

Applicant: **Daeweung, Thiri**  
Organisation: **Biodiversity And Nature Conservation Association (BANCA)**  
Funding Sought: **£9,950.00**  
Funding Awarded: **£9,950.00**

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# **DIR26PP\1031**

**DARPP206 Wise Use of Wetlands in Central Myanmar**

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## Section 1 - Contact Details

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### PRIMARY APPLICANT DETAILS

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**Title** Dr  
**Name** Thiri  
**Surname** Daeweung  
**Organisation** Biodiversity And Nature Conservation Association (BANCA)  
**Website (Work)** www.banca-env.org  
**Tel (Work)** [REDACTED]  
**Email (Work)** [REDACTED]  
**Address** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### GMS ORGANISATION

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Type	Local charity organisation
<b>Name</b>	Biodiversity And Nature Conservation Association (BANCA)
<b>Phone (Work)</b>	[REDACTED]
<b>Email (Work)</b>	[REDACTED]
<b>Website (Work)</b>	[REDACTED]
<b>Address</b>	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

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## Section 2 - Title & Location

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

DARPP206 Wise Use of Wetlands in Central Myanmar

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

Myanmar (formerly Burma)

### Q4b. If this is not the intended host country for the proposed Darwin project, please justify here

This is the intended host country for the proposed Darwin project.

#### Q4c. Other collaborating country/ies

United Kingdom (FFI)

#### Q5. Is this a resubmission of a previous scoping/Partnership 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) 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	Aung	Momberg
Forename(s)	Thiri Dae We	Frank
Post held	Executive Director	Regional Director Asia-Pacific
Organisation	Biodiversity And Nature Conservation Association	Fauna & Flora International
Email	[REDACTED]	[REDACTED]
Country travelling from	[REDACTED]	[REDACTED]
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 as a combined PDF.

 [CV F.Momberg \(FFI - short version for Darwin partnership project\)](#)  
 02/11/2019  
 04:43:34  
 pdf 408.59 KB

 [Dr. Thiri Dae We Aung. CV](#)  
 01/10/2019  
 09:59:49  
 pdf 540.77 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.

BANCA has been established in 2001 and is one of the leading national nature conservation organisations in Myanmar. BANCA has been a local project partner of BirdLife International and other international NGOs. Its mission is conservation of nature and biological diversity through actions based on surveys and

research, advocacy, partnership, network building, environmental education and public awareness, people's participation, encouragement of the stakeholder concept and improvement of rural livelihoods. BANCA has implemented several wetland/ water bird conservation projects, most notably the project for 'Spoon-bill Sand Piper Conservation and Ramsar Designation in the Gulf of Mottama'. Since 2016 BANCA has conducted regular waterbird surveys throughout Myanmar's central dry zone. The discovery of a wintering population of the critically endangered Baer's Pochard in only two out of 22 lakes, Paleik and Pyu Lake, has led to the establishment of a BANCA led wetland conservation initiative, devolpoing local community based organization in wetland conservation at both sites from since 2018. In early 2019 BANCA facilitated the establishment of a cross-sectoral Mandalay Regional Wetland Committee.

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

**(If yes, please upload with the partner letters of support on the next page)**

No

### **Please explain why**

BANCA as Myanmar national NGO is the lead applicant organisation. BANCA has implemented conservation activities at the proposed project sites for Baer's Pochard since 2017. BANCA will work in collaboration with FFI as international capacity building partner, who will provide technical advice for the sustainable use of wetlands.

## **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.**

<b>Partner name:</b>	Fauna & Floral International (FFI)
<b>Website address:</b>	<a href="https://www.fauna-flora.org">https://www.fauna-flora.org</a>
<b>Details of anticipated roles and responsibilities:</b>	FFI's role is capacity building of BANCA and local CSO partners in sustainable use of wetlands and mainstreaming of wetland conservation in local and regional development plans.

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

FFI has extensive expertise, both in-country and internationally, in sustainable wetland use, in particular sustainable fisheries and agricultural development. FFI is implementing multiple integrated conservation and development projects in Myanmar. FFI has worked on a number of collaborative protected management projects and supported the designation of Biosphere Reserves, Ramsar sites and Flyway Partnership sites in Myanmar. FFI has international and national experts based in country to build the capacity of BANCA in integrated wetland conservation and development, sustainable fisheries and organic farming and has successfully implemented projects for the wise use of wetlands. FFI has 4 international and 30 national staff based in Myanmar with offices in Yangon, northern and southern Myanmar. FFI has a good track record of implementing Darwin funded projects in the Region. This is the first partnership project where FFI would like to propose the national NGO partner as the lead applicant and also as lead implementing organisation for the resultant project, while FFI will provide technical training and capacity building for BANCA, as well as leverage co-financing for the implementation of the resultant project.

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**Name of main contact and post held:** Frank Momberg, Regional Director for Program Development, Asia-Pacific, Fauna & Flora International (FFI)

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**Letter of support submitted?**  Yes

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

No

**Please provide a combined PDF of letters of support from the lead organisation and partner(s).**

-  [2019-10-02 FFI Letter of Support for BANCA \(Darwin Wetland Project\)](#)
-  02/11/2019
-  05:31:01
-  pdf 57.04 KB

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

Yes

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## 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?**

Wetlands are among the most threatened of all ecosystems in Myanmar. In particular the Dry Zone, especially in Mandalay/ Sagaing Region, is home to some of Myanmar's most important wetlands in the

Ayeyarwady basin. They provide habitats for a rich diversity of threatened wetland bird species, such as the critically endangered Baer's pochard. Its population has declined rapidly in the last 20 years; its IUCN Red list status dropped rapidly from near threatened to critically endangered, with the two proposed project sites holding Myanmar's last wintering population. These wetlands also provide critical ecological services for the livelihoods of some of the poorest people in the dry zone. While BANCA as lead applicant has extensive experiences in biodiversity assessments, awareness, education and community based conservation, Fauna & Flora International as partner can provide technical expertise for the wise use of wetlands, in particular for sustainable fisheries and agriculture interventions. BANCA is lacking the financial and technical resources to develop and implement a larger integrated conservation and development project needed to provide lasting solutions required to tackle threats such as unsustainable fishing, waterbird hunting and trade, pollution from agricultural run-offs, agricultural and urban encroachment. FFI can provide the necessary capacity building for BANCA to implement sustainable development interventions and facilitate cross-sectoral collaboration to achieve the conservation and sustainable use of these wetland. For this partnership project FFI will provide in-kind contributions through providing staff time of its experts and use of its equipment. FFI will leverage co-financing for the resultant project.

## **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 Partnership 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

### Objectives

- Undertake an additional rapid site-specific threat and biodiversity assessment
- Undertake a socio-economic assessment and market based analysis of sustainable development opportunities for sustainable fisheries and agriculture
- Undertake a stakeholder consultation process for the resultant project

### Preparatory work

BANCA has carried out intensive migratory water bird surveys throughout Myanmar's dry zone, where remaining wetlands play a very important for conservation of globally threatened species, a critical role for significant Australasian flyway populations, and provide critical ecosystem services, in particular for the livelihoods of the poor local populations. The development of this proposal was triggered by BANCA's discovery of at least 14 Critically Endangered Baer's Pochard at Pyu and Paleik Lakes re-confirming Myanmar's dry zone as the second most critical wintering site besides Southern China, considering a global population of only 150 to 700 individuals (IUCN 2018). Both wetlands also meet Ramsar criteria. The wider riverine landscape of the Ayeyarwady basin between Myitkyina and Bagan includes 6 river sections, each meeting the criteria for the designation of new Ramsar sites (Zoeckler, C.; FFI 2019).

Central Myanmar is a dry area, sometimes small ponds would totally dry out as water is drained for agriculture and other uses. Wetlands in the dry zone are extremely vulnerable. BANCA documented to following threats: (a) loss of habitat due to agricultural and settlement encroachment; (b) illegal hunting and electric fishing, unsustainable fishing methods; (c) pollution caused by agricultural run-off and poor sanitation, (c) invasive species, such as Eichhornia crassipes; (e) effects of climate-change, with increased risk of floods and droughts.

BANCA supported the development of 'Shwe Kan Thayar Nature Conservation association' by villagers who are living around Pyu Lake to facilitate community-based conservation of Baer's pochard and facilitated the establishment of a Mandalay Region Wetland Committee to enable cross-sectoral collaboration.

Under the partnership project, the following key activities will be carried out:

1. Assessment of biodiversity values, wetland ecosystem services, threats and socio-economic status and sustainable development opportunities of local villagers.
2. Awareness raising for the conservation of Baer's Pochard and migratory waterbird species and sustainable use of wetlands in villages around Pyu and Paleik Lakes
3. Community consultation meetings in 10 villages surrounding the two lakes
4. Township level stakeholder consultation meeting
5. Final stakeholder consultation workshop for the development of a project for sustainable wise use of wetland and conservation in central Myanmar in collaboration with Mandalay Region Wetland Commission.

BANCA and FFI have already collaborated throughout 2018 to 2019 to provide input to the national wetland policy, as well as gathering and sharing waterbird distribution data for the World Bank State of the Ayeyarwady Basin Assessment in 2018. BANCA has been a project partner for FFI led EU financed projects in Kachin state and Tanintharyi Region.

## **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 Conventions and Treaties supported by Darwin, including the SDGs
- how the project will contribute to sustainable development in the country concerned
- briefly explain the proposed partner role(s) in the resultant Darwin project
- briefly the expected role of the Partnership Project travellers in the resultant Darwin project.

Outcome:

Community-based conservation and wise use of Pyu and Paleik Wetlands, providing improved protection of Critically Endangered Baer's Pochard and other migratory waterbirds through designation of community conservation areas and introduction of sustainable fisheries/ agricultural practices, enabled by a strengthened Mandalay Regional Wetland Conservation Committee representing all relevant stakeholders, facilitating cross-sectoral collaboration for mainstreaming of wetland conservation into regional development planning.

Outputs:

- Increased knowledge/ awareness of stakeholders about conservation and wise use of wetlands, with Pyu and Paleik lakes as peri-urban wetlands serving as key sites for wetland education in Mandalay, Myanmar's second largest city
- Increased capacity of the Mandalay Region Wetland Conservation Committee, representing all relevant local stakeholders, in cross-sectoral facilitation of wetland conservation, restoration and wise use
- Legal designation and management plans of Pyu Lake and Paleik Inn wetlands as community conservation areas, a new PA category under Myanmar's new protected area law, and designation of either/ both sites as

peri-urban Flyway Partnership or Ramsar Sites

- Improved local livelihoods based on sustainable fisheries, organic agriculture, and improved value chains for organic agricultural products
- Drastically reduced 'water bird' bush meat trade and increased protection of Baer's Pochard and other water birds
- Regular water bird census of wetlands in the Ayeyarwady riverine landscape in the central dry zone of Mandalay/ Sagaing Regions.
- Mainstream wetland conservation into regional development planning in the central dry zone of Mandalay/ Sagaing Regions

At impact level, this project will support SDG 15 by protecting and sustainably managing wetlands and biodiversity through community-based protected area management contributing to Targets 15.1, 15.2, 15.5, 15.7. This project will contribute to Target 1.1 by decreasing the number of people living on less than \$1.25 per day through the introduction of sustainable fisheries/ agricultural practices and post-harvest processing and production of value-added organic agricultural products; Target 1.4, by securing community access rights to wetland resources and Target 2.4, by implementing resilient agricultural practices – organic rice/ dry-seasons crops - that maintain ecosystem services, and that mitigate an emerging threat to land and water quality. Women will be actively involved not only as equal beneficiaries, but also in management. Promoting organic agriculture will mitigate the use of chemicals, thereby safeguarding and improving water quality, contributing to Target 6.3. This project will ensure women take meaningful decision making roles, thereby contributing to Target 5.5.

The project contributes to Myanmar's CBD targets, supporting the Myanmar NBSAP action 5.3.3 'Establish community-based participatory monitoring and FD, NGOs management programme in potential Ramsar wetlands'. Sustainable rice cultivation is a CBD focus for Myanmar: Target 7.1 'By 2020, SRI and other forms of environmentally friendly rice production have been implemented in 10% of rice paddy area'.

Partner roles:

BANCA has extensive waterbird conservation experience in the central dry zone and will lead the project. FFI will provide technical expertise in the wise use of wetlands and mainstreaming conservation into development planning. FFI will build capacity of BANCA in integrated wetland conservation and development, in particular sustainable fisheries and organic farming.

## Section 6 - Costs

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### Q13. Costs

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

	<b>Main traveller</b>	<b>Second traveller</b>	<b>Total</b>
<b>Airfare including travel to airport</b>	£0.00	£0.00	<b>£</b> 0.00
<b>Visas and other travel documents</b>	£0.00	£0.00	<b>£</b> 0.00
<b>Daily subsistence rate per day</b>	£ [REDACTED]	£ [REDACTED]	



<b>Number of days subsistence claimed (max 30 days per traveller)</b>	30	30	
<b>Total daily subsistence claimed (calculated from figures above)</b>	£ [REDACTED]	[REDACTED]	[REDACTED]
<b>Workshop costs (please provide details below)</b>			£ [REDACTED]
<b>Other costs (please provide details below)</b>			£ [REDACTED]
		<b>Total request from Darwin (must not exceed £10,000)</b>	£ 9,950.00

### Workshop costs

**Please provide further details on your workshops costs (N/A if not relevant).**

Details: (max 150 words)

Workshop for local stakeholder consultation and preparation of the project for the conservation and wise use of Pyu and Paleik wetlands with at least 50 participants including villagers, CSOs, representatives of township and regional government departments in collaboration with the Mandalay Region Wetlands Conservation Committee. The cost ([REDACTED] £) will cover local transport, accommodation, meeting hall rent, food, facilitation and stationaries.

A total for [REDACTED] £ will be used for 7 villages and township level consultation meetings with 30 participants. The cost ([REDACTED] £ per meeting for 10 meetings) will be used for refreshments, local transportation and stationaries.

### Other costs

**Please provide further details on your other costs (N/A if not relevant).**

The other cost will be used for salary of two travelers ([REDACTED] £ per day for 15 days of the main traveler and [REDACTED] £ per day for 5 days of the second traveller) and local travel cost (car hiring including fuel cost) for [REDACTED] £ per day for 30 days, as well as

## 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 May 2020	START
05 May 2020	Collecting and compilation of biodiversity data, wetland ecosystem services, threats and socio- economic status and identification sustainable development opportunities.
11 May 2020	Awareness raising of wetland values in villages around Pyu Lake and Paleik Inn, including Baer's Pochard and migratory waterbird species and
14 May 2020	Community consultation meetings for project planning for wetland conservation and wise use of wetlands in Paleik Inn and Pyu Lakes in Mandalay city.
22 May 2020	Township level community consultation meeting for wetland conservation project planning - Paleik and Pyu Lakes.
11 June 2020	Project planning workshop with the Mandalay Region Regional Wetland Conservation Committee.
<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>
<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>
16 June 2020	FINISH

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

Round 27

## Section 8 - Certification

### Q16. Certification

**On behalf of the**

trustees

**of**

Biodiversity And Nature Conservation Association

**I apply for a grant of**





£9,950.00

**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>	THIRI DAE WE AUNG
<b>Position in the organisation</b>	Executive Director
<b>Signature (please upload e-signature)</b>	 <a href="#">Signature</a>  02/11/2019  05:27:28  jpg 569.66 KB
<b>Date</b>	02 November 2019

## Section 9 - Submission Checklist

### Checklist for submission

	<b>Check</b>
<b>I have read the Guidance Notes for Main projects as well as the Guidance for Partnership Projects and am satisfied that this concept would be eligible for a main project application.</b>	Checked
<b>I have read, and can meet, the current Terms and Conditions for this fund.</b>	Checked
<b>I have provided anticipated start and end dates for my Partnership Project trip.</b>	Checked
<b>I have checked that my budget is complete and correctly adds up.</b>	Checked
<b>My application has been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).</b>	Checked
<b>I have included one page CVs and letters of support as required.</b>	Checked
<b>I have checked the Darwin website immediately prior to submission to ensure there are no late updates.</b>	Checked
<b>I have 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).