

Applicant: **Gratzfeld, Joachim**
Organisation: **Botanic Gardens Conservation International**
Funding Sought: **£6,813.00**

DIR25PP\100054

Building capacity for plant conservation in Preah Vihear, Cambodia

Section 1 - Contact Details

PRIMARY APPLICANT DETAILS

Title Miss
Name Jean
Surname Linsky
Organisation Botanic Gardens Conservation International
Tel (Work) [REDACTED]
Email (Work) [REDACTED]
Address [REDACTED]
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CONTACT DETAILS

Title Mr
Name Joachim
Surname Gratzfeld
Organisation Botanic Gardens Conservation International
Tel [REDACTED]
Email [REDACTED]
Address [REDACTED]
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[REDACTED]
[REDACTED]
[REDACTED]

GMS ORGANISATION

Type	Organisation
Name	Botanic Gardens Conservation International
Phone	[REDACTED]
Email	[REDACTED]
Website	[REDACTED]
Address	[REDACTED] [REDACTED] [REDACTED] [REDACTED]

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

No Response

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

No Response

Please add any 'Conditions' to the field below:

No Response

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

No Response

Section 2 - Title & Location

Q3. Working title of the proposed Darwin project

Building capacity for plant conservation in Preah Vihear, Cambodia

Q4a. Host country (of proposed Partnership Project trip)

Cambodia

Q4b. Other collaborating country/ies

No Response

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

No

Section 3 - Partnership Project Principals & Lead Organisation Summary

Q6. Principals in Partnership Project work i.e. the travellers

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

Details	Main traveller (Project Leader)	Second traveller
Surname	Gratzfeld	Linsky
Forename(s)	Joachim	Jean
Post held	Director Of Regional Programmes	Southeast Asia Botanic Gardens Network Coordinator
Department	BGCI	BGCI
Telephone/Skype	██████████	██████████
Email	██████████████████	██████████████████
Country travelling from	██████	██████

Have you included an one page CV? Yes

Yes

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

↓ **BGCITravellerCVs**

📅 13/11/2018

🕒 00:34:14

📄 pdf 364.09 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.

Botanic Gardens Conservation International (BGCI) is a technical networking organisation linking botanic gardens, arboreta and other plant conservation organisations around the world. Collectively, BGCI's network conserves and manages a third of known plant diversity, and provides tools, resources and knowledge to support plant conservation, sustainable use and environmental education. BGCI has led multiple sustainable development and plant conservation projects around the world, including Main Darwin Projects in Africa. BGCI has been promoting and guiding plant conservation efforts by botanic gardens in Asia since its founding in 1987. BGCI has consolidated its influence in the region through the active support and facilitation of the Southeast Asia Botanic Gardens (SEABG) Network. This network from 16 countries (Brunei, Cambodia, China, Hong Kong, Indonesia, Japan, Laos, Malaysia, Myanmar, Papua New Guinea, Philippines, Singapore, Taiwan, Thailand, Timor Leste, Vietnam) serves to advance the implementation of the Convention on Biological Diversity (CBD), the Aichi Biodiversity Targets and the Sustainable Development Goals (SDGs) in the region. Activities include training workshops on plant identification and inventory, collection, propagation and conservation horticulture of threatened species; the production of native tree conservation assessments and the implementation of practical conservation projects to prevent the extinction of tree species in the wild.

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

If yes, please upload below.

Yes

The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

↓ **BGCI Letterofsupport**

📅 12/11/2018

🕒 13:38:35

📄 pdf 192.19 KB

Section 4 - Project Partners

Q8. About the partner organisation(s)

Please list all the partners involved and explain their roles and responsibilities in the Partnership

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

1. Partner Name:	National Authority for Preah Vihear (NAPV), Department of Environment, Forestry and Water, Cambodia
Website address:	http://www.preahvihearauthority.gov.kh/en/
Details of anticipated roles and responsibilities:	NAPV will host the meeting of the project partners, will facilitate communications between BGCI and local community members. NAPV will be involved in the Main application by contributing and evaluating background data and will coordinate, implement and promote the work at the local and national levels during the Main Project.
Expertise in sustainable use or conservation of biodiversity and/or development:	<p>Management of forest ecosystems and biodiversity is one of the three main pillars of NAPV. The other key areas are conservation and restoration of archeological sites and monuments, as well as livelihood development of local communities. In situ conservation of heritage sites includes law enforcement, and forest restoration through the propagation and planting of native seedlings as well as direct seeding, other forms of assisted natural regeneration, silviculture and firebreak establishment.</p> <p>NAPV is responsible for contributing to reducing poverty in the Preah Vihear Protected Forest through development of capacity building and professional training programmes. Additionally, NAPV develops and implements management and quality control systems and services for environmental protection and sustainable development in the Preah Vihear region. NAPV is involved in regular collaborative work with national conservation and land management agencies to strengthen the technical foundation for sustainable conservation and resource use to enhance local community livelihoods and contribute to economic growth in the area.</p>
Name of main contact point and post held:	Dr. Eang Hourt Khou, Director and Chief of Research
Have you included a letter of support from this organisation?	<input checked="" type="radio"/> Yes

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

Yes

2. Partner Name: Department of Biodiversity, General Secretariat of National Council for Sustainable Development (GGSD), Ministry of Environment, Cambodia

Website address: <http://www.moe.gov.kh/>

Details of anticipated roles and responsibilities: GGSD, Ministry of Environment, will play a key role in project facilitation and ensuring that activities fulfil and align with national policies, environmental planning and sustainable development objectives as well as promoting public participation in project activities and decision making.

Expertise in sustainable use or conservation of biodiversity and/or development: The main activities of the Ministry of Environment are to restore and support the sustainable utilization of biodiversity and ecosystem services for community livelihoods, scientists and national economic development. The Ministry manages the protected areas of Cambodia, for example national parks and wildlife sanctuaries in collaboration with other institutions and prepares and implements policies and management plans. The Department of Biodiversity of the General Secretariat of National Council for Sustainable Development leads the development of national ex situ plant conservation initiatives, including the development of the first national botanic garden of Cambodia.

Name of main contact point and post held: Mr. Meng Monyrak, Director & Mr. Sam Oeurn Sothyroth, Chief of Ex-situ Conservation Office, Department of Biodiversity

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

Please explain why. The GSSD of the Ministry of Environment is committed to collaborating on this partnership project and full discussions are required to clarify project activities.

3. Partner Name: *No Response*

Website address: *No Response*

Details of anticipated roles and responsibilities: *No Response*

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

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

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

4. Partner Name: *No Response*

Website address: *No Response*

Details of anticipated roles and responsibilities: *No Response*

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

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

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

5. Partner Name: *No Response*

Website address: *No Response*

Details of anticipated roles and responsibilities: *No Response*

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

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

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

6. Partner Name: *No Response*

Website address: *No Response*

Details of anticipated roles and responsibilities: *No Response*

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

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

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

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

↓ [NAPV SupportLetter](#)

📅 09/11/2018

🕒 13:25:26

📄 pdf 208.75 KB

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

Yes

Section 5 - Justification & Concept Notes

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?

As a member of the Southeast Asia Botanic Gardens (SEABG) Network – a regional plant conservation alliance facilitated by Botanic Gardens Conservation International – NAPV makes an important contribution to implementing the conservation and sustainable development agenda of the SEABG network. To acknowledge and further enhance support for plant conservation organizations in the region, NAPV and BGCI aim to strengthen their partnership in plant diversity conservation through a consultative meeting to develop a full Darwin proposal. Communications and project development have taken place digitally (via email and Skype). However, to truly develop strong relationships and clarify project roles and activities, the Partnership Project would provide the chance of a face-to-face consultative meeting to assess and identify the specific needs and competencies of the partners, as well as the Main Project implementation modalities. While the outcome of other funding applications related to this work is still awaited, in-kind funding in the form of staff time by BGCI and NAPV has been provided to develop the initial partnership proposal and will additionally be contributed during the meeting time and development of the full proposal.

Q11. Concept note for the Partnership Project

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

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

The National Authority of Preah Vihear (NAPV) is responsible for the development and implementation of management and services for environmental protection and sustainable development in the Preah Vihear region of Cambodia. A major goal of NAPV is reducing poverty in the Preah Vihear Protected Forest (PVPF) through capacity building and professional training programmes. Key project members at NAPV and BGCI have identified threats to biodiversity within PVPF and needs for training to manage biodiversity more sustainably. The impact of historical land clearance for development leading to fragmentation of the dry-deciduous forest, changing, regional climate patterns and reliance of locals on NTFP over the increasingly lengthening dry seasons threaten native plants in PVPF. Trees such as *Azadirachta indica*, *Dipterocarpus intricatus* and other economically important species in the Dipterocarpaceae family are at risk of extinction from land conversion and over-harvesting. A lack of species knowledge and agricultural capacity to diversify and sustainably cultivate crops is exacerbating food insecurity in the project area during extreme weather events.

NAPV and BGCI aim to build their partnership to enhance conservation of native plant diversity, to improve livelihoods and food security through strengthened horticultural and agricultural skills as well as improve the conservation status of threatened trees in PVPF.

All partners have collaboratively developed this Partnership Project proposal as well as initial concepts for the full proposal. The purpose of this partnership project and country visit are to: 1) identify the specific needs of local stakeholders (NAPV staff, the local commune council and community members) for capacity building as well as other knowledge gaps and needs for future research on threatened tree species; 2) identify and strengthen relationships with national/regional partners to deliver horticulture and agroforestry training and improve collaborative communication between project partners and 3) conclude on specific partners' roles and produce a Main Darwin project proposal. The project leader and SEABG Network Coordinator will visit NAPV for meetings with project partners as well as community and restoration sites to assess and ensure readiness for project activities.

In preparation for project planning, NAPV has developed a list of threatened tree species which will be used to target collecting, propagation and ultimate planting into the reforestation area. These include *Azadirachta indica*, *Dipterocarpus intricatus*, *Hopea ferrea*, *Anisoptera costata* and *Dalbergia oliveri* (all assessed as Endangered). Additionally, communities rely on a limited number of non-native fruit species which are poorly adapted to the changing climate patterns in the region. Moreover, during this partnership project, species for inclusion in diversified cropping systems will be identified.

The Department of Biodiversity, General Secretariat of National Council for Sustainable Development (GSSD) of the Ministry of Environment is engaged in in situ biodiversity conservation and has commenced the first national ex situ conservation initiative in the country. The partnership project will ensure full collaboration and targeted, effective planning and support of biodiversity conservation with GSSD in alignment with Cambodia's agreements with the CBD, e.g. Target 13 of Strategic Goal C of the Aichi Targets, and Goal 15 of the SDGs.

Q12. Concept note for the resultant project

This question concentrates on the full Darwin application you intend to submit after the Partnership Project and should discuss:

- **the expected Outcome and Outputs of the resultant Darwin project**
- **how the resultant Darwin project would meet a need in the host country (and the wider region if applicable e.g. if the proposed project would be based in a UMIC)**
- **how the project would contribute to any or all of the following Conventions: the Convention on Biological Diversity (CBD); the Nagoya Protocol on Access and Benefit-**

sharing (ABS); the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA); the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); the Convention on the Conservation of Migratory Species of Wild Animals (CMS); the Ramsar Convention on Wetlands

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

The Preah Vihear Protected Forest (PVPF) of Cambodia is located in the Indo-Burma biodiversity hotspot and the protected area is host to over 400 plant species alongside culturally important heritage sites. The area in and surrounding PVPF contains a mosaic of land use including protected areas, areas of shifting agricultural use and community land. Villages rely on farming of a select few species and during the extended dry season are heavily using non-timber forest products (NTFPs) such as wild mushrooms and vegetables for subsistence and small income generation. The impact of historical land clearance for development (sometimes unfinished), leaving the dry deciduous forest fragmented; changing, regional climate patterns and reliance of locals on NTFPs over the lengthening dry seasons, threaten native plants in PVPF. A lack of botanical knowledge and horticultural capacity to diversify crops is leading to food insecurity in the project region during extreme weather events. Through a programme combining botanical knowledge and horticultural training for staff of the National Authority of Preah Vihear and local villagers to introduce diverse native crop species as well as the integration of threatened tree propagation into agroforestry systems and restoration initiatives, the main outcome of this project will be improved livelihoods through diversified fruit crop planting for domestic use and sales and population enhancements of threatened trees in protected, restored forest areas. The expected outputs of the planned Main Darwin project are: 1) food security will be increased in seven Preah Vihear villages as communities diversify crops for subsistence and income generation, 2) at least seven threatened tree species are secured through propagation in NAPV and community nurseries aimed at species recovery in situ and 3) Preah Vihear community members are increasingly aware of conservation issues and value of protecting biodiversity in PVPF.

Locals from seven Preah Vihear villages will benefit through training and nursery infrastructure development for crop diversification and improved propagation of threatened trees. Livelihoods will be enhanced through increased knowledge and technical skills in crop diversification and agroforestry for both household use and sale to expanding local markets (Sustainable Development Goal, SDG: 2). Productive and resilient farming practices are anticipated to lead to reduced reliance on forest species (Aichi Biodiversity Target 7) and threat to biodiversity in the protected area. Plantation of wild forest species will lead to recovery of threatened populations of target species (Aichi Biodiversity Target 12) and restoration of ecosystem functioning within the Preah Vihear restoration area while also providing refuge for wild animals (Aichi Biodiversity Targets 11, 15 and SDG 15). In the long-term, the restoration and protection of the project's local forest will also have potential for promotion of ecotourism, offering additional income opportunities for local communities.

At the international level, the project will be overseen by BGCI. A Project Steering Committee including BGCI and representatives from NAPV, the Ministry of Environment and local communities will be established to lead project monitoring and evaluation.

Section 6 - Costs

Q13. Costs

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

	Main traveller	Second traveller	Total
Airfare including travel to airport	£ [REDACTED]	[REDACTED]	[REDACTED]
Visas and other travel documents	£ [REDACTED]	[REDACTED]	[REDACTED]
Daily subsistence rate per day	[REDACTED]	[REDACTED]	
Number of days subsistence claimed (max 30 days per traveller)	[REDACTED]	[REDACTED]	
Total daily subsistence claimed (calculated from figures above)	£ [REDACTED]	[REDACTED]	[REDACTED]
Workshop costs (please provide details below)			£ [REDACTED]
Other costs (please provide details below)			£ [REDACTED]
		Total request from Darwin (must not exceed £10,000)	£ 6,813.00

Workshop costs

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

Food for participants (including commune members, NAPV/MoE staff and BGCI) during days of meetings (approx. 8 days) - £ [REDACTED]

Materials for workshop - £ [REDACTED]

Local transport for site visits with in-country participants - £ [REDACTED]

Meeting facility costs and in-country partner preparation: £ [REDACTED]

Other costs

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

Internal return travel (by plane or bus) from Phnom Penh to Preah Vihear for main and second traveller.

Section 7 - Timetable & Activities

Q14. Provide anticipated dates of travel (start and finish) and activities to be undertaken on your trip.

N.B.: this question is specifically about your travel plans – your dates and specific milestones during travel – NOT your timetable to Stage 1 application. Your application will be considered ineligible if this section does not specifically cover your planned Partnership Project trip.

Date	Milestone
01 April 2019	START
01 April 2019	Begin to identify and invite additional training partners and develop meeting agenda, develop background species and site information etc. Carry out during March and April.
01 May 2019	During May, confirming travel and meeting logistics
08 June 2019	Main and second traveller, travel to Phnom Penh
10 June 2019	Visit and have discussions with GSSD/Moe at offices in Phnom Penh also on 11/06/2019
12 June 2019	Travel to Siem Reap; Visit Sok An Phnom Kulen Orchid Research and Conservation Centre and site of future national botanic garden on 13/06/2019
14 June 2019	Travel to Preah Vihear; Meeting with National Authority of Preah Vihear, initiation of project logframe drafting on 15/06/2018
16 June 2019	Visit to local communities and restoration site for assessment of project readiness and discussions
17 June 2019	Visit to local communities and restoration site for assessment of project readiness and discussions
18 June 2019	Visit to local communities and restoration site for assessment of project readiness and discussions
19 June 2019	Continuation and late stage drafting of Darwin Initiative Main Project Proposal;
22 June 2019	Main and second travellers return travel via Siem Reap and Phnom Penh. Plan to submit Full Darwin with predicted July 2019 deadline.
22 June 2019	FINISH

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

Round 26

Section 8 - Certification

Q16. Certification

On behalf of the

trustees

of

Botanic Gardens Conservation International

I apply for a grant of





£6,813.00

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

Name	Joachim Gratzfeld
Position in the organisation	Director of Regional Programmes
Signature (please upload e-signature)	 joachim esig  09/11/2018  14:10:05  jpg 4.37 KB
Date	09 November 2018

Section 9 - Submission Checklist

Checklist for submission

	Check
Have you provided anticipated start and end dates for your Partnership Project trip?	Checked
Has your application been signed by a suitably authorised individual?	Checked

Have you read the Guidance documents for both Main projects and Partnership Project, and are you satisfied that your concept would be eligible for a main project application?	Checked
Have you read the current Terms and Conditions for this fund and can you confirm you are willing to be bound by these if your application is successful?	Checked
Have you uploaded 1 page CVs and letters of support as required?	Checked
Have you checked the Darwin website immediately prior to submission to ensure there are no late updates?	Checked
Have you 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 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).