
DIR27S2\1030

Sanctuaries for threatened species and communities in Northeast Luzon, Philippines

The Northern Sierra Madre in Northeast Luzon holds the last great forest of the Philippines and important wetland areas but these, and their species, are threatened by agricultural conversion and unsustainable hunting and fishing. This project will engage communities in the management of local sanctuaries for threatened species. The project also promotes a nature-based solution to habitat degradation and poverty: agroforestry-based livelihoods as an alternative to unsustainable slash-and-burn farming in the sanctuaries.

Section 1 - Contact Details

PRIMARY APPLICANT DETAILS

Title Mr
Name Merlijn
Surname van Weerd
Organisation Mabuwaya Foundation
Website (Work) www.mabuwaya.org
Tel (Work) [REDACTED]
Email (Work) [REDACTED]
Address [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
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CONTACT DETAILS

Title Mrs
Name Marites
Surname Gatan-Balbas
Organisation Mabuwaya Foundation
Tel (Mobile) [REDACTED]
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[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

GMS ORGANISATION

Type	General
Name	Mabuwaya Foundation
Phone (Work)	[REDACTED]
Email (Work)	[REDACTED]
Website (Work)	[REDACTED]
Address	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

Section 2 - Title, Dates & Budget Summary

Q3. Project title:

Sanctuaries for threatened species and communities in Northeast Luzon, Philippines

What was your Stage 1 reference number? e.g. DIR27S1\100123

DIR27S1\1751

Q4. Country(ies)

Which eligible host country(ies) will your project be working in? Where there are more than 4 countries that your project will be working in, please add more boxes using the selection option below.

Country 1	Philippines	Country 2	No Response
Country 3	No Response	Country 4	No Response

Do you require more fields?

No

Q5. Project dates

Start date: 01 July 2021	End date: 30 June 2024	Duration (e.g. 2 years, 3 months): 3 years
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Q6. Budget summary

Year:	2021/22	2022/23	2023/24	2024/25	Total request
Amount:	£25,212.00	£56,759.00	£43,094.00	£14,935.00	£ 140,000.00

Q6a. Do you have matched funding arrangements?

Yes

What matched funding arrangements are proposed?

We have ████ matched funding for the total project from four other secured Grants: the Whitley Fund for Nature, Synchronicity Earth, the Green Livelihood Alliance 2 and Zoos Victoria. These funds match salary costs, overhead costs and several activity costs.

Q6b. Proposed (confirmed and unconfirmed) matched funding as % of total project cost (total cost is the Darwin request plus other funding required to run the project).

Section 3 - Project Summary

Q7. Summary of project

Please provide a brief summary of your project, its aims, and the key activities you plan on undertaking. Please note that if you are successful, this wording may be used by Defra in communications e.g. as a short description of the project on [GOV.UK](https://www.gov.uk).

Please write this summary for a non-technical audience.

The Northern Sierra Madre in Northeast Luzon holds the last great forest of the Philippines and important wetland areas but these, and their species, are threatened by agricultural conversion and unsustainable hunting and fishing. This project will engage communities in the management of local sanctuaries for threatened species. The project also promotes a nature-based solution to habitat degradation and poverty: agroforestry-based livelihoods as an alternative to unsustainable slash-and-burn farming in the sanctuaries.

Section 4 - Darwin Objectives and Conventions

Q8. Objectives for the Darwin Initiative

Please indicate which of the fund objectives (listed on p.8 of the guidance) you will be addressing.

- To address the multiple pressures driving freshwater habitats decline
- To understand and tackle impacts of agriculture practices on biodiversity, livelihoods and climate
- To promote the responsible stewardship of natural assets
- Contributing towards reversing the increase in threats of extinction to the world's flora and fauna

Q9. Biodiversity Conventions, Treaties and Agreements

Q9a. Your project must support the commitments of one or more of the agreements listed below.

Please indicate which agreement(s) will be supported and describe which objectives your project will address.

- Convention on Biological Diversity (CBD)
- Ramsar Convention on Wetlands (Ramsar)
- United Nations Framework Convention on Climate Change (UNFCCC)
- Global Goals for Sustainable Development (SDGs)

Q9b. Biodiversity Conventions

Please detail how your project will contribute to the aims of the agreement(s) your project is targeting. You should refer to Articles or Programmes of Work here.

Our project supports several CBD Aichi Biodiversity Targets. We contribute to target 1 by increasing awareness of the value of biodiversity and steps communities and local governments can take to conserve biodiversity and use it sustainably through our communication campaigns. We contribute to target 2 by integrating biodiversity values in local planning and poverty reduction strategies through our development of sanctuary management plans and agroforestry-based livelihoods. We contribute to target 5 by reducing the rate of loss of natural habitats through our development of sanctuary management plans and enhanced law enforcement. We contribute to target 11 by better protecting critical habitat areas through our establishment of sanctuary management systems. We contribute to target 12 by preventing the extinction and improving the conservation status of the Philippine Crocodile (Critically Endangered), Isabela Oriole (Critically Endangered) and Golden-crowned Flying Fox (Endangered) and a host of other species in the sanctuaries. We contribute to target 14 by safeguarding essential ecosystem services in poor rural communities.

We contribute to Aichi target 17 by collaborating with the Department of Environment and Natural Resources on the implementation of the Philippine NBSAP (2015-2028), specifically by improving the conservation status of threatened species (target 1), protecting forest cover (2), reducing key threats to biodiversity (10), increasing areas with biodiversity-friendly agriculture (11), restoring degraded ecosystems (14) and enhancing biodiversity awareness (18).

Our project will support the Ramsar Convention on Wetlands by enhancing the effective management and protection of Philippine Crocodile sanctuaries. We are working with the DENR to have the Philippine Crocodile sanctuaries proposed as Wetland of International Importance under the Ramsar Convention.

Our project will support Goal 15 of the Sustainable Development Goals by promoting sustainable forest management and halting biodiversity loss and land degradation in the Northern Sierra Madre (more in the specific section about the SDGs)

We contribute to climate change mitigation under the UNFCCC by protecting forest and restoring degraded forest areas, and by promoting nature-based solutions to habitat degradation.

Q9c. Is any liaison proposed with the CBS / ABS / ITPGRFA / CITES / CMS / Ramsar / UNFCCC focal point in the host country?

Yes

If yes, please give details.

Through the Department of Environment and Natural Resources (DENR), we aim to propose the wetlands of San Mariano with the last wild populations of Philippine crocodiles on Luzon as a Ramsar site of international importance. We have had initial contacts about this with the Biodiversity Management Bureau, and with the local DENR office in Naguilian (see support letter).

Q9d. Global Goals for Sustainable Development (SDGs)

Please detail how your project will contribute to the Global Goals for Sustainable Development (SDGs)

We contribute to the following Global Goals for Sustainable Development:

1. Poverty eradication by promoting nature-based livelihoods and an increase of income of the poorest rural communities of Luzon as a result of environmental conservation
6. Clean water and sanitation by promoting wetland conservation and by promoting reforestation of

denuded slopes thereby reducing erosion

13. Climate action by promoting forest conservation, reforestation and agroforestry as an alternative to slash and burn farming and mono-culture cash crops

14. Life below water by promoting Philippine Crocodile conservation and the conservation of wetlands and fish

15. Life on land by promoting forest conservation and the conservation of the Isabela Oriole and Golden-crowned Flying Fox

Section 5 - Lead Organisation Summary

Q10. Lead organisation summary

Has your organisation been awarded a Darwin Initiative or IWT Challenge Fund award before (for the purposes of this question, being a partner does not count)?

No

If no, please provide the below information on the lead organisation.

What year was your organisation established/ incorporated/ registered? 01 January 2003

What is the legal status of your organisation? NGO

How is your organisation currently funded? As a non-profit NGO, all our income comes from grants and donations. We receive long-term support from nearly all zoos in the World that have Philippine crocodiles, which provides a basis for our operation. In addition, we write grant proposals. At this moment, our focus is on strengthening the management of community sanctuaries for threatened species, and creating nature-based solutions to habitat degradation and the loss of ecosystem services as a result of unsustainable land use (also this project). About █████ of our current activities are geared towards this goal, with various contributing grants (see matched funding arrangements).

Describe briefly the aims, activities and achievements of your organisation. Large organisations please note that this should describe your unit or department.

Aims The aims of the Mabuwaya Foundation are to promote and support conservation of biodiversity and sustainable development in Northeast Luzon to help create prosperous, safe communities and a home for endemic species in a healthy environment.

Activities

We identify critical habitat areas for threatened species and important ecosystems for people, advocate their importance, and work with communities, local and national government and academic and other NGO partners to protect these from degradation and unsustainable use. We promote local governance and nature-based livelihoods in these community conserved areas.

Achievements

We “discovered” remnant populations of several endemic species that were thought extinct in Luzon, identified their remaining habitats and generated community and local government support for their conservation in locally-declared sanctuaries. We built the Mabuwaya Foundation from a small research project into the largest local conservation NGO of Northeast Philippines.

Provide details of 3 contracts/projects held by the lead organisation that demonstrate your credibility as an organisation and provide track record relevant to the project proposed.

These contracts/awards should have been held in the last 5 years and be of a similar size to the grant requested in your Darwin application.

Contract/Project 1 Title

Community-based wetland conservation in San Mariano, Isabela, Philippines

Contract Value/Project budget (include currency)

██████████ Philippine Pesos (██████████ GBP at ██████████ PhP/GBP, rate 6 Feb 2021)

Duration (e.g. 2 years 3 months)

1 July 2014 – 30 June 2022 (8 years)

Role of organisation in project

Mabuwaya is the sole proponent / Grant recipient of this project and is responsible for the implementation, financial management and reporting.

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

The aim of this project is to establish and manage freshwater wetland sanctuaries for fish and Philippine crocodile in the municipality of San Mariano, Isabela. Eight crocodile sanctuaries and 13 fish sanctuaries were proclaimed through local ordinances by village councils and the municipal government. A municipal wetland management plan was developed and adopted by the local government. Communication campaigns advocated the use of non-destructive fishing methods and protection of crocodiles. Degraded buffer-zones of sanctuaries will be restored through reforestation with native tree species and agroforestry (matched funding for this project).

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

Synchronicity Earth (UK)

Ms Anna Heath: [REDACTED]

Contract/Project 2 Title

Philippine Crocodile Recovery Program

Contract Value/Project budget (include currency)

[REDACTED] AUD ([REDACTED] GBP at [REDACTED] AUD/GBP, rate 6 Feb 2021)

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

1 July 2016 – 30 June 2024 (8 years)

Role of organisation in project

Mabuwaya is the sole proponent / Grant recipient of this project and is responsible for the implementation, financial management and reporting.

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

Zoos Victoria has been a supporter of the Mabuwaya Foundation since 2003. Melbourne Zoo was the first foreign Zoo to acquire Philippine crocodiles under a loan agreement with the Philippine government, and the condition to support in-situ conservation efforts for the species. The current project supports a Philippine crocodile nest protection and hatchling head-start program, communication and education campaigns and support to the sanctuary guards (matched funding for this project). Still far from being safe, the Philippine crocodile population increased from 20 individuals in 2000 to 45 non-hatchlings in 2019, and all 3 breeding sites are protected as community sanctuaries.

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

Zoos Victoria (Australia)

Mr Chris Banks: [REDACTED]

Contract/Project 3 Title





Green Livelihood Alliance





Contract Value/Project budget (include currency)	██████████ Philippine Pesos (██████████ GBP at ██████████ PhP/GBP, rate 6 Feb 2021)
Duration (e.g. 2 years, 3 months)	1 October 2016 – 30 November 2020 (4 years and 2 months)
Role of organisation in project	Mabuwaya was a sub-contractor of the Non Timber Forest Product-Exchange Program (NTFP-EP), which was the Philippine coordinator of a larger international project funded by the Dutch government through the IUCN-Netherlands Committee. Mabuwaya was proponent, implementor and reporter of its own activities in NE Luzon in this larger project.
Brief summary of the aims, objectives and outcomes of the project	The Green Livelihood Alliance aimed to support indigenous land right claims and support upland communities in the Northern Sierra Madre by promoting nature-based livelihoods as an alternative to unsustainable land use. The project laid the groundwork for an ancestral domain title of the indigenous Agta of Palaui Island, and supported the empowerment of Indigenous Peoples Organisations in Baggao and Palaui. An assessment was made of Non-Timber Forest Product use and training and support to NTFP production and marketing was provided to increase value. A 5-year GLA2 program has been approved and is currently under development (matched funding for this project)
Client/independent reference contact details (Name, e-mail)	NTFP-EP (Philippines) Mrs Ruth Canlas: ██████████ IUCN-NL (Netherlands) Mrs Maartje Hilterman: ██████████

Have you provided the requested signed audited/independently examined accounts? If you select "yes" you will be able to upload these. Note that this is not required from Government Agencies.

Yes

Please attach the requested signed audited/independently examined accounts.

 [MABUWAYA FOUNDATION INC 2019 Audited Financial Statement \(AFS\) in Philippine Peso](#)
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 pdf 4.56 MB

 [MABUWAYA FOUNDATION INC 2018 Audited Financial Statement \(AFS\) in Philippine Peso](#)
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Section 6 - Project Partners

Q11. Project partners

Please list all the partners involved (including the Lead Organisation) and explain their roles and responsibilities in the project. Describe the extent of their involvement at all stages, including project development.

This section should illustrate the capacity of partners to be involved in the project. Please provide Letters of Support for the Lead Organisation and each partner or explain why this has not been included.

N.B: There is a file upload button at the bottom of this page for the upload of a cover letter (if applicable) and all letters of support.

Lead Organisation name: Mabuwaya Foundation Inc.

Website address: www.mabuwaya.org

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

The Mabuwaya Foundation is the sole lead organization and will manage all funds, plan and track progress, coordinate all activities, and communicate and report under this project. Mabuwaya will provide the technical and project support staff; these staff members are already employed. One new staff member (Community Enterprise Development Specialist) will be hired for a limited time for this project.

The Mabuwaya team has a long history of working in the Northern Sierra Madre: the senior staff have been colleagues since 1999. The other team members all have a minimum of 5 years experience working with Mabuwaya, and often have longer professional experience in the project area.

All Philippine team members originate from the project area and represent four ethnic groups. Together the team speaks all local languages of Northeast Luzon, including indigenous Agta languages. This is a great advantage when working in the remote communities that this project is targeting.

The main area of expertise of the Mabuwaya staff is working with local (indigenous) communities and local governments to protect habitats of threatened species as locally conserved areas and to promote nature-based solutions to habitat degradation. Additional expertise will be provided by project partners.

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

Have you provided a cover letter to address your Stage 1 feedback? Yes

Do you have partners involved in the Project?

Yes

1. Partner Name: Municipal Government of Baggao, Cagayan

Website address: <https://baggaonewsportal.info/>

Details (including roles and responsibilities and capacity to engage with the project): The municipal government is our main partner in the implementation of activities in Baggao. The Municipal Environment and Natural Resources Office (MENRO) will detach staff members to support field activities and will participate in the environmental law enforcement training, the sanctuary management workshops, monitoring surveys of Isabela Oriole and flying foxes and in the establishment of agroforestry farms. Reforestation and agroforestry development contributes to the municipal "Billion Tree Planting and Growing" Program to combat erosion and land slides and secure water supplies for lowland farmers. The vegetable garden component contributes to the municipal "Gulayan sa Bahayan" (Home garden) project, which aims to generate more income, self-reliance and healthier nutrition for women in upland communities. Establishing a youth nature group and promoting the inclusion of lessons on biodiversity and environmental conservation will strengthen the municipal's program to raise awareness and engage the youth more in environmental activities. The municipal government will provide permits and linkages to municipal programs and departments and manpower to enable and support the field activities in Baggao. Mabuwaya will coordinate all activities with the municipal government to make sure they enhance and are embedded in municipal programs.

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

2. Partner Name: Municipal Government of San Mariano, Isabela

Website address: <https://provinceofisabela.ph/index.php/municiphttps://www.facebook.com/San-Mariano-Isabela-369953463079206>

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

The municipal government of San Mariano is our main partner in implementing the project activities in this municipality. We will coordinate all activities with the municipal government, who will provide permits and linkages to municipal programs and departments. The Municipal Environment and Natural Resources Office (MENRO) will support agroforestry activities by providing manpower and technical support, and will incorporate the reforestation activities in the municipal Forest Land Use Plans (FLUPs). The protection of Philippine crocodile sanctuaries will be included in the municipal Community Land Use Plans (CLUPs). The promotion of Banana as a source crop of Banana leather, and the capacitation of women groups to produce Banana leather, will be supported by the Municipal Planning and Development Office (MPDO) with whom joint trainings will be organized. The MPDO, through the Department of Trade and Industries (DTI) will also promote the marketing of Banana leather and derived products.

Have you included a Letter of Support from this organisation?

Yes

3. Partner Name:

Department of Environment and Natural Resources (DENR),
Community Environment and Natural Resources Office (CENRO)
Naguilian

Website address:

<https://www.facebook.com/cenronaguilian>

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

DENR CENRO Naguilian has jurisdiction over San Mariano. The CENRO office will support the project by providing staff for joint crocodile monitoring surveys, environmental law enforcement training and capacitation of community sanctuary councils and development of sanctuary management plans. Furthermore, the CENRO office will explore the possibility to deputize the sanctuary guards as Wildlife Enforcement Officers (WEOs) which would provide them an official status under the Department of Environment and Natural Resources. The CENRO also aims to work with Mabuwaya to have the Philippine crocodile sanctuaries declared as Critical Habitat under the national Wildlife Act, which would provide national protection status, and as Ramsar wetland site of international importance, which would provide international recognition of the importance of San Mariano as habitat of the last wild Philippine crocodiles of Luzon and an extra layer of protection to the sanctuaries.

Have you included a Letter of Support from this organisation?

Yes

4. Partner Name: Department of Environment and Natural Resources (DENR),
Community Environment and Natural Resources Office (CENRO)
Alcala

Website address: No website or facebook page

Details (including roles and responsibilities and capacity to engage with the project): DENR CENRO Alcala has jurisdiction over Baggao. The CENRO office will support the project by providing staff for joint Isabela Oriole and Golden-crowned Flying Fox surveys. The CENRO will also support and complement the environmental law enforcement training and capacitation of community sanctuary councils and development of sanctuary management plans, by providing staff time and inputs to these activities. Furthermore, the CENRO office will deputize the sanctuary guards as Wildlife Enforcement Officers (WEOs) which will provide them an official status under the Department of Environment and Natural Resources. Finally, the CENRO office also aims to have the Isabela Oriole and Flying Fox sanctuaries declared as Critical Habitat under the national Wildlife Act, which would provide national protection status.

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

5. Partner Name: Isabela State University (ISU) Cabagan, College of Development
Communication and Arts & Sciences (CDCAS)

Website address: <https://www.facebook.com/ISUdevcomsoc.org/>

Details (including roles and responsibilities and capacity to engage with the project): Isabela State University (ISU) Cabagan, College of Development Communication and Arts & Sciences (CDCAS) has been a long-term partner of the Mabuwaya Foundation in developing communication materials, implementing communication campaigns and pre-and-post testing of communication impacts. For this project, CDCAS staff and students will assist with: production of information materials (calendar, billboards, school lesson materials), design and provision of trainings to elementary and high school school teachers in Baggao and San Mariano on biodiversity and environmental conservation. CDCAS will further design and execute the baseline, mid-term and end-of-project assessments of knowledge, awareness and attitudes towards the focal species and environmental conservation among community members and school children. Mabuwaya will provide the budgets for the production of materials, transport/meals in the field and trainings. Staff and student time, and facilities will be provided by CDCAS.

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

6. Partner Name: Isabela State University Cabagan, College of Forestry and Environmental Management (CFEM)

Website address: https://isucabagan.edu.ph/news_category/cfem/

Details (including roles and responsibilities and capacity to engage with the project): Isabela State University (ISU) Cabagan, College of Development Communication and Arts & Sciences (CDCAS) has been a long-term partner of the Mabuwaya Foundation in developing communication materials, implementing communication campaigns and pre-and-post testing of communication impacts. For this project, CDCAS staff and students will assist with: production of information materials (calendar, billboards, school lesson materials), design and provision of trainings to elementary and high school school teachers in Baggao and San Mariano on biodiversity and environmental conservation. CDCAS will further design and execute the baseline, mid-term and end-of-project assessments of knowledge, awareness and attitudes towards the focal species and environmental conservation among community members and school children. Mabuwaya will provide the budgets for the production of materials, transport/meals in the field and trainings. Staff and student time, and facilities will be provided by CDCAS.

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





If you require more space to enter details regarding Partners involved in the project, please use the text field below.





Other partners:

National Commission on Indigenous People (NCIP) Region 2: Mabuwaya has a MOA with NCIP. Mabuwaya and NCIP will specifically collaborate in developing management and protection plans for the Agta ancestral domain in Baggao, which overlaps with the Isabela Oriole and Flying Fox sanctuaries. Also, NCIP will provide manpower and technical assistance in promoting nature-based livelihoods of indigenous communities. Support letter included

Tanggol Kalikasan (TK): TK will provide environmental lawyers as resource persons for environmental law enforcement training and the development of sanctuary management plans. Support letter included

Please provide a cover letter responding to feedback received at Stage 1 if applicable and a combined PDF of all letters of support.

 [Cover letter MvanWeerd Mabuwaya Darwin 2021 stage2](#)
 09/02/2021
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 [Support letters Mabuwaya Dir27S1 1751](#)
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Section 7 - Project Staff

Q12. Project staff

Please identify the core staff on this project, their role and what % of their time they will be working on the project. Further information on who should be classified as core staff can be found in the guidance.

Please provide 1 page CVs for these staff, or a 1 page job description or Terms of Reference for roles yet to be filled. These should match the names and roles in the budget spreadsheet.

If your team is larger than 12 people please review if they are core staff, or whether you can merge roles (e.g. 'admin and finance support') below, but provide a full table based on this template in the pdf of CVs you provide.

Name (First name, Surname)	Role	% time on project	1 page CV or job description attached?
Marites Gatan-Balbas	Project Leader	75	Checked
Merlijn van Weerd	Conservation Specialist	75	Checked
Bernard Tarun	Biodiversity and Agroforestry Specialist	75	Checked
Jovilyn Mamauag	Communication Specialist	100	Checked


Do you require more fields?


Yes


Name (First name, Surname)	Role	% time on project	1 page CV or job description attached?
Mario Pedrablanca	Community Organizer	100	Checked
Amante Yog-Yog	Field Assistant	50	Checked
Arnold Macadangdang	Field Assistant / Driver	75	Checked
Dorina Ferrer	Financial Manager	75	Checked
Delia Cataggatan	Book keeper	75	Checked
To be hired	Community Enterprise Development Specialist	100	Checked
<i>No Response</i>	<i>No Response</i>	0	Unchecked
<i>No Response</i>	<i>No Response</i>	0	Unchecked

Please provide 1 page CVs (or job description if yet to be recruited) for the project staff listed above as a combined PDF.

Ensure the file is named clearly, consistent with the named individual and role above.

 [CVs Mabuwaya Darwin](#)

 09/02/2021

 22:08:31

 pdf 272.23 KB

Have you attached all project staff CVs?

Yes

Section 8 - Problem statement

Q13. Problem the project is trying to address

Please describe the problem your project is trying to address in terms of biodiversity and its relationship with poverty. For example, what are the drivers of loss of biodiversity that the project will attempt to address? Why are they relevant, for whom? How did you identify these problems?

Please cite the evidence you are using to support your assessment of the problem (references can be listed in your additional attached PDF document which can be uploaded at the bottom of the next page).

The Philippines is a biodiversity conservation hotspot, combining high numbers of endemic species with extreme natural habitat loss (Myers et al. 2000). Large-scale logging led to a decline of forest cover to only 20 % of land area (ESSC 1999). Most natural wetlands are threatened by conversion into ricefields, pollution and overexploitation (DENR and UNEP 1997). There now is a ban on logging in natural forests but agricultural conversion continues to drive deforestation (Suarez and Sajise 2010).

The Northern Sierra Madre (NSM) Mountain Range (350 km long, 25 – 50 km wide, up to 1850 m high) runs along the eastern seaboard of northern Luzon. This rugged mountain area harbours the majority of ecosystems and species found in Luzon (Mallari and Jensen 1993) and maintains the largest contiguous forest cover of the country (Tan 2000). A large number of threatened species depend on effective conservation of NSM ecosystems for survival on Luzon (Van Weerd and Udo de Haes 2010). The NSM is also home to the last 10,000 traditionally living Indigenous Agta, the first inhabitants of the Philippines (Minter et al. 2014). An estimated 100,000 farmers live in forest fringe communities. Four million people live in the adjacent Cagayan Valley and depend on the NSM for the provision of water and protection against flash floods caused by frequent typhoons.

The entire NSM is identified as Key Biodiversity Area (7 connected areas) but only a portion is nationally protected (Ambal et al. 2012). Even outside protected areas, wildlife, forest and wetlands are protected under national laws, but environmental law enforcement is weak (van der Ploeg et al. 2011). Slash-and-burn farming (Kaingin) by forest fringe farmers without official land titles is the main driver of deforestation in the NSM (Verburg et al. 2006), while unregulated hunting and fishing further threaten species populations.

The Mabuwaya Foundation has worked with communities and municipal governments in the NSM to identify and protect critical areas for biodiversity conservation outside existing nationally protected areas. This has led to the declaration of 8 sanctuaries for the Philippine Crocodile *Crocodylus mindorensis* (CR)

and their freshwater wetland habitat in San Mariano, 1 sanctuary for Isabela Oriole *Oriolus isabellae* (CR) and 1 sanctuary for Golden-crowned Flying Fox *Acerodon jubatus* (EN) and their lowland forest habitats in Baggao. Populations of these species are extremely low, the most recent counts are: 45 non-hatchling Philippine crocodiles in 2019 in San Mariano; 14 Isabela Orioles in 2020 in Baggao and 3,500 Golden-crowned Flying Foxes in 2015 in Baggao.

The integrity of the sanctuaries is threatened by habitat degradation, and here too, a lack of law enforcement is hindering protection. There is a need to enhance community support for biodiversity conservation and strengthen capacities of communities in the monitoring, management and protection of these sanctuaries. Developing agroforestry-based livelihoods in sanctuaries will promote more sustainable agriculture, increase local income from conservation and enhance support for sanctuary protection. Our goal is to have thriving endemic species in sanctuaries that are managed by thriving communities.

Section 9 - Method, Change Expected, Gender & Exit Strategy

Q14. Methodology

Describe the methods and approach you will use to achieve your intended Outcome and Impact. Provide information on:

- How you have analysed historical and existing initiatives and are building on or taking work already done into account in project design. Please cite evidence where appropriate.
- The rationale for carrying out this work and a justification of your proposed methodology.
- How you will undertake the work (materials and methods).
- How you will manage the work (roles and responsibilities, project management tools, etc.).

Several large conservation projects have been implemented in the NSM. These projects focussed on large areas and were relatively short term (5 years). We have seen little lasting impact by these projects, despite their multi-million dollar budgets. In contrast, we have seen encouraging results by smaller-scale long-term NGO programs in the Philippines, with a focus on flagship species in critical habitats, and long-term engagement with communities.

We want to continue to effectively engage 8 communities in the management of sanctuaries for threatened species in the municipalities of Baggao (1 Isabela Oriole sanctuary and 1 Flying Fox sanctuary) and San Mariano (8 Philippine Crocodile sanctuaries). The eight communities together have 338 households, including 64 indigenous Agta households, and a total population of about 1750 individuals. The communities are part of barangays (political units) with a total population of about 3,000 individuals. The schools in these barangays have about 3,000 pupils, also from peripheral areas. The towns of Baggao and San Mariano each have a total population of about 82,000 and 55,000.

1. Awareness raising campaigns

Passive (an annual calendar and billboards), active (school lessons) and interactive (meetings, conservation events) methods will be used to raise awareness of the importance of environmental conservation and stimulate pride in having rare endemic species in San Mariano and Baggao. Students of Isabela State University (ISU) will be engaged in these activities, assisted by ISU experts and Mabuwaya staff. We will train 30 school teachers of 8 elementary and 2 high schools in the project area in providing lessons on biodiversity and conservation. The schools will be provided with flipcharts with information that can be used during lessons. We will capacitate and support 2 youth nature groups in Baggao and San Mariano. These groups are based at the high schools and will be involved in nature trekking, bird watching, waste clean up drives and reforestation events. During Fiestas in the barangays and towns, the youth nature groups will organize conservation events such as parades and environmental games. Community meetings will be held at start, mid-term and end of project to discuss progress and possible adaptations. Awareness

and attitude surveys will be held at start, mid-term and end of project to quantify the impact of the awareness raising campaigns.

2. Community-based biodiversity and land-use change monitoring and environmental law enforcement
Twenty four community members (12 San Mariano and 12 in Baggao) will be trained in monitoring focal species populations, threats and land-use change. Community members will be trained in environmental law enforcement by lawyers of Tanggol Kalikasan. Trained community members will be formally deputized as sanctuary guards by the municipal government or as Wildlife Enforcement Officers by the Department of Environment and Natural Resources (DENR). A monitoring and patrol system will be established in collaboration with the Municipal Environment and Natural Resources Office (MENRO) and the DENR. The sanctuary guards will be provided with uniforms and basic equipment such as flashlights and rainboots. The monitoring surveys will yield data on the focal species populations, land use and forest cover in sanctuaries and on threats.

3. Improved management of sanctuaries

Sanctuary management councils will be established consisting of sanctuary guards, local leaders and MENRO and DENR representatives. A sanctuary management plan will be made for each sanctuary by the councils, with technical assistance from Mabuwaya, DENR, MENRO and Tanggol Kalikasan during workshops in Baggao and San Mariano. The sanctuary management councils will implement the management plan and act on reports by the sanctuary guards of illegal activities in sanctuaries. Sanctuary councils will include indigenous people and women. The project will assist the sanctuary councils with on-the-job training and will help in organizing meetings and evaluate responses to threats and management decisions.

4. Agroforestry-based livelihoods

To stop the spread of slash-and-burn farming and to reforest denuded areas in sanctuaries, agroforestry will be promoted as an alternative to corn, sugarcane and cassava monocultures. In Baggao (Isabela Oriole and Flying Fox sanctuary), the project will connect the existing municipal program on reforestation to the restoration of 50 ha degraded areas in the two target sanctuaries. In San Mariano (Philippine Crocodile sanctuaries), the project will reforest 30 ha degraded buffer zones of wetland sanctuaries, contributing to erosion control, cleaner water and increase of prey species and nesting habitat for crocodiles. The agroforestry project will be included in a municipal program to promote the production of banana-fiber leather from banana stocks. A homegarden program will empower women to cultivate vegetables for household consumption or sale.

Q15. Raising awareness of the potential worth of biodiversity

If your project contains an element of communications, knowledge sharing and/or dissemination please provide a description of your intended audience, how you intend to engage them, what the expected products/materials will be and what you expect to achieve as a result.

For example, are you expecting to directly influence policy in your host country or is your project a community advocacy project to support better management of biodiversity?

Our awareness raising strategy is aimed at reaching all people in focal communities including all school children. Part of a multi-year Communication, Education and Public Awareness (CEPA) campaign, this project will specifically produce:

1) an annual calendar (years 1,2 and 3) which will be distributed to all households. Our impact studies (Cureg et al. 2016; Van der Ploeg et al. 2011b) show that calendars are a low-cost effective way to bring a message to peoples homes as people will place an attractive and useful calendar on a prominent location in the house, and look at it often. The message will be different every year, and relate to the focal species

and sanctuaries, and to sound environmental practices.

2) Billboards that will demarcate the entry points of sanctuaries. The durable billboards will provide information about the goal of the sanctuary, the boundaries and the rules and regulations to make sure community members and visitors are aware and reminded of the protected status and rules in the sanctuaries.

3) School lesson materials that can be used by teachers who will be trained for this purpose in elementary and high schools in the project area. The materials will consist of durable poster size flipcharts with information about the focal species, biodiversity in general and the importance of environmental conservation.

Also, regular community meetings will be held, and youth nature groups will be supported to spread environmental messages during village and town fiestas.

The strategy has the aim to raise awareness and build pride among as many people as possible about the focal species. They are also meant to promote a change in attitudes, especially concerning hunting and slash-and-burn farming, in combination with the enhancement of environmental law enforcement and the assisted change in livelihoods towards tree-based agriculture.

Q16. Capacity building

If your project will support capacity building at institutional or individual levels, please provide details of what form this will take and how this capacity will be secured for the future.

The project aims to provide the following trainings and capacity building:

Teachers training on incorporating the importance of environmental conservation in lessons in 8 elementary and 2 high schools in Baggao and San Mariano: 30 science teachers will be trained and capacitated to include information about the focal species and the importance of conservation in their lessons and they will be provided with durable flipcharts with information they can use in the lessons. The teachers will further be assisted with developing a lesson plan. The aim is to make sure all school children in the project area will be reached and that teachers will continue to use the knowledge and materials beyond project end.

Environmental law enforcement training for 24 sanctuary guards and 30 local sanctuary managers: community members will be trained in environmental law enforcement by environmental lawyers of Tanggol Kalikasan. The training will include both classroom lectures (in Filipino) and role play practice in the field. The aim is to have properly trained community members who know the laws, and know what to do if they see infringements during patrols, or know how to respond to reports of illegal activities to the sanctuary management councils.

Biodiversity monitoring and patrolling training for 24 sanctuary guards. On-the-ground training will be provided to sanctuary guards by Mabuwaya staff, in collaboration with DENR and MENRO. The aim is that the sanctuary guards will eventually be able to conduct patrols and monitoring surveys by themselves, and report population trends, observed threats and illegal activities to the sanctuary management councils and the local government / local DENR.

Agroforestry training: training will be provided in seedling care and maintenance to participants in the agroforestry programs in Baggao and San Mariano to make sure farmers are well capacitated to take care of seedlings and reduce mortality.

Q17. Gender equality

All applicants must consider whether and how their project will contribute to reducing inequality between persons of different gender. Explain how your project will collect sex disaggregated data and what impact your project will have in promoting gender equality.

We will specifically aim to include women as sanctuary guards and in sanctuary management councils, and in environmental law enforcement training.

The youth nature groups that we are establishing will include both girls and boys, and we will try to lobby for equal numbers of both sexes.

During community planning and monitoring & evaluation meetings we will specifically ask our partners for equal participation of women and men.

The agroforestry component will include a vegetable home garden program (men/women) to lessen dependence on income from men-dominated mono-culture farming, and lessen dependence on cash to buy nutritious food. The vegetables harvested are also expected to provide a more nutritious diet. The Banana fiber project in San Mariano has a component where women groups are trained and involved in the production of products of banana fiber products, further increasing incomes and independence from the income of mono-culture farmer men.

Q18. Change expected

Detail the expected changes this work will deliver. You should identify what will change and who will benefit a) in the short-term (i.e. during the life of the project) and b) in the long-term (after the project has ended).

Please describe the changes for biodiversity and for people in developing countries, and how they are linked. When talking about people, please remember to give details of who will benefit and the number of beneficiaries expected. The number of communities is insufficient detail – number of households should be the largest unit used. If possible, indicate the number of women who will be impacted.

The project aims to achieve change by:

Raise awareness of the importance of natural ecosystem and biodiversity conservation for both people and wildlife among 8 target communities (short term), leading to enhanced and sustained support for biodiversity conservation and a reduction of biodiversity-unfriendly behaviour such as unsustainable hunting and fishing and slash-and-burn farming of monoculture crops (long term).

Increase the engagement of 8 local communities in the management of locally established sanctuaries for Philippine Crocodile, Isabela Oriole and Golden-crowned Flying Fox, their habitat and other associated species (short term), leading to increased protection of natural habitats and threatened species, with reduced loss or recovery of natural habitats and stable and increasing wildlife populations in the sanctuaries (long term).

Restore degraded forest and riparian habitats now used for monoculture agriculture through agroforestry development with 338 households (short term) leading to less erosion, protection against flash-floods, cleaner water, more harvestable forest and agroforestry products, climate change mitigation and a generally healthier living environment (long term).

Increase the income of at least 200 households by developing agroforestry-based livelihood activities in sanctuaries (short term) leading to sustained benefits from sanctuary protection (long term).

Q19. Pathway to change

Please outline your project's expected pathway to change. This should be an overview of the overall project logic and outline how you expect your Outputs to contribute towards your overall Outcome and, longer term, your expected Impact.

Communication campaigns in 8 target communities will increase awareness regarding the importance of and support for the conservation of forest, wetlands and wildlife in locally declared Philippine Crocodile, Isabela Oriole and Golden-crowned Flying Fox sanctuaries. Capacitating community members as sanctuary guards and involving community members in monitoring species, land-use change and threats to species and ecosystems will further increase awareness. Bringing environmental law enforcement to the community level will increase awareness regarding environmental laws and will enhance the acceptance of these laws and implementation on the ground. By capacitating community members as sanctuary managers, we hope to achieve a high level of ownership over the sanctuaries, local adherence to rules and regulations and action if rules are not followed. Reforesting degraded forest and riparian habitats in sanctuaries through agroforestry development will restore important ecosystem functions and will provide income-generating alternatives to unsustainable slash-and-burn monoculture farming. By connecting agroforestry development to existing municipal reforestation and livelihood development projects, we are embedding our project in long-term municipal development plans. If a majority of community members are convinced that ecosystem and biodiversity conservation is needed and beneficial, critical habitats and associated species in the NSM can be sustainably conserved.

Q20. Exit Strategy

State how the project will reach a stable and sustainable end point, and explain how the outcomes will be sustained, either through a continuation of activities, funding and support from other sources or because the activities will be mainstreamed in to "business as usual".

Where individuals receive advanced training, for example, what will happen should that individual leave?

Although we believe that activities by the Mabuwaya Foundation are probably going to be necessary for quite some time to sustain conservation efforts for our focal species, and for a recovery of the very small populations to more viable and self-sustaining levels, as well as a shift to more sustainable land use and a reduction of poverty in upland communities in the Sierra Madre, there are several mechanisms that we see as important for sustainability:





The inclusion of the sanctuaries and agroforestry activities in the Community Land Use Plans (CLUPs) and Forest Land Use Plans (FLUPs) by the municipal governments of Baggao and San Mariano will ensure attention and budget for support to sanctuary management councils, guards and agroforestry farmers in the future.

The participation of community members, MENRO and DENR staff in patrolling and biodiversity and threat monitoring surveys in the sanctuaries increases ownership and responsibility for the sanctuaries and reporting at village, local government and DENR level.

The investments in teacher trainings, lesson materials and youth nature groups will have lasting and increasing impacts on knowledge and awareness levels regarding the importance of environmental

conservation of many people.

If necessary, please provide supporting documentation e.g. maps, diagrams, references etc., as a PDF using the File Upload below:

-
-  [Supporting documentation Darwin proposal M abuwaya](#)
 -  09/02/2021
 -  23:32:47
 -  pdf 520.14 KB

Section 10 - Budget and Funding

Q21. Budget





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

- [Budget form for projects under £100,000](#)
- [Budget form for projects over £100,000](#)

Please refer to the Finance for Darwin/IWT Guidance for more information.

N.B.: Please state all costs by financial year (1 April to 31 March) and in GBP. The Darwin Initiative cannot agree any increase in grants once awarded.

Please upload your completed Darwin Budget Form Excel spreadsheet using the field below.

-
-  [Mabuwaya Budget over 100kGBP Darwin](#)
 -  09/02/2021
 -  22:15:21
 -  xlsx 66.59 KB

Q22. Funding

Q22a. Is this a new initiative or a development of existing work (funded through any source)?

- Development of existing work

Please provide details:

This project is an extension in scale and scope of a long-term program to work with local communities and local governments to protect critical habitat areas for endemic species in community sanctuaries that started in 2003. The critical habitat areas have been identified, populations of focal species have been determined, threats have been qualified and sanctuaries proclaimed, during earlier projects. A successful model for community engagement in conservation has been tested in San Mariano for the Philippine

crocodile. The here proposed project builds on the lessons we have learned, and expands it to sanctuaries for Isabela Oriole and Golden-crowned Flying Fox in Baggao. In San Mariano too, enhanced law enforcement and local management is expected to improve the outlook for Philippine crocodile. New is the inclusion of nature-based solutions for habitat degradation and poverty reduction. The Darwin project would increase the scale with which we can implement the program considerably, and add new elements such as the youth nature groups, and agroforestry development, while we can offer matched funding of 47% from four other grants to arrive at a much larger holistic approach to conservation and sustainable development in the Sierra Madre.

Q22b. Are you aware of any other individuals/organisations/projects carrying out or applying for funding for similar work?

No

Q23. Co-financing

Are you proposing co-financing?

Yes

Q23a. Secured

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

Donor Organisation	Amount	Currency code	Comments
Whitley Fund for Nature	██████	GBP	2021 - 2022
Synchronicity Earth	██████	GBP	2021 - 2022
Zoos Victoria	██████	GBP	2022 - 2024
Green Livelihood Alliance 2	██████	GBP	2022 - 2024

Q23b. Unsecured

Provide details of any co-financing where an application has been submitted, or that you intend applying for during the course of the project. This could include co-financing from the private sector, charitable organisations or other public sector schemes. This should also include any additional funds required where a donor has not yet been identified.

Date applied for	Donor Organisation	Amount	Currency Code	Comments
No Response	No Response	0	No Response	No Response

No Response	No Response	0	No Response	No Response
No Response	No Response	0	No Response	No Response
No Response	No Response	0	No Response	No Response

Do you require more fields?

No

Section 11 - Open Access and Financial Risk Management

Q24. Outputs of the project and Open Access

Please describe the project's open access plan and detail any specific funds you are seeking from Darwin to fund this.

We will share project updates and outputs through reports and on our facebook page. Reports and newsletters are shared with project partners and donors. We have a library in our office that is open for visitors. We usually present our work during the annual Biodiversity Conservation Society of the Philippines symposium, and sometimes also at international conservation meetings or conferences (for example the IUCN SSC/Crocodile Specialist Group meeting or the IUCN World Conservation Congress). We regularly publish articles in professional or scientific journals. We don't require specific funds from Darwin to fund this.

Q25. Financial Risk Management

This question considers the financial risks to the project. Explain how you have considered the risks and threats that may be relevant to the successful financial delivery of this project. This includes risks such as fraud or bribery, but may also include the risk of fluctuating foreign exchange and internal financial processes such as storage of financial data.

All finances and projects of Mabuwaya are subject to our Finance and Admin manual, and code of conduct. Financial transactions, cash advance requests and liquidations are checked by at least two project staff (usually the Financial Manager and the COO). We have an annual external audit of our accounts. The financial audit and foundations finances are further checked annually by the Chair of the Board of Trustees (BoT) and the Treasurer of the BoT. Financial accounting data is stored on the computers of the finance staff in our office, with copies on external hard disks kept outside the office and on dropbox. We have used an exchange rate of 64 Pesos/GBP to calculate costs in GBP (current rate 65.6; rate 2020: 63.7; 2019: 66.1), if the rate will fluctuate strongly, we will recalculate the budget and ask the Darwin Initiative for advice on what to exclude or add. We have estimated and calculated costs to the best of our knowledge. Some costs can reliably be calculated but other costs are more difficult to predict, field work costs can be strongly influenced by weather for example. We have used average costs of past similar activities for those estimations.

Q26. Capital items

If you plan to purchase capital items with Darwin funding, please indicate what you anticipate will happen to the items following project end. If you are requesting more than 10% capital costs, please provide your justification here.

We have proposed to purchase 2 laptops for project staff, a LCD projector with screen for presentations, a drone to monitor forest cover and land use change, four binoculars for project staff and 2 telescopes with tripod for the Municipal Environment and Natural Resources Offices in Baggao and San Mariano. The laptops, projector, drone and binoculars are to replace existing old equipment that is not working properly anymore. The telescopes are meant to capacitate our municipal partners. We have an equipment tracking and maintenance protocol that is used to make sure equipment is properly cleaned and stored after field use. Our computers are regularly checked and maintained and usually last more than 5 years. This will ensure that equipment purchased during this project will be used by Mabuwaya after project end. The telescopes will be turned over to MENRO with a training on use and maintenance.

Q27. Value for Money

Please describe why you consider your application to be good value for money including justification of why the measures you will adopt will secure value for money.

Our proposed project is a significant extension of a long-term ongoing program to save some of the rarest species on the planet from extinction by safeguarding their habitat in community-managed sanctuaries. With a relatively small financial contribution, this project can contribute to the survival of three endemic species that could very well go extinct on Luzon, or globally, within 10 years without interventions. The project furthermore contributes to the restoration of 80 hectares of degraded habitats through agroforestry and reforestation. The income of 338 families is expected to increase as a result of the cultivation of higher value crops. The position of women in these 338 households, food security and the availability of healthier food is likewise expected to improve. The project will reach thousands of people through communication campaigns at schools, community meetings, household distribution of calendars and conservation events by youth nature groups during village fiestas, raising awareness about biodiversity and the importance of environmental conservation. Impact is high, but costs for this project are low as all staff earn local salaries, and many of the more technical inputs are delivered by partners for free or a low fee (Isabela State University and Tanggol Kalikasan).

Section 12 - Ethics and Safeguarding

Q28. Ethics

Outline your approach to meeting Darwin's key principles for ethics as outlined in the guidance note. Additionally, are there any human rights and/or international humanitarian law risks in relation to your project? If there are, have you carried out an assessment of the impact of those risks, and of measures that may be taken in order to mitigate them?

Mabuwaya has a code of conduct and a safeguarding policy that need to be read and signed by each staff member. Mabuwaya follows all laws and protocols in the Philippines; that includes all national laws, the labour code, the provisions and duties by the Security and Exchange Commission and municipal ordinances. Mabuwaya follows a protocol in working in rural municipalities: no field activities are undertaken without coordination with and specific permission from the municipal Mayor and council. Equally, permission is sought from the village council and head (Barangay council and Captain) for any field

activities in each village. We follow this protocol for every field trip.

Proposed project activities are discussed with communities during community meetings, where possible jointly organized with the Barangay council. No activities will be included in proposals, or will be executed, that do not meet the approval of a majority of community residents or the Barangay council.

When working with indigenous communities, Mabuwaya will request the National Commission on Indigenous People (NCIP; with which we have a MOA) to organize Free and Prior Informed Consent meetings.

We will not abuse or publish any sensitive or valuable information without permission by the owners. We value local knowledge and traditional practices, and will gladly use it if appropriate.

Q29. Corruption

This question specifically considers corruption. Explain how you have considered any risk of corruption that may affect the success of this project, and how you plan to manage this. This may include financial corruption, but may also deal with gifts or inducements, or other types of dishonesty or deceit.

Mabuwaya has a code of conduct that every staff member has to read and sign that specifically has provisions about the disclosure of conflicts of interests (for example if family members have businesses that could provide services to Mabuwaya), and about the avoidance of possible corruption and payments in money or kind to staff members in return for services or business patronage. Mabuwaya does not pay salary costs or per diems to government officials for joint activities, and all expenses for joint activities with others (and for Mabuwaya activities too) need to be justified and backed-up by receipts. Cash advances to staff have to be liquidated using official receipts, or in the case where official receipts are not available with a signed acknowledgement receipt that includes the name of the recipient, for possible checking. For contracts and purchases of capital items above 5,000 PhP (80 GBP), 3 canvasses are required to compare prices, if possible. The code of conduct has a confidentiality clause, and includes the duty for each staff member to report irregularities to the project management, or to the board.

Q30. Safeguarding

Projects funded through the Darwin Initiative must fully protect vulnerable people all of the time, wherever they work. In order to provide assurance of this, projects are required to have appropriate safeguarding policies in place. Please confirm the lead organisation has the following policies in place and that these can be available on request:





We have a safeguarding policy, which includes a statement of our commitment to safeguarding and a zero tolerance statement on bullying, harassment and sexual exploitation and abuse	Checked
We have attached a copy of our safeguarding policy to this application (file upload below)	Checked
We keep a detailed register of safeguarding issues raised and how they were dealt with	Checked
We have clear investigation and disciplinary procedures to use when allegations and complaints are made, and have clear processes in place for when a disclosure is made	Checked

We share our safeguarding policy with downstream partners	Checked
We have a whistle-blowing policy which protects whistle blowers from reprisals and includes clear processes for dealing with concerns raised	Checked
We have a Code of Conduct for staff and volunteers that sets out clear expectations of behaviours - inside and outside the work place - and make clear what will happen in the event of non-compliance or breach of these standards	Checked

Please outline how you will implement your policies in practice and ensure that downstream partners apply the same standards as the lead organisation.

During the community meetings at the start of the project, we will explain and distribute our safeguarding policy, and answer any questions from community members. We will also distribute and explain the safeguarding policy to our project partners. We will specifically revisit the safeguarding policy in mid-term evaluation meetings, and more regularly during team meetings with the Mabuwaya team, and solve any issues there might be or adapt the policy to reflect new insights.

Please upload the lead organisation's Safeguarding Policy as a PDF

-  [Mabuwaya Safeguarding Policy](#)
-  09/02/2021
-  22:23:18
-  pdf 154.1 KB

Section 13 - Logical Framework





Q31. Logical Framework

Darwin Initiative projects will be required to monitor (and report against) their progress towards their expected Outputs and Outcome. This section sets out the expected Outputs and Outcome of your project, how you expect to measure progress against these and how we can verify this.

- [Stage 2 Logframe Template](#)

Please complete your full logframe in the separate Word template and upload as a PDF using the file upload below. Copy your Impact, Outcome and Output statements and your activities below - these should be the same as in your uploaded logframe.

Please upload your logframe as a PDF document.

-  [Mabuwaya R27 Darwin St2 Logical Framework](#)
-  09/02/2021
-  22:51:43
-  pdf 98.11 KB

Impact:

Conservation of critical habitats of endemic threatened species and promotion of ecosystem services and

nature-based livelihoods benefitting both people and wildlife in northern Luzon, Philippines

Outcome:

Protection of 10 local sanctuaries with growing populations of Philippine Crocodile, Isabela Oriole and Golden-crowned Flying Fox by 8 well-capacitated supportive communities that are benefitting from healthy ecosystems and nature-based

Project Outputs

Output 1:

Increased knowledge, awareness and appreciation of the importance of environmental conservation and environmental laws in 8 focal communities

Output 2:

Eight participatory biodiversity & land use change monitoring and environmental law enforcement teams are monitoring focal species and enforcing environmental laws in 10 sanctuaries, reducing threats to focal species and their habitat and yielding data on species' populations and tree cover.

Output 3:

10 community sanctuary management councils are taking decisions about interventions in response to sanctuary guard patrol reports, and about law enforcement, reforestation of denuded areas and land use appropriations

Output 4:

Agroforestry-based livelihoods contributing to local incomes and support for sanctuaries

Output 5:

No Response

Do you require more Output fields?

It is advised to have less than 6 Outputs since this level of detail can be provided at the Activity level.

No

Activities

Each activity is numbered according to the Output that it will contribute towards, for example, 1.1, 1.2, 1.3 are contributing to Output 1.

Activity 1.1 Production and distribution of 3,000 copies of an annual calendar with information about the focal species and the importance of conservation and ecosystem services in San Mariano and Baggao in year 1, 2 and 3.

Activity 1.2 Production and establishment of 30 weather-proof billboards on stands with information about the sanctuaries and focal species at entrance points of 10 sanctuaries in San Mariano and Baggao in year 2

Activity 1.3 Annual community meetings in year 1, 2 and 3 in 8 focal communities to discuss project progress and potential issues (3 x 8 = 24 meetings)

Activity 1.4: Two teachers trainings in San Mariano and Baggao each for 30 teachers, and provision of school materials on biodiversity conservation, ecosystem services and the focal species to 10 schools in year 2

Activity 1.5 Training and support to 2 youth nature groups consisting of high school students in San Mariano and Baggao in year 1-3

Activity 1.6 Presence at annual town and village fiestas in Baggao and San Mariano (3 x 2 = 6 town fiestas, and 3 x 8 = 24 village fiestas) with puppet shows, mascots, stands, school competitions, face painting, quizzes by Mabuwaya staff and the youth nature groups in year 1-3

Activity 1.7 Knowledge, awareness and attitude surveys in year 1,2 and 4.

Activity 2.1 One environmental law enforcement training for 24 sanctuary guards and 30 sanctuary management council members in year 1

Activity 2.2 Provision of sanctuary guard equipment and uniforms (flashlights, boots, raincoats, trousers, shirts and bag for 24 sanctuary guards and 1 smartphone with monitoring software and camera and binoculars for each sanctuary) in year 2

Activity 2.3 Biodiversity / land use & forest cover change / threat monitoring and on the ground training of sanctuary guards during quarterly monitoring surveys in year 2 -3

Activity 3.1 Establishment of sanctuary councils and sanctuary management workshops to develop sanctuary management plans for 10 sanctuaries in year 2

Activity 3.2 On the job training in sanctuary management and adjustment of sanctuary management plans in year 2-3

Activity 4.1 Development of specific agroforestry development plans for 8 communities in year 1: species suitability studies and market and value chain studies

Activity 4.2 Agroforestry training and product development / marketing for 8 communities in year 2

Activity 4.3 Establishment of 4 communal nurseries and seed production farms in year 2

Activity 4.4 Establishment of 80 ha of agroforestry farms and 338 vegetable home gardens in year 2 -3

Activity 4.5 Support to production and marketing of agroforestry products in year 2 -3

Activity 4.6 Household surveys of income, vegetable harvesting and agroforestry production in year 1, 2 and 4

Section 14 - Implementation Timetable

Q32. Provide a project implementation timetable that shows the key milestones in project activities

Provide a project implementation timetable that shows the key milestones in project activities. Complete the Excel spreadsheet template as appropriate to describe the intended workplan for your

project.

Implementation Timetable Template

Please add/remove columns to reflect the length of your project. For each activity (add/remove rows as appropriate) indicate the number of months it will last, and fill/shade only the quarters in which an activity will be carried out. The workplan can span multiple pages if necessary.

📎 R27 Darwin St2 Implementation Timetable M
abuwaya
📅 09/02/2021
🕒 23:08:33
📄 xlsx 13.27 KB

Section 15 - Monitoring and Evaluation

Q33. Monitoring and evaluation (M&E)

Describe, referring to the Indicators above, how the progress of the project will be monitored and evaluated, making reference to who is responsible for the project's M&E.

Darwin Initiative projects are expected to be adaptive and you should detail how the monitoring and evaluation will feed into the delivery of the project including its management. M&E is expected to be built into the project and not an 'add' on. It is as important to measure for negative impacts as it is for positive impact. Additionally, please indicate an approximate budget and level of effort (person days) to be spent on M&E (see Finance Guidance for Darwin/IWT).

We will organize community meetings and meetings with project partners at the start of the project, mid-term and end of the project to evaluate indicators and adjust planning and approach.

We will gather indicators on knowledge, awareness and attitudes in year 1, end of year 2 and 4 (surveys by Isabela State University faculty and students)

We will gather indicators on household incomes, the production of vegetables and agroforestry products in year 1, end of year 2 and 4 (surveys by Isabela State University faculty and students)

We will gather indicators on species populations, threats, land use and forest cover in sanctuaries through participatory biodiversity monitoring and patrolling surveys every quarter. These surveys will be conducted by the sanctuary guards, MENRO staff, DENR staff and Mabuwaya staff, and will include the use of a drone to monitor changes in land use and forest cover.

The budget shown hereunder only includes the costs of the surveys, not the staff time (salaries)

Total project budget for M&E in GBP (this may include Staff, Travel and Subsistence costs)

£ ██████████

Number of days planned for M&E

60

Percentage of total project budget set aside for M&E (%)



Section 16 - FCDO Notifications

Q34. FCDO Notifications

Please state whether there are sensitivities that the Foreign Commonwealth and Development Office will need to be aware of should they want to publicise the project's success in the Darwin competition in the host country.

No

Please indicate whether you have contacted your Foreign Ministry or the local embassy or High Commission (or equivalent) directly to discuss security issues (see [Guidance Notes](#)) and attach details of any advice you have received from them.

Yes (no written advice)

Please attach details of any advice you have received.

No Response

Section 17 - Certification

Q35. Certification

On behalf of the

Company

of

Mabuwaya Foundation

I apply for a grant of

£140,000.00

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

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

- I have enclosed CVs for key project personnel, letters of support, budget and project implementation timetable (uploaded at appropriate points in application).
- Our last two sets of signed audited/independently verified accounts and annual report are also enclosed.

Checked

Name	MERLIJN VAN WEERD
Position in the organisation	Chief Executive Officer
Signature (please upload e-signature)	 Signature Merlijn van Weerd  09/02/2021  23:52:29  pdf 12.71 KB
Date	09 February 2021

Section 18 - Submission Checklist

Checklist for submission

	Check
I have read the Guidance, including "Guidance Notes for Applicants" and "Finance Guidance".	Checked
I have read, and can meet, the current Terms and Conditions for this fund.	Checked
I have provided actual start and end dates for the project.	Checked
I have provided my budget based on UK government financial years i.e. 1 April – 31 March and in GBP.	Checked
I have checked that our budget is complete, correctly adds up and I have included the correct final total at the start of the application.	Checked
The application been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).	Checked
I have included a 1 page CV or job description for all the key project personnel identified at Question 12, including the Project Leader, or provided an explanation of why not.	Checked
I have included a letter of support from the the Lead Organisation and main partner organisation(s) identified at Question 11, or an explanation of why not.	Checked
I have included a cover letter from the Lead Organisation, outlining how any feedback received at Stage 1 has been addressed where relevant.	Checked
I have included a copy of the lead organisation's safeguarding policy, which covers the criteria listed in Question 30.	Checked

I have been in contact with the FCDO in the project country/ies and have included any evidence of this. If not, I have provided an explanation of why not.	Checked
I have included a signed copy of the last 2 annual report and accounts for the Lead Organisation, or provided an explanation if not.	Checked
I have checked the Darwin website immediately prior to submission to ensure there are no late updates.	Checked
I have read and understood the Privacy Notice on GOV.UK.	Checked

We would like to keep in touch!

Please check this box if you would be happy for the lead applicant (Flexi-Grant Account Holder) and project leader (if different) to be added to our mailing list. Through our mailing list we share updates on upcoming and current application rounds under the Darwin Initiative 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 organisation, 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).