

**Sa\100070**

**Community managed protected areas  
for biodiversity and livelihoods (Côte  
d'Ivoire)**

**Metcalfe, Kristian | University of Exeter**

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**Funding sought**  
**Project start/end**

**£7,041.85**  
**2 Jul 2018 - 13 Jul 2018**

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## 1. Contact Details

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### Q1. Lead applicant contact details

Please enter the contact details for the lead applicant. The lead applicant is the same as the Flexi-Grant account holder. Please note that the Flexi-Grant account holder will be the only contact point for the application.

Dr Kristian Metcalfe

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Co-PI

Primary Applicant

University of Exeter, Centre for Ecology and Conservation, Penryn, Cornwall, TR10 9FE, United Kingdom (Work)

Prof Brendan Godley

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Co-PI

[http://biosciences.exeter.ac.uk/staff/index.php?web\\_id=brendan\\_godley](http://biosciences.exeter.ac.uk/staff/index.php?web_id=brendan_godley) (Work)

University of Exeter , Centre for Ecology and Conservation, Penryn, Cornwall, TR10 9FE, United Kingdom (Work)

### Q2. Lead organisation contact details

Please enter the applicant organisation details

University of Exeter

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<http://biosciences.exeter.ac.uk/cec/> (Work)

University of Exeter, Centre for Ecology and Conservation, Penryn, Cornwall, TR10 9FE, United Kingdom (Work)

**Please add any 'Committee Feedback' to the field below:**

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**Please add any 'Specific Ineligibility' feedback to the field below:**

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**Please add any 'Conditions' to the field below:**

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**Please add any 'Positive Feedback to the field below:**

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## 2. Title & Location

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### Q3. Working title of the proposed Darwin project

Community managed protected areas for biodiversity and livelihoods (Côte d'Ivoire)

### Q4a. Host country (of proposed Scoping trip)

Ivory Coast

### Q4b. Other collaborating country/ies

Gabon

### Q5. Is this a resubmission of a previous scoping application?

No

### 3. Scoping Principals & Lead Organisation Summary

#### Q6. Principals in Scoping work i.e. the travellers

Please give the details of the individuals (up to 2) from the lead organisation who would be directly involved in the Scoping work - i.e. making a visit to a host country. One page CVs must be provided.

Details	Main traveller	Second traveller
<b>Surname</b>	Metcalfe	McClellan
<b>Forename(s)</b>	Kristian	Catherine
<b>Post held</b>	Post-doctoral Research Fellow (Specialist: Marine Spatial Planning, Marine Protected Areas Design, Artisanal Fisheries)	Post-doctoral Research Fellow (Specialist: Marine Ecology, Fisheries Bycatch, Marine Spatial Management)
<b>Department</b>	Centre for Ecology and Conservation (CEC), University of Exeter (UoE)	Centre for Ecology and Conservation (CEC), University of Exeter (UoE)
<b>Telephone/Skype</b>		
<b>Email</b>		
<b>Country travelling from</b>	United Kingdom	United Kingdom
<b>Please attach the traveller's CV</b>		

#### Q7a. About the lead applicant organisation

Briefly discuss your expertise in sustainable use or conservation of biodiversity

**and/or development. Please refer to recent track record you have in this field. You may be asked to provide evidence of this track record.**

The Centre for Ecology and Conservation (CEC) at the University of Exeter (UoE), established in 2003, currently has 60 active academic faculty with vast interdisciplinary experience who are engaged in research in the fields of evolutionary biology, behavioural ecology, fundamental and applied ecology, conservation and social sciences. The CEC has an established track record of working with a diverse range of stakeholders and partner organisations on Darwin Initiative projects in Central African countries with high natural resource reliance since 2007 (i.e. Gabon: 17-005 and 20-009, Republic of Congo: 20-009 and 23-011; and Principe 23-012) covering aspects of ecosystem-based management, resource governance, marine and land-use planning, social science, community engagement, participatory mapping, and fisheries monitoring and enforcement.

Both Drs Metcalfe and McClellan have been involved in these projects, which have made a significant contribution to marine biodiversity conservation and fisheries governance in the region, resulting in the implementation of a new network of marine protected areas (MPAs), covering 46,000km<sup>2</sup>, the creation of a network of community and industrial fishing zones designed to protect local livelihoods, securing access rights and maintaining food security, and the revision of fisheries laws to meet international standards (Darwin Initiative Project Ref 20-009 Evaluation Score A+).

**Q7b. Would you like to include a letter of support from the lead applicant?**

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.**

## 5. Project Partners

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### Q8. About the partner organisation(s)

Please list all the partners involved and explain their roles and responsibilities in the Scoping work. Briefly discuss your partner's expertise in sustainable use or conservation of biodiversity and/or development. Please refer to recent track record they have in this field. You may be asked to provide evidence of this track record. If there is more than 1 partner organisation, you can enter the details of more partners below. Please specify which of the partners is new to the partnership.

<b>1. Partner Name:</b>	Conservation des Espèces Marines (CEM)
<b>Website address:</b>	<a href="http://www.ong-cem.org">www.ong-cem.org</a>
<b>Details of anticipated roles and responsibilities:</b>	CEM is the Côte d'Ivoire's only NGO with a focus on marine biodiversity and coastal livelihoods, working with full support of the Ministries of Environment, and Water and Forests. CEM will thus facilitate meetings with stakeholders, support delivery of project activities and act as fund administrator in-country.

<p><b>Expertise in sustainable use or conservation of biodiversity and/or development:</b></p>	<p>CEM was created in 2014 in Grand-Béréby focusing on conservation of marine biodiversity, improvement of coastal livelihoods through basic infrastructure and capacity-building, and the development of sustainable management of marine resources. CEM manager, José Gomez, has &gt;20 years of experience in community-based conservation in Côte d'Ivoire, while CEM president, Alexandre Dah, has worked in Grand-Béréby since 2010 and is currently completing a PhD at the University of Abidjan. Through on-going activities in sea turtle conservation, CEM have successfully integrated local communities and strengthened management of the diverse habitats in the area. Illegal sea turtle take has been virtually eliminated and beach patrols extended to cover more than 40 km, and livelihood initiatives catalysed in 6 villages actively enforcing protection. In addition to strong buy-in from local communities, CEM has support from national and local authorities, including the Naval Police enforcing fisheries regulations, the local municipality, and the ministries of Environment, and Water and Forests. In 2017, funding was secured to establish a new 5,000-hectare terrestrial Community Natural Reserve at the Dodo Rivermouth, to be integrated within the national protected area system. The proposed 18,000-hectare Marine Protected Area to be subject of this project is adjacent to this terrestrial component.</p>
<p><b>Name of main contact point and post held:</b></p>	<p>José Gómez Peñate   Project Coordinator Alexandre Dah   President</p>
<p><b>Would you like to include a letter of support from this organisation?</b></p>	<p><input checked="" type="radio"/> Yes</p>
<p><b>Letter of Support:</b></p>	<p><b>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.</b></p>



**Do you have more than one partner involved in the Scoping work?**

No

**Q9. Can you confirm that none of the partners (excluding the lead applicant) have led a Darwin Initiative Main Project before?**

Yes

## 6. Justification & Concept Notes

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### Q10. Justification of need for a Scoping Award

**Please provide written details of why alternative funding is not available from within your own organisation or from other sources. Will matched funding be provided?**

This is a new initiative and partnership with the Côte d'Ivoire NGO, Conservation des Espèces Marines (CEM), facilitated by Dr Angela Formia - Central Africa Marine Turtle Program Coordinator for the Wildlife Conservation Society (WCS) and coordinator for the Partenariat Tortues Marines Gabon (PTMG); who recognised the need for additional support and technical expertise that the University of Exeter (UoE) brought to previous and current Darwin Initiative funded projects in Central Africa (Gabon: 17-005, 20-009; Republic of Congo: 23-011; and Principe: 23-012). PTMG is a consortium of ~ 6 local organisations working for marine conservation in Gabon using sea turtles as flagship/umbrella species

There is no available funding at the UoE or in Côte D'Ivoire. If the Darwin Initiative Scoping Award is successful Dr Formia (WCS/PTMG) will provide match funding equivalent to £4,344 GBP to cover salary (time), travel (flights and visa), and daily accommodation and subsistence costs associated with her attendance at stakeholder workshop in Côte d'Ivoire, to help facilitate meetings and catalyse the initiative. CEM will also provide match funding through supporting travel and subsistence of its team based in both Abidjan and Grand-Béréby.

### Q11. Concept note for the Scoping Award

**This question concentrates on the scoping study work and should demonstrate the objectives of the Award including:**

- objectives of the visit
- what work (including research, remote communications or other collaborations) has been carried out prior to applying for this Award
- what work will be carried out under the Award – please see the guidance for advice on what type of activity can be funded
- evidence of the proposed partners' intentions to collaborate in your Scoping work

Objectives: In 2017, an 18,000-hectare Marine Protected Area (MPA) was proposed by CEM, adjacent to a community Natural Reserve at the Dodo Rivermouth in Grand-Béréby that is being established with funding by the Rainforest Trust. The MPA creation is spearheaded by a team of experts from the United Nations Environment Programme (UNEP)/Abidjan Convention Secretariat, and is to be integrated into the national protected areas network under the authority of the Ministry of Environment (ME) (see partner supporting letter for map of study area). However, there is limited understanding on whether the proposed MPA boundaries and management will adequately represent and/or protect key biodiversity, as well as its potential impacts on local livelihoods and fisheries stocks.

The proposed scoping visit will: (1) help build the full consortium of partners for the main bid that will be designed to address these key knowledge gaps; (2) clearly outline the scope of the full proposal and the specific roles of the different partners in terms of delivery of project activities, monitoring and evaluation; (3) provide a clear understanding of national, regional and local capacity, and logistical constraints for fieldwork; and (4) identify the needs of the local communities and what interventions can be undertaken to augment livelihoods and wellbeing through the project and subsequently by a fully functioning MPA.

Previous work: The local partners have carried out marine turtle monitoring with the support of Dr Formia (WCS/PTMG) through field visits and remote technical assistance, but as yet no directed work has been carried out on fisheries and marine biodiversity more generally. Thus far, the relationship with UoE has been electronic communications with project partners, originally about putting together a full Darwin proposal, but it became apparent that for such a bid to be successful, a field visit was needed and the team has waited for the opportunity of a scoping project to develop a more robust proposal.

Scoping visit: To date, UoE have not been in-country. Drs McClellan and Metcalfe will join with Dr Formia (WCS/PTMG) for a scoping visit that will see the following activities:

1. Meetings with local authorities (e.g. government agencies, village chiefs) and key stakeholders (e.g. NGOs, fishery cooperatives).
2. 1 day workshop with local community members and government representatives to identify current challenges, threats, priorities and needs.
3. Field visits to conduct focus groups with local communities to develop baseline information on the role of gender, different fisheries practices, and number of households to benefit from the project.
4. Focus groups with local communities to ascertain baseline information on willingness of communities to engage in participatory data collection using GPS tracking as a demonstration tool.

Local Support: We have appended a strong letter of support from the main Côte d'Ivoire partner Conservation des Espèces Marines (CEM). This NGO has the full support of the regional government (Deputy Governor), the Ministry of Transport (Maritime Police), the Ministry for Environment and Sustainable Development (CBD Secretariat), the Ministry of Water and Forests, and UNEP (please see additional appended letters and associated translations).

## **Q12. Concept note for the resultant project**

**This question concentrates on the full Darwin application you intend to submit after the Scoping Award and should discuss:**

- the expected outcome and outputs of the resultant Darwin project
- how the resultant Darwin project would meet a need in the host country (and the wider region if applicable e.g. if the proposed project would be based in a UMIC)

- how the project would contribute to any or all of the following Conventions: the Convention on Biological Diversity (CBD); the Nagoya Protocol on Access and Benefit-sharing (ABS); the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA); the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
- how the project will contribute to sustainable development in the country concerned
- briefly what the proposed partner's/s' expected role in the resultant Darwin project will be
- briefly the expected role of the Scoping travellers in the resultant Darwin project.

The proposed Darwin Project in Grand-Béréby will introduce participatory monitoring and management of marine biodiversity and resources to key stakeholders in Côte d'Ivoire, as well as increasing awareness on the importance and role of gender in fisheries. An evidence-based management plan established in partnership with vulnerable local communities and authorities will lead to improved protection of marine biodiversity (particularly vertebrates covered by CITES and CMS, for which this region is globally important) and fisheries resources; significantly increasing the amount of Côte d'Ivoire's exclusive economic zone currently under formal protection (baseline ~0.07% - [www.protectedplanet.net](http://www.protectedplanet.net)).

The resultant project will thus contribute to all three main objectives of the Convention on Biological Diversity (CBD; ratified by Côte d'Ivoire in 1995), and be strongly aligned with the CBDs programme of Work on Marine and Coastal Biodiversity. In particular, the project will inform the development of national strategies (Article 6), and the establishment of evidence-based conservation and management measures such as marine protected areas (Article 8) that are designed to ensure the conservation and sustainable use of marine and coastal biological diversity (Articles 10 and 11).

By actively promoting community participation in the planning and management of marine protected areas in line with decision VII/28 on protected areas, and taking practicable actions to rebuild fish populations and protect key habitats the project will help reduce direct pressure on biodiversity, secure access rights to important fishing grounds; thereby ensuring food security and contributing to poverty alleviation in fisheries-dependent communities (CBD Aichi Biodiversity Targets 1, 2, 6, 11, 12 and 14).

The implementation of spatial management tools such as marine protected areas will also make a substantial contribution towards Côte d'Ivoire's commitment to meeting Sustainable Development Goals (SDGs). More specifically, implementation of evidence-based management plans and regulation of harvesting activities will ensure sustainable use of marine resources (Goal 14). Since small-scale fisheries make a vital contribution to livelihoods, this project will also support commitments to reduce poverty (Goal 1), and increase food security (Goal 2). Finally, the project will be gender transformative by increasing awareness and understanding of the importance of different gender roles and processes in the fisheries sector, thus providing a legitimate platform and voice to empower women (Goal 5).

In terms of roles, the stakeholder workshop will provide CEM, PTMG/WCS, ME, local authorities and representatives from ~8 fisheries communities with the opportunity to

be actively involved in the development of the full Darwin Project proposal to ensure sustained institutional and local support. The UoE will lead the project, act as fund administrator, and provide technical training (socio-economic data collection, biodiversity monitoring and marine spatial planning) to local staff within CEM and ME to improve institutional capacity and legacy beyond the project's lifetime. PTMG/WCS will also provide opportunity for peer-to-peer knowledge exchange by providing an opportunity for Gabonese staff to support training initiatives using lessons learned from Central Africa.

## 7. Costs

### Q13. Costs

Provide a detailed breakdown of costs to be funded by the Darwin Initiative in GBP.

	Main traveller	Second traveller	Total
Airfare including travel to airport			2,919.40
Visas and other travel documents			130.00
Total daily subsistence claimed (please provide details below)			1,270.32
Workshop costs (please provide details below)			£1,623.00
Other costs (please provide details below)			£1,099.13
		<b>Total request from Darwin (must not exceed £10,000)</b>	7,041.85

### Additional details to support the figures above

	Main traveller	Second traveller
Daily subsistence rate per day	£52.93	£52.93
Number of days subsistence claimed (max 30 days per traveller)	12	12

### Workshop costs

Please provide further details on your workshops costs.

Venue Hire: £500.00

Participant Transport: £201.00  
Catering: £602.00  
Materials (printing/notebook/pen): £120.00  
Equipment Hire (projector etc.): £200.00

Total Cost: £1,623.00

### **Other costs**

**Please provide further details on your other costs.**

Vehicle Hire & Fuel: £659.00  
Focus Groups (catering/refreshments): £440.00

Total Cost: £1,099.13

## 8. Timetable & Activities

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### Q14. Activities and timings

Please complete the Scoping Award Timetable to include your anticipated dates of travel (start and finish) and activities to be undertaken on your trip. **N.B.:** this question is specifically about your travel plans – your dates and specific milestones during travel – NOT your timetable to Stage 1 application. Your application will be considered ineligible if this section does not specifically cover your planned scoping trip.

Date	Milestone
02/07/2018	<b>START</b>
02/07/2018	Train Falmouth to London (Overnight hotel Heathrow Airport)
03/07/2018	Flight London Heathrow to Abidjan Côte d'Ivoire (via Paris) - Overnight Hotel Abidjan
04/07/2018	Morning: Meeting government partners   Afternoon: Flight Abdjan to San Pedro
05/07/2018	Morning: Meeting with regional Government Institutions   Afternoon: stakeholder workshop preparation
06/07/2018	Field visit (community introductions)
07/07/2018	Stakeholder workshop (full day)
08/07/2018	Stakeholder synthesis - preparation of dissemination material to attendees (full day)



09/07/2018	Field visit (focus groups - 2 communities)
10/07/2018	Field visit (focus groups - 2 communities)
11/07/2018	Morning: Synthesis meeting regional Government Institutions   Afternoon: flight San Pedro to Abidjan - Overnight Hotel Abidjan
12/07/2018	Flight Abidjan Côte d'Ivoire to London Heathrow (via Paris) - Land morning of 13/07/2018 and return by train to Falmouth
13/07/2018	<b>FINISH</b>

**Q15. In what year would you expect to submit the full Darwin project application?**

Round 25

## 9. Certification

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### Q16. Certification

On behalf of the

company

of

University of Exeter

I apply for a grant of

£7,041.85

in respect of all expenditure to be incurred during the lifetime of this project based on the activities and dates specified in the above application.

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

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

- I have uploaded CVs for project principals
- I have uploaded letters of support from the lead application organisation and the partner(s)



<b>Name</b>	Brendan J Godley
<b>Position in the organisation</b>	Chair of Conservation Science and Head of University of Exeter's Marine Strategy

<b>Signature (please upload e-signature)</b>	
<b>Date</b>	01/02/2018

**If this section is incomplete the entire application will be rejected.**

## 10. Submission Checklist

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### Checklist for submission

	Check
Have you provided anticipated start and end dates for your Scoping trip?	<input checked="" type="checkbox"/>
Has your application been signed by a suitably authorised individual?	<input checked="" type="checkbox"/>
Have you read the Guidance documents for both <u>Main projects</u> and <u>Scoping awards</u> , and are you satisfied that your concept would be eligible for a main project application?	<input checked="" type="checkbox"/>
Have you read the current <u>Terms and Conditions</u> for this fund and can you confirm you are willing to be bound by these if your application is successful?	<input checked="" type="checkbox"/>
Have you uploaded 1 page CVs and letters of support as required?	<input checked="" type="checkbox"/>
Have you checked the <u>Darwin website</u> immediately prior to submission to ensure there are no late updates?	<input checked="" type="checkbox"/>