

Applicant: **Maddison, Neil**  
Organisation: **Living Earth Ltd**  
Funding Sought: **£8,730.00**

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# **DIR25PP\100072**

**Harvesting invasive species to enhance delivery of multiple ecosystem services**

# Section 1 - Contact Details

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## PRIMARY APPLICANT DETAILS

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Title Mr  
Name Neil  
Surname Maddison  
Organisation Living Earth Ltd  
Website (Work) **www.livingearth.ltd**  
Tel (Work) [REDACTED]  
Email (Work) [REDACTED]  
Address [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

## GMS ORGANISATION

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Type	Organisation
Name	Living Earth Ltd
Phone (Mobile)	[REDACTED]
Email	[REDACTED]
Website	[REDACTED]
Address	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

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

*No Response*

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

*No Response*

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

*No Response*

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

*No Response*

# Section 2 - Title & Location

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## Q3. Working title of the proposed Darwin project

### Q4a. Host country (of proposed Partnership Project trip)

Nigeria

### Q4b. Other collaborating country/ies

No Response

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










No

## Section 3 - Partnership Project Principals & Lead Organisation Summary

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### Q6. Principals in Partnership Project 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 Partnership Project work – i.e. making a visit to a host country. One page CVs must be uploaded below.

Details	Main traveller (Project Leader)	Second traveller
Surname	Maddison	Rees
Forename(s)	Neil	Trevor
Post held	Project Director	Project Advisor
Department	Wildlife Conservation	Renewable Energies
		
		
		
Have you included an one page CV?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> Yes

### Please upload one page CVs for all Principals involved in Partnership Project work

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 [Living Earth Harvesting invasive species - CV Trevor Rees](#)  
 13/11/2018  
 19:18:23  
 pdf 333.07 KB

 [Neil Maddison LEL one page CV](#)  
 13/11/2018  
 13:57:28  
 pdf 610.27 KB

## 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.**

Living Earth Foundation (LEF, now incorporated as Living Earth Limited, LEL, and wholly owned by The Conservation Foundation, a UK registered charity), founded 1987, has extensive experience and expertise in supporting disadvantaged communities to benefit from sustainable development whilst safeguarding biodiversity and other natural resources. Examples are numerous, including:

- i. Experience of developing and delivering large-scale community capacity building, sustainable development and social enterprise projects in Nigeria, Kenya, Cameroon and elsewhere
  - ii. Working with communities living in mangrove settings in the Niger Delta, including around forest and wildlife reserves
  - iii. Creating and delivering the 'Waste to Wealth' programme for poor urban communities in Nigeria (Niger Delta), Uganda and Cameroon
  - iv. Current and previous projects supporting rural poor to adapt from subsistence living to livelihood development through trade e.g. Darwin Initiative projects 17-011 (Comoros), 20-007 (Cameroon) and 24-005 (Cameroon)
  - v. Building the capacity of local NGOs, supporting local teams in Nigeria, Cameroon, Uganda and Kenya
- Details of previous projects undertaken, and expertise developed under TCF's Living Earth programme can be found at [www.livingearth.ltd](http://www.livingearth.ltd)

## Q7b. Have you obtained a letter of support from the lead applicant organisation?


**If yes, please upload below.**

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.**

 [Living Earth Harvesting Invasive plants in N](#)

[igeria](#)

 13/11/2018

 16:38:30

 pdf 390.45 KB

## Section 4 - 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 Partnership Project 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.**

**1. Partner Name:** Initiative for Life, Empowerment and Development (i-LEAD)

**Website address:** [www.ilead.org](http://www.ilead.org)

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**Details of anticipated roles and responsibilities:** i-LEAD will be the main implementing partner in-country, acting as a principal broker between the local communities and other actors. i-LEAD has a particular expertise in participatory project development. The organisation will ensure that women in particular are integrated into discussions such that they help shape outputs.

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**Expertise in sustainable use or conservation of biodiversity and/or development:** i-LEAD is dedicated to the conservation and restoration of wetlands in Nigeria. The organisation has been a pioneer of community-based approaches to sustainable wetland management in the country. Working with government agencies, the private sector and forest-dependent communities, the organisation has experience of working across the Niger Delta to monitor threats and to develop practical, sustainable on-the-ground solutions. In particular, the issue of water hyacinth choking waterways and negatively affecting wetlands biodiversity has been a long time interest of i-LEAD. Projects involving removal of the plants has been ongoing, with the bio-waste being abandoned as having no value. If value can be established, then the potential for mobilising local support is regarded as being substantial. Using i-LEAD networks this partnership project will therefore be able to 'fast-track' any 'solutions' that emerge from discussions with communities.

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**Name of main contact point and post held:** Michael Uwagbae, Executive Director

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**Have you included a letter of support from this organisation?**  Yes

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

Yes

**2. Partner Name:** Ministry of Environment, Bayelsa State Government of Nigeria (MOEBS)

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**Website address:** <https://www.bayelsa.gov.ng/https%3A/bayelsa.gov.ng/taxonomy/term/97>

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**Details of anticipated roles and responsibilities:** MOEBS has the ultimate responsibility for the management of Bayelsa State's protected areas, including Edumanom Forest Reserve. The Ministry's Commissioner of Environment has committed to make himself and his team available for the duration of the Scoping visit and subsequent discussions on strategic and implementation planning

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**Expertise in sustainable use or conservation of biodiversity and/or development:**

The MOEBS manages all of Bayelsa State's protected areas including forest reserves; there are currently 6 forest reserves in Bayelsa State. The agency works closely with other Ministries to ensure that the needs of local people, especially the rural poor, are taken into consideration when developing and implementing management practices.

MOEBS has been entrusted with the management and monitoring of the State's protected areas and communal forests, the valuation of all forest and fauna resources in the State, and with the issue of peoples' access to those resources and/or to the benefits that are generated from them. It liaises with profit and non-profit organisations in the forestry sector and maintains the observance of international conventions ratified by Nigeria relating access to and use of forest resources.

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**Name of main contact point and post held:**

Ere Davidson, Head, Climate Change Unit

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**Have you included a letter of support from this organisation?**

Yes

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**3. Partner Name:**

Eco Delta Services (EDS)

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**Website address:**

<https://www.ecodeltaservices.com>

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**Details of anticipated roles and responsibilities:**

The role of EDS will be to determine the most appropriate technology to convert biomass from harvested invasive species into off-grid energy solutions

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**Expertise in sustainable use or conservation of biodiversity and/or development:**

Established in 2014, EDS is a Nigerian firm specialising in low-carbon technologies, including agritech, cleantech and the delivery off grid-power solutions. The organisation is one of the founders of the Niger Delta Low Carbon Growth Initiative, a cross-sector partnership established in 2014 with the aim of bringing different actors - government agencies, private sector companies, civil society organisations and local communities - interested in the future of the Niger Delta together to address the low carbon development challenges the region faces

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**Name of main contact point and post held:**

Inemo Samiama, Managing Director

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**Have you included a letter of support from this organisation?**

Yes

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**4. Partner Name:**

*No Response*

**Website address:** *No Response*

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**Details of anticipated roles and responsibilities:** *No Response*

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**Expertise in sustainable use or conservation of biodiversity and/or development:** *No Response*

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**Name of main contact point and post held:** *No Response*

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**Have you included a letter of support from this organisation?**  Yes  
 No

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**5. Partner Name:** *No Response*

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**Website address:** *No Response*

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**Details of anticipated roles and responsibilities:** *No Response*

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**Expertise in sustainable use or conservation of biodiversity and/or development:** *No Response*

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**Name of main contact point and post held:** *No Response*

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**Have you included a letter of support from this organisation?**  Yes  
 No

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**6. Partner Name:** *No Response*

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**Website address:** *No Response*

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**Details of anticipated roles and responsibilities:** *No Response*

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**Expertise in sustainable use or conservation of biodiversity and/or development:** *No Response*

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**Name of main contact point and post held:** *No Response*

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**Have you included a letter of support from this organisation?**  Yes  
 No

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Please provide all partner letters of support in one combined PDF.

📄 [Living Earth Harvesting invasive species in](#)

[Nigeria - partners letters of support](#)

📅 13/11/2018

🕒 18:31:55

📄 pdf 812.81 KB

**Q9. Can you confirm that at least one of the partners have not previously been in receipt of Darwin funds?**

Yes

## Section 5 - Justification & Concept Notes

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### Q10. Justification of need for a Partnership Project

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?

TCF and LEL income is derived from private sector partnerships, external grants and consultancy services to organisations working in the wildlife conservation sector. The organisation does not have the financial resources available to enable it to meet the full cost of scoping studies in order to prepare information to the level of detail required by both donor bodies (such as bi-lateral and multi-lateral funders, who are targets for future funding), but it does have human resources and some of these will be utilised for the scoping study. Some co-finance towards the cost of staff time will be provided.

It is anticipated that matching funding for a future Darwin-funded project may be accessible under the Niger Delta Low Carbon Growth Initiative, a public-purpose platform for stakeholder engagement and analysis on the challenges facing the Niger Delta's transition to a green economy, a cross sector development partnership of government agencies, the private sector bodies and civil society organisations supported by the international donor community (Dutch and Norwegian Ministries of Foreign Affairs) and the private sector (Shell Nigeria).

A critical output from this partnership award will be feeding into the development of a updated management plan for for one of Bayelsa State's key forest reserves: Edumanom Forest Reserve, an area of 9,324 hectares that supports mangrove, swamp and tropical forest habitats, significant biodiversity and natural carbon sink values, and the livelihoods of several thousand low-income households and businesses.

### Q11. Concept note for the Partnership Project

This question concentrates on the Partnership Project work and should demonstrate the objectives of the project including:

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



The purpose of this project is to scope a partnership between government agencies, private sector companies, civil society organisations and local communities with a common interest in the sustainable management of one of six key forest reserves in Bayelsa State, Nigeria – Edumanom Forest Reserve (EFR) – and the opportunity to collaborate in order to identify and develop ways to achieve improved conservation and sustainable development outcomes. The scoping will enable the collection of necessary data to complete a main award application to the required technical standard. The key objectives of the project are to:

1. put in place partnership MoUs between the interested parties;
2. develop a Theory of Change to help inform project design;
3. identify potential social enterprise ventures that would generate triple-bottom-line returns, utilising project partners skills to assist in catalysing these;
4. produce a framework for 'biological data assessment';
5. describe the makeup of local communities living around the two forest reserves in terms of differences in power and wealth within/between the villages and how the project will avoid elite capture of benefits;
6. provide sufficient information to populate a project log frame, such as the numbers of beneficiaries by gender, age, capability.

Under the auspices of the Niger Delta Low Carbon Growth Initiative (NDLCGI), a landscape-level partnership of government agencies, private sector companies and civil society organisations established in 2014 with the support of international charitable and donor funding with the aim of facilitating a collaborative approach to low carbon development challenges in the Niger Delta, TCF, WIN, MOEBS and EDS have reached an agreement to work collaboratively on wildlife and critical habitat conservation through sustainable development projects in Bayelsa State, Nigeria. During the Concept Design Phase of NDLCGI (2016-2017), MOEBS requested support to review the State's plans for protected area management, particularly in relation to invasive species such as Water hyacinth (*Eichhornia crassipes*) and Nipa palm (*Nypa fruticans*) and management of their impact on the condition of the state's locally-threatened, globally-important mangrove stands.

The main body of work will be meeting with local communities living around the Edumanom Forest Reserve to understand their livelihood challenges and particular circumstances in order to feed into an outline Theory of Change, as well as obtaining some baseline socio-economic information. Based on the partners' expertise on identifying potential 'win-wins' for people living around protected areas, it is anticipated that potential opportunities can be raised with the communities for their consideration, although it is recognised that raising expectations of future funding must be avoided.

In addition, in order to access any offset funding allocated as part of the NDLCGI development, the management plan for the EFR needs to be updated with information coming out of this project's findings.

Please see the attached letters of support from all of the project partners in addition to a report of a meeting of the Implementation Group of the NDLCGI, of which WIN and MOEBS were members identifying the invasive species management as a priority for investment in research and development.

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

**This question concentrates on the full Darwin application you intend to submit after the Partnership Project 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); the Convention on the Conservation of Migratory Species of Wild Animals (CMS); the Ramsar Convention on Wetlands**

- **how the project will contribute to sustainable development in the country concerned**
- **briefly explain the proposed partner roles in the resultant Darwin project**
- **briefly the expected role of the Partnership Project travellers in the resultant Darwin project.**

Outcome – improved management of Edumanon Forest Reserve (9,324 hectares) in Bayelsa State through harvesting and utilisation of invasive species for multiple ecosystem services, including supply of feedstock for biopower distribution to local communities, enhanced sequestration of GHG through improved ecosystem function and habitat restoration, strengthened resilience of communities to climate change through improved natural resource management, livelihood security and economic diversification through development of new skills and markets; enhance household incomes through access to energy services and the development of energy-related job opportunities.

Outputs – outline Theory of Change; confirmation of socio-economic indicators for Log Frame; identification of key success factors for recruiting women in project development; MoU between like-minded organisations with synergistic skills and resources; enhanced management planning and delivery including awareness raising among local communities and training of forest guards and wildlife officers.

Need: MOEBS, the Bayelsa State Government of Nigeria’s agent in delivering targets under the Convention on Biological Diversity, has requested support from the partners in order to design and deliver an effective management plan for the Edumanom Forest Reserve. In particular, the agency wishes to identify a model of reserve management that incentivises local community participation and support through a commercial partnership that can tangible economic benefits on a sustainable basis.

LEL will identify potential skills, social and location capital that could be used for developing sustainable trade value chains and market. The organisation will also identify critical success factors that need to be taken into account when working with the communities to develop these opportunities.

i-LEAD will be the main implementing partner in-country, acting as a principal broker between the local communities, different community groups and other actors. The organisation has a particular expertise in formulating Reciprocal Environmental Agreements (REA) that could form the basis of future interventions, so will discuss the implications with local communities. The organisation will also ensure that women are integrated into discussions such that they help shape outputs.

MOEBS will ensure project design and activity conforms to Federal and State policy and regulatory constraints and is aligned with key local, national and international development goals and plans. MOEBS will ensure the project activity is developed as an integral part of state infrastructure for delivery protected area and broader environmental management goals and responsibilities.

EDS will determine the most appropriate technology to convert biomass from harvested invasive species into off-grid energy solutions for the benefit of local households and businesses, including data needs, existing data sources, identifying gaps and determining strategies to fill them in each part of the value chain. In addition to energy end-user requirements, and the technical specifications for energy generation based on the properties of the different types of invasive species available, an important focus will be determining the energy generation potential based on the quantum of each type of biomass type available

and their fuel characteristics.

## Section 6 - 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	£ [REDACTED]	£ [REDACTED]	£ [REDACTED]
Visas and other travel documents	£ [REDACTED]	[REDACTED]	[REDACTED]
Daily subsistence rate per day	£ [REDACTED]	[REDACTED]	
Number of days subsistence claimed (max 30 days per traveller)	[REDACTED]	[REDACTED]	
Total daily subsistence claimed (calculated from figures above)	£ [REDACTED]	[REDACTED]	[REDACTED]
Workshop costs (please provide details below)			£ [REDACTED]
Other costs (please provide details below)			£ [REDACTED]
		<b>Total request from Darwin (must not exceed £10,000)</b>	<b>£ 8,730.00</b>

### Workshop costs

Please provide further details on your workshops costs. Put N/A if not relevant.

It is convention in Nigeria that if a meeting is called for villagers to attend during the day, that recompense for leaving their work is in the form of providing a meal. We intend to hold 2 meetings in the communities adjacent to the EFR. It is anticipated that up to 150 people will attend each meeting.

Food for village meetings @ £ [REDACTED] per meeting, x 2 = £ [REDACTED]

Total community workshop costs = £ [REDACTED]

## Other costs

Please provide further details on your other costs. Put N/A if not relevant.

Local airfares - £ [REDACTED]

The main other costs are travel to the areas surrounding the EFR. Due to the difficulties in road conditions, a 4 x 4 vehicle is required, and a driver:

Travel to EFR - 5 days vehicle hire and fuel @ £ [REDACTED] per day = £ [REDACTED]

Daily subsistence rates for Michael Uwagbae, i-LEAD, Ere Davidson, MOEBS and Inemo Samiama, EDS @ £ [REDACTED] per day for five days = [REDACTED]

Daily allowance, Driver @ [REDACTED]

Total other costs [REDACTED]

## Section 7 - Timetable & Activities

### Q14. Provide 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 Partnership Project trip.

Date	Milestone
01 April 2019	<b>START</b>
01 April 2019	Travel to Port Harcourt via Abuja (Lead Traveller/Second Traveller)
03 April 2019	Travel to Edumanom Forest Reserve
04 April 2019	Meetings with villagers and forest guards
07 April 2019	Return to Port Harcourt
08 April 2019	Travel to Abuja (Lead Traveller/Second Traveller)
10 April 2019	Return to UK (Lead Traveller/Second Traveller)
26 April 2019	Completion of field report with initial findings for ongoing discussions
<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>
26 April 2019	<b>FINISH</b>

### Q15. In what year would you expect to submit the full Darwin project

## application?

⦿ Round 26

## Section 8 - Certification

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### Q16. Certification

**On behalf of the**

company

**of**

Living Earth Ltd

**I apply for a grant of**

£8,730.00

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

Checked

<b>Name</b>	Neil Maddison
<b>Position in the organisation</b>	Project Director
<b>Signature (please upload e-signature)</b>	 <b><u>Signature - Neil Maddison</u></b>  13/11/2018  14:37:04  jpg 20.29 KB
<b>Date</b>	13 November 2018

## Section 9 - Submission Checklist

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### Checklist for submission

	<b>Check</b>
<b>Have you provided anticipated start and end dates for your Partnership Project trip?</b>	Checked
<b>Has your application been signed by a suitably authorised individual?</b>	Checked
<b>Have you read the <b>Guidance documents</b> for both Main projects and Partnership Project, and are you satisfied that your concept would be eligible for a main project application?</b>	Checked
<b>Have you read the current Terms and Conditions for this fund and can you confirm you are willing to be bound by these if your application is successful?</b>	Checked
<b>Have you uploaded 1 page CVs and letters of support as required?</b>	Checked
<b>Have you checked the Darwin website immediately prior to submission to ensure there are no late updates?</b>	Checked
<b>Have you read and understood the Privacy Notice on GOV.UK?</b>	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 main traveller/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 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).