycatch observer programme and community participatory research in artisanal fisheries, especially in Corisco Bay (a major directed turtle fishery spanning both Gabonese/Equatorial Guinea by the Benga people).

**d. Spatial ecology of marine vertebrates including a number of project lines:**

**Marine mammal transects** completing gaps/hotspots highlighted by a-c (above).

**Satellite tracking of marine turtles** will build on preliminary work underway by the project consortium. This research is capital intensive but largely funded by secured external support. It also yields significant public awareness dividends.

**Tagging and genetics of green and hawksbill turtles** in foraging grounds/ direct and incidental capture allowing insights into international importance of any take on rookeries of origin.

**Capacity building and training** focussing on key areas highlighted by pre-bid consultation between local partners. This will include three workshops (GIS, VMS, Fisheries Bycatch Monitoring). We will also include participants from EG and RoC; promoting the co-management of shared resources. One Gabon partner will be trained to MSc level in UK and a **Gabonese** Darwin Conservation Officer will benefit from full-time involvement. Fisheries bycatch observers will be trained and members of the fishing community will be supported and involved in participatory research.

**Environmental awareness** will focus on key stakeholders (government decision makers, biodiversity/planning professional, artisanal/industrial fishermen, tourist/oil sectors) and the general public. A similar strategy has proven extremely successful in previous UoE Darwin projects: Darwin project website linked with live tracking of sea turtles ([www.seaturtle.org/tracking](http://www.seaturtle.org/tracking)); Darwin newsletters, press releases and media; public meetings, school visits and Darwin seminars; Darwin conference.

**Resources and Roles:** We request funds to: appoint a post-doctoral Darwin Research Fellow (UoE; DF) and a Gabonese Darwin Conservation Officer (DCO) for 2.5 years; travel and subsistence; training/conferences; equipment; boat time. All project partners will be involved in planning, steering and carrying out the work.

**Wider Justification:** This highly **collaborative** project combines **UK expertise highly suited** in areas most needed by the extensive network of **Gabonese partners (Government Departments and NGO's)** assembled. Indeed, the project was developed collaboratively at the request of local partners to meet a **real biodiversity need:** building the knowledge base and infrastructure to promote **sustainable use** and **poverty alleviation**. The UK team has a track record of **quality and excellence** in delivery of overseas conservation projects for **Darwin (Ascension Island, British Virgin Islands, Cayman Islands)** as well as a range of other donors including **FCO, DfID and NERC**. The **impact** of the project will be achieved on several fronts: research to fill key knowledge gaps, enhancement of **capacity** for local biodiversity management and increased **awareness** among key stakeholders and wider public. The **quality** of this project emerges from its highly integrative approach, combining past research and that carried out within this project into spatially explicit management. It is further **innovative** in that researchers from the two neighbouring countries (EG and RoC) will be involved in collaborative **training** and research. A significant Darwin **legacy** is ensured as the MBAP will mark the way forward for marine conservation in the country and progress towards sustainability will be promoted through a sound **exit strategy** of increased capacity, awareness and support for marine conservation in Gabon and the rest of Central Africa that is likely to result in additional **leverage** of funds. The project has already secured significant matched funds thus demonstrating tremendous **value for money** (>50% match).

**11a. Is this a new initiative or a development of existing work (funded through any source)?**

**Please give details:**

This work has resulted from an ongoing collaboration by University of Exeter and Gabon based partners in tracking of leatherback turtles funded by European Association of Zoos and Aquaria Shellshock Appeal in 2005-06. It has become clear that there are major issues that need to be addressed in looking at spatial patterns of biodiversity, fisheries and planning for its sustainable management, thus the inception of the project bid. This track record of course, bodes well for the project to start with momentum. See **letters A-G** in **Appendix II**

**11b. Are you aware of any other individuals/organisations/Darwin Initiative projects carrying out similar work?**  **Yes**  **No**

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

Although there are no other DI projects carrying out this work, our consortium organisations constitute all those that are actively working for marine conservation in Gabon and its nearest neighbours. Indeed we feel this is one of the major strengths of our proposal.

**12. Please indicate which of the following biodiversity conventions your project will contribute to:** - At least one must be selected.

- Only indicate the conventions that your project is directly contributing to.

- No additional significance will be ascribed for projects that report contributions to more than one convention

Convention on Biological Diversity (CBD)  **Yes**  **No**

CITES  **Yes**  **No**

Convention on Migratory Species (CMS)  **Yes**  **No**

**What problem is this project addressing and how was it identified? (150 words)**

Gabon has significant natural resources with potential for poverty alleviation (ecotourism and sustainable fishing). Although substantial efforts have been focussed on terrestrial conservation, the country's marine biodiversity is largely neglected, despite massive offshore oil exploitation and exponential increases in fishing pressure.

**What will change as a result of this project? (150 words)**

The project will deliver a **Marine Biodiversity Action Plan** integrating all available information on the spatial distribution of biodiversity and threats. To do this effectively there is a need for increased local capacity to carry out research to further inform the development/implementation of the MBAP and a need increased awareness among key stakeholders and the general public as to the importance of marine biodiversity. We intend to have changed both of these latter factors significantly on the way to delivering the mBAP.

**Why is the project important for the conservation of biodiversity? (150 words)**

It is only through a sound, implementable biodiversity action plan that the marine biodiversity of Gabon will be able to be sustainably managed.

Key aspects of concern in Gabon include:

- 1. Major fishing resources:** currently exploited through local industrial trawling and concessions to international fleets, including the European Union. There is marked under-capacity for spatial management and assessment/mitigation of bycatch which has the potential to be significant given 2 and 3 (below)

**2. Globally important marine turtle populations:** the world's single largest rookery for the leatherback turtle (as many as 100,000 nests/yr) Rookery shared with RoC and use UK waters (St Helena/ Ascension Island); regionally important, yet under-researched, nesting for olive ridley turtles shared with DRC; regionally important foraging sites for green and hawksbill turtles subject to intense harvest shared with Equatorial Guinea.

**3. Globally important, yet understudied, marine mammal populations:** humpback whales; Atlantic humpback dolphins; West African manatees likely shared with all countries in Central Africa.

**How does this relate to one or more of the biodiversity conventions? (150 words)**

**MEA Obligations:** The project is designed with the **Ecosystem Approach** at its heart, helping **Gabon** (and **Equatorial Guinea (EG)** and **Republic of Congo (RoC)**) meet obligations under all three major biodiversity conventions:

**CBD: (Articles 5-8,12-14).**

**CITES:** A major focus is **Appendix I** species.

**CMS:** Obligations under **MOU for Marine Turtles of Africa.**

**13. How will the results of the project be disseminated; how will the project be advertised as a Darwin project and in what ways will the Darwin name and logo be used? (max 200 words)**

The staff employed through this project will use the Darwin name in their titles i.e. **Darwin** Fellow and **Darwin** Conservation Officer. Publicity for this project will be sought locally as part of a public awareness programme and through the activities of the project:

- Four press releases will be made and we will solicit television and radio interviews
- A **Darwin** Conference will be organised at the end of the project
- The project will be promoted at one regional and one international conference
- A **Darwin** website will be established and include outputs accessible to the public and schools
- Four scientific papers will be produced fully acknowledging **Darwin** Initiative
- Annual **Darwin** public seminars will be held

All materials produced will have the **Darwin** logo and acknowledge **Darwin** Initiative funding.

**14. What will be the long term benefits of the project in the host country or region and have you identified any potential problems to achieving these benefits? (max 200 words)**

The long term benefits to the host country and region will be a sound management plan which has been produced with significant input and buy-in from local and regional stakeholders to be implementable. This will yield to long term dividends for biodiversity and will contribute significantly to poverty alleviation.

The only potential problems to fully maximising the benefits of the project are those intrinsic in such an initiative in that key staff may be subsequently lost or resources will not be made available to implement key actions. In general, however, the risk-reward ratio of the project is very high given the political will already shown to establish and where possible manage protected areas in Gabon. Indeed, much resource has already been pushed towards VMS monitoring of fisheries although analysis has been as yet limited due to lack of capacity.



**15. State whether or not the project will reach a stable and sustainable end point. If the project is not discrete, but is part of a progressive approach, give details of the exit strategy and show how relevant activities will be continued to secure the benefits from the project. Where individuals receive advanced training, for example, what will happen should that individual leave? (Max 200 words)**

There is a clear role for the project in that it will act as a catalyst for the integration of past data, targeted gathering of additional data collection, and the formulation of a spatially explicit marine biodiversity action plan which will act as a roadmap for further action in the seas of Gabon and its closest neighbours with which it shares so many biological resources. There is a stable endpoint in that capacity and awareness will have been raised to an all-time high with the launch of the marine BAP. Sustainability will depend on the ongoing commitment of the organisations that currently make up the consortium. This is highly likely given the sustained efforts made by all organisations to date. There will be considerable legacy aspects to this project including a marine biodiversity atlas/GIS database.

Although one individual will receive advanced training (MSc) as an integral part of the project, multiple individuals in the Fisheries Directorate (FD) will receive practical training as part of the project which, irrespective of the long-term plans of the Darwin Graduate Trainee, will leave the FD with much greater capacity and knowledge base than the present.

**16. If your project includes training and development, please indicate how you will assess the training needs in relation to the overall purpose of the project. Who are the target groups? How will the training be delivered? What skills and knowledge do you expect the beneficiaries to obtain. How will you measure training effectiveness. (max 300 words)**

You should address each of these points.

A number of training needs were highlighted *a priori* by project partners and will be addressed as detailed in **A-C** below. In addition, as part of **Darwin (Visioning) workshop 1** involving all project partners, stock will be taken of the current state of knowledge and emerging priorities for additional training and research.

**A. GIS/VMS data analysis** – despite having the data collection mechanism in place for industrial fisheries in Gabonese waters, the Fisheries Directorate have highlighted that they are under-capacity for effective analysis, allowing exploitation of this leading-edge technology for spatially explicit management. This need will be targeted by **Darwin workshop 2, the MSc training** of the Darwin Graduate Trainee and will be followed up with remote and in situ support by the Darwin Research Fellow who has led the way with the analysis of such data-sets in the UK. Target groups will include staff from Fisheries, National Parks and Navy as well as key players in the marine conservation realm.

**B. Fisheries Observers** – all Gabon partners have highlighted the need for such a programme and this will be one of the key deliverables of the project. The core of Initial training will be formed by **Darwin workshop 3**. Target groups will be trainee observers, Fisheries and National Parks staff. Following the initial workshop sequential meetings and mentorship will occur, appraising data quality and processes until a refined process and a team of fully trained individuals result.

**C. Inwater Monitoring** – a clear need highlighted by NGO partners is the capacity to undertake inwater monitoring for marine vertebrates (turtles, cetaceans and manatees). This will be the focus of **Darwin workshop 4** which will be based in the waters of Corisco Bay and will spearhead the inwater research needed there and also facilitate subsequent work in other National Parks by Parks staff.

## LOGICAL FRAMEWORK

17. Please enter the details of your project onto the matrix using the note at Annex 3 of the Guidance Note. This should not have substantially changed from the Logical Framework submitted with your Stage 1 application. Please highlight any changes. (Use no smaller than Arial 10 pt)

Project summary	Measurable Indicators	Means of verification	Important Assumptions
<b>Goal:</b> Effective contribution in support of the implementation of the objectives of the Convention on Biological Diversity (CBD), the Convention on Trade in Endangered Species (CITES), and the Convention on the Conservation of Migratory Species (CMS), as well as related targets set by countries rich in biodiversity but constrained in resources.			
<b>Sub-Goal:</b> The marine biodiversity of Gabon is well conserved for future sustainable use.	Fisheries observer programmes show reduced levels of marine vertebrate bycatch Marine fisheries effectively managed and illegal fisheries excluded from marine protected areas. Increasing populations of key marine taxa	Data from Ministry of Forestry, Water and Fisheries (MFWF)  Surveillance by Gabonese Navy and National Parks, VMS data  Data from governmental and non-governmental monitoring programmes	
<b>Purpose</b> Improved national and local capabilities applied to the sustainable and equitable management of marine biodiversity of Gabon	Marine Biodiversity Action Plan effectively enacted.	Monitoring continued. Reports and publications by partner organisations	Central African Partner organisations incorporate new knowledge into future strategies and workplans.  Continued political stability
<b>Outputs</b> 1. Partners trained in monitoring, research and database use	Training workshops Training of Darwin Conservation Officer and other local partners Training of Darwin Graduate Trainee to MSc Darwin Staff to international conferences	Workshop Reports Functioning fisheries observer programme and bycatch data MSc thesis	Trained individuals remain in employment by partner organisations.
2. Increased knowledge of the marine biodiversity of Gabon to inform decision makers	GIS Database Marine Biodiversity Action Plan Species and habitat maps Darwin conference; Scientific Papers	Outputs provided to Darwin; included on project website and reports	Partners provide and share data.
3. Increased awareness of the marine environment	Website; newsletters; press releases; Workshops; Darwin conference	Web hits Circulation of Darwin Newsletter Media Items Conference outputs	

4. Project monitoring	Darwin reporting Steering group meetings	Reports to Darwin Initiative Minutes of meetings	
<p><b>Activities</b> (details in workplan)</p> <p>1.1 Workshops (1. Visioning; 2. GIS/VMS; 3. Fisheries Observer; 4. Inwater Monitoring; 5. Action Planning; Dates per workplan)</p> <p>1.2 Darwin Graduate Trainee identified</p> <p>1.3 Darwin Project Officer identified</p> <p>1.4 Conference attendance Darwin staff</p> <p>2.1 GIS database established</p> <p>2.2 VMS data under analysis</p> <p>2.3 Fisheries observer programme underway</p> <p>2.3 Marine Vertebrate monitoring underway</p> <p>2.4 Scientific papers</p> <p>2.5 Darwin conference</p> <p>2.6 Marine Biodiversity Action Plan</p> <p>3.1 Website established</p> <p>3.2 Production of Darwin Newsletters</p> <p>3.3 Press releases in Gabon and UK</p> <p>3.3 Darwin Seminars for key stakeholders</p> <p>3.4 Darwin Conference</p> <p>4.1 Darwin reporting</p> <p>4.2 Steering Group meetings</p>			
<p><b>Monitoring activities:</b></p> <p>Indicator 1 – Minutes from 6-monthly Steering Committee meetings</p> <p>Indicator 2 – Maps of fishing effort</p> <p>Indicator 3 – Fisheries observer programme underway</p> <p>Indicator 4 - New marine vertebrate monitoring underway</p>			

18. 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. **Note lighter shaded areas represent continued effort throughout the project timeframe**

Activity	Months	Year 1 (09/10)				Year 2 (10/11)				Year 3 (11/12)			
		1	2	3	4	1	2	3	4	1	2	3	4
1.1 Darwin Workshop 1-Visioning	June 09												
Darwin Workshop 2-GIS/VMS	July 09 (with ongoing support)												
Darwin Workshop 3- Fisheries Observer	Nov 09 (with ongoing support)												
Darwin Workshop 4-Inwater Monitoring	Dec 09 (with ongoing support)												
Darwin Workshop 5 – Action Plan	Apr 11												
1.2 Darwin Graduate Trainee Identified	June 09												
Darwin Trainee begins MSc	Sep 09												
Darwin Trainee completes MSc	Sep 10												
1.3 Darwin Project Officer Recruited	June 09												
1.4 Conference Darwin staff	Feb												
2.1 GIS database established	Aug 09 (with ongoing support)												
2.2 VMS data under analysis	Aug 09 (with ongoing support)												
2.3 Fisheries Observer Programme	Dec 09 (with ongoing support)												
2.4 Marine Vertebrate monitoring	Jan 10 (with ongoing support)												
2.5 Submission of Scientific Papers	Nov 09, May 10, Nov 10, May 11												
2.6 Marine Biodiversity Action Plan	Aug 11												
3.1 Website Established	Jun 09 (with ongoing updates)												
3.2 Production of Newsletters	Oct 09, Jun 10, Feb 11, Aug 11												
3.3. Press releases in Gabon and UK	Apr 09, Mar 10, Nov 10, Aug 11												
3.4 Darwin Seminars for key stakeholders	Nov 09, Jul 10, Apr 11												
3.5 Darwin Conference	Jul 12												
4.1 Darwin Reporting	Per Darwin Timetable												
4.2 Steering Group Meetings	Jun 09, Dec 09, Jun 10, Dec 10, Jun 11												

**19. Please indicate which of the following Standard Measures you are likely to report against.**

You will not necessarily plan to cover all these Standard Measures in your project.

Standard Measure No	Description	Tick if Relevant
1A	Number of people to submit thesis for PhD qualification (in host country)	
1B	Number of people to attain PhD qualification (in host country)	
2	Number of people to attain Masters qualification (MSc, MPhil etc)	1
3	Number of people to attain other qualifications (i.e. Not outputs 1 or 2 above)	
4A	Number of undergraduate students to receive training	
4B	Number of training weeks to be provided	
4C	Number of postgraduate students to receive training	
4D	Number of training weeks to be provided	
5	Number of people to receive at least one year of training (which does not fall into categories 1-4 above)	
6A	Number of people to receive other forms of education/training (which does not fall into categories 1-5 above)	20
6B	Number of training weeks to be provided	40
7	Number of (i.e. different types - not volume - of material produced) training materials to be produced for use by host country (manuals, datasheets, powerpoints)	3
8	Number of weeks to be spent by UK project staff on project work in the host country	26
9	Number of species/habitat management plans (or action plans) to be produced for Governments, public authorities, or other implementing agencies in the host country	1
10	Number of individual field guides/manuals to be produced to assist work related to species identification, classification and recording	
11A	Number of papers to be published in peer reviewed journals	4
11B	Number of papers to be submitted to peer reviewed journals	4
12A	Number of computer based databases to be <b>established</b> and handed over to host country	3
12B	Number of computer based databases to be <b>enhanced</b> and handed over to host country	3
13A	Number of species reference collections to be <b>established</b> and handed over to host country(ies)	
13B	Number of species reference collections to be <b>enhanced</b> and handed over to host country(ies)	
14A	Number of conferences/seminars/ workshops to be <b>organised</b> to present/disseminate findings	2
14B	Number of conferences/seminars/ workshops <b>attended</b> at which findings from Darwin project work will be presented/ disseminated.	2
15A	Number of national press releases in host country(ies)	5
15B	Number of local press releases in host country(ies)	
15C	Number of national press releases in UK	2
15D	Number of local press releases in UK	2
16A	Number of newsletters to be produced	4
16B	Estimated circulation of each newsletter in the host country(ies)	1000
16C	Estimated circulation of each newsletter in the UK	250
17A	Number of dissemination networks to be <b>established</b>	1
17B	Number of dissemination networks to be <b>enhanced/ extended</b>	
18A	Number of national TV programmes/features in host country(ies)	2
18B	Number of national TV programmes/features in UK	
18C	Number of local TV programmes/features in host country(ies)	
18D	Number of local TV programmes/features in UK	
19A	Number of national radio interviews/features in host county(ies)	
19B	Number of national radio interviews/features in UK	
19C	Number of local radio interviews/features in host country(ies)	2
19D	Number of local radio interviews/features in UK	1
20	Estimated value (£'s) of physical assets to be handed over to host country(ies)	£61,519
21	Number of permanent educational/training/research facilities or organisations to be established and then continued after Darwin funding has ceased	
22	Number of permanent field plots to be established during the project and continued after Darwin funding has ceased	100
23	Value of resources raised from other sources (i.e. in addition to Darwin funding) for project work	£313,543

## PROJECT BASED MONITORING AND EVALUATION

20. Describe, referring to the Indicators in the Logical Framework, how the progress of the project will be monitored and evaluated, including towards delivery of its outputs and in terms of achieving its overall purpose. This should be during the lifetime of the project and at its conclusion. Please include information on how host country partners will be included in the monitoring and evaluation.

The progress of the project against key milestones and indicators will be appraised by a Steering Group made up of partner organisation that will meet bi-annually. Minutes from these meetings will be circulated to all partners with any actions necessary articulated.

There will be regular communication among project partners, facilitated by a an e-mail listserv and the field presence of the two key Darwin Staff in Gabon i.e. the Darwin Fellow and Darwin Conservation Officer.

Although an necessarily ambitious project, there are a number of key indicators that will show the progress of the project as catalysed by the launch of several ongoing initiatives. These include websites development, GIS database elaboration, VMS analysis, Fishery Observer Programme and launch of new marine vertebrate monitoring initiatives. All of these are clearly articulated and time stamped.

## FUNDING AND BUDGET

Please complete the separate Excel spreadsheet which will provide the Budget information for this application. Some of the questions below refer to the information in this spreadsheet.

**NB: Please state all costs by financial year (April to March). Use current prices – and include anticipated inflation, as appropriate up to 3% per annum. The Darwin Initiative will not be able to agree increases in grants to cover inflation on UK costs once grants are awarded.**

21. How is your organisation currently funded? (max 100 words)

The University of Exeter is funded by a mosaic of governmental, charitable and commercial sources. The Marine Turtle Research group is funded by limited core funding from the University supplemented by grants and consultancy from sources that have included Defra, DfID, FCO, NERC, Royal Society and smaller foundations. See full audited accounts at: [http://admin.exeter.ac.uk/finance/publications/financial\\_statements/index.shtml](http://admin.exeter.ac.uk/finance/publications/financial_statements/index.shtml)

22. Provide details of all **confirmed** funding sources identified in the Budget that will be put towards the costs of the project, including any income from other public bodies, private sponsorship, donations, trusts, fees or trading activity. Please include any additional **unconfirmed** funding the project will attract to carry out addition work during or beyond the project lifetime. Indicate those funding sources which are confirmed.

**Confirmed:**

**These are extensive with >£313k already secured (>50% of the total project cost):**

**Gabonese Partners** are providing significant salary, overhead and travel costs (**£62,250**).

**University of Exeter** is providing salaries of Dr.Godley (12.5%); Dr. Broderick (5%); and the vast majority of overhead/estates costs for all UoE staff including proposed Darwin Research Fellow, Dr. Matthew Witt. In addition travel, dedicated computing and additional equipment will be given (**total: £171,258**). Finally, UoE will fund **50%** of the MSc fee for the Government of Gabon officer

**(£6,000).**

**SEATURTLE.org** is providing Dr, Michael Coyne and all overhead **(£14,035)** and significant satellite tracking costs for leatherback and olive ridley turtles **(£60,000)**.

**Unconfirmed:**

We will actively fund-raise as opportunities become available to increase impact and legacy of the project.

23. Please give details of any further funding resources (confirmed or unconfirmed) sought from the host country partner (s) or others for this project that are not already detailed in the Budget or Question 22. This will include donations in kind or un-costed support e.g. accommodation. (max 50 words per box)

<b>Financial resources:</b>  None
<b>Funding in kind:</b>  We have not costed all the time from participating NGO's as part of the bid, but given their number and commitment to the project, over the duration of the project, this would be a significant amount.

**FCO NOTIFICATIONS**

Please check the box if you think that there are sensitivities that the Foreign and Commonwealth Office will need to be aware of should they want to publicise the project's success in the Darwin competition in the host country.

Please indicate whether you have contacted the local UK embassy or High Commission directly to discuss security issues (see Guidance Notes) and attach any advice you have received from them.

Yes (no written advice)  Yes, advice attached  No

**CERTIFICATION 2009/10**


On behalf of the University of Exeter  
 (\*delete as appropriate)

I apply for a grant of £121,076 in respect of expenditure to be incurred in the financial year ending 31 March 2010 on the activities 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 UK institution to submit applications and sign contracts on their behalf.)

A copy of the organisation's most recent audited accounts and annual report are available here: [http://admin.exeter.ac.uk/finance/publications/financial\\_statements/index.shtml](http://admin.exeter.ac.uk/finance/publications/financial_statements/index.shtml) I include CVs for project principals and letters of support.

Name (block capitals)	PROFESSOR ALLEN MOORE
Position in the organisation	CENTRE DIRECTOR

Signed  Date: 28/11/08



## Stage 2 Application - Checklist for submission

	Check
Have you provided actual start and end dates for your project?	Yes
Have you provided your budget based on UK government financial years i.e. 1 April – 31 March?	Yes
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?	Yes
Is the concept note within 1,000 words?	Yes
Is the logframe no longer than 2 pages and have you highlighted any changes since Stage 1?	Yes
Has your application been signed by a suitably authorised individual? (clear electronic or scanned signatures are acceptable)	Yes
Have you included a 1 page CV for the Project Leader, any other UK staff working 50%+ on this project, and for a main individual in each overseas partner organisation?	Yes
Have you included a letter of support from the main overseas partner organisations?	Yes
Have you checked with the FCO in the project country/ies and have you included any evidence of this?	We have phoned and written and await a reply from BHC in Yaounde, Cameroon.
Have you included a copy of your most recent annual report and accounts? An electronic link to a website is acceptable.	See <a href="http://admin.exeter.ac.uk/finance/publications/financial_statements/index.shtml">http://admin.exeter.ac.uk/finance/publications/financial_statements/index.shtml</a>
Have you read the Guidance Notes ?	Yes

Once you have answered Yes to the questions above, please submit the application, not later than midnight GMT on **Monday 1 December 2008** to [Darwin-Applications@ltsi.co.uk](mailto:Darwin-Applications@ltsi.co.uk) using the application number (from your Stage 1 feedback letter) and the first few words of the project title **as the subject of your email**. However, 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). **In addition**, a hard copy of the application and any supporting documents not available electronically should be submitted to the Darwin Applications Management Unit, c/o ECTF, Pentlands Science Park, Bush Loan, Penicuik EH26 0PL **postmarked** not later than **Tuesday 2 December 2008**.

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 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 (i.e. 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.