

Applicant: **Gratzfeld, Joachim**  
Organisation: **Botanic Gardens Conservation International**  
Funding Sought: **£265,650.00**  
Funding Awarded: **£265,650.00**

## **DIR26S2\1016**

### **27-015 Farms and Forests: Boosting biodiversity and livelihoods in Northern Cambodia**

Degradation of dry forest in northern Cambodia has intensified over the last decade due to expanding population, wild species collection and agriculture. Various socio-economically valuable trees essential for ecological restoration are threatened including rare rosewoods and legumes. This project will build capacity of Sra-aem Commune members in diversifying farm-forestry practices and developing new market value chains. Together with the development of mechanisms for linking forest recovery with employment opportunities, this will generate new incomes and restore biodiversity in the long-term.

## PRIMARY APPLICANT DETAILS

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

## CONTACT DETAILS

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**Title** Mr  
**Name** Joachim  
**Surname** Gratzfeld  
**Organisation** Botanic Gardens Conservation  
International  
**Tel (Work)** [REDACTED]  
**Email** [REDACTED]  
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[REDACTED]  
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## Section 1 - Contact Details

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### PRIMARY APPLICANT DETAILS

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**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

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

### GMS ORGANISATION

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Type	Organisation
<b>Name</b>	Botanic Gardens Conservation International
<b>Phone (Work)</b>	[REDACTED]
<b>Email</b>	[REDACTED]
<b>Website</b>	[REDACTED]
<b>Address</b>	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

## Section 2 - Title, Dates & Budget Summary

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### Q3. Project title:

27-015 Farms and Forests: Boosting biodiversity and livelihoods in Northern Cambodia

### What was your Stage 1 reference number? e.g. DIR26S1\100123

DIR26S1\1602

### Q4. Country(ies)

**Which eligible 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.**

<b>Country 1</b>	Cambodia	<b>Country 2</b>	<i>No Response</i>
<b>Country 3</b>	<i>No Response</i>	<b>Country 4</b>	<i>No Response</i>

### Do you require more fields?

No

### Q5. Project dates

**Start date:**

01 July 2020

**End date:**

31 March 2023

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

2 years, 9 months

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### Q6. Budget summary

<b>Year:</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>Total request</b>
<b>Amount:</b>	£91,971.00	£90,685.00	£82,994.00	<b>£</b> 265,650.00

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### Q6a. Do you have matched funding arrangements?

Yes

### What matched funding arrangements are proposed?

In-kind contributions of staff time will be made by project partners Botanic Gardens Conservation International and The International Center for Research in Agroforestry (ICRAF). The National Authority of Preah Vihear (NAPV) will also make in-kind contributions including office space, rent and equipment. Project partners have applied to the Prince Albert II of Monaco Foundation and will apply to the Angkor Trust Foundation for additional matched funding for facilities and training.

**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).**

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## Section 3 - Project Summary

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### 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.**

Degradation of dry forest in northern Cambodia has intensified over the last decade due to expanding population, wild species collection and agriculture. Various socio-economically valuable trees essential for ecological restoration are threatened including rare rosewoods and legumes. This project will build capacity of Sra-aem Commune members in diversifying farm-forestry practices and developing new market value chains. Together with the development of mechanisms for linking forest recovery with employment opportunities, this will generate new incomes and restore biodiversity in the long-term.

## Section 4 - Lead Organisation Summary

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### Q8. 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)?**

Yes

**If yes, please provide details of the most recent awards (up to 6 examples).**

Reference No	Project Leader	Title
26017	Kirsty Shaw	Maximising Conservation and Community Benefits from Plants of Mount Mulanje
DARPP199	Joachim Gratzfeld	Building capacity for plant conservation in Preah Vihear, Cambodia
25020	Kirsty Shaw	Supply and Demand: Restoration in Uganda for people and biodiversity


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23026	Paul Smith	Domestication of the Mulanje Cedar for improved livelihoods
23005	Suzanne Sharrock	Promoting the use of plant resources in research and development
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>


**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.**


 [BGCI 2017 annual report and accounts](#)


 05/12/2019

 02:11:12

 pdf 1.2 MB

 [BGCI 2018 annual report and accounts](#)

 05/12/2019

 02:11:04

 pdf 901.53 KB

## Section 5 - Project Partners

### Q9. 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:** Botanic Gardens Conservation International

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

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

BGCI has led the development of this proposal from initiation of the associated Darwin Partnership Project (DARPP199). Capitalising on its established experience in managing conservation initiatives around the world including former projects in Cambodia, BGCI will act as lead organisation to ensure successful implementation of this project. BGCI will play a leadership role in the Project Steering Committee and will mobilize expertise within its Southeast Asia Botanic Garden Network ([bgci.org/our-work/where-we-work/asia/botanic-garden-networks-in-asia/](http://bgci.org/our-work/where-we-work/asia/botanic-garden-networks-in-asia/)) and Ecological Restoration Alliance of Botanic Gardens (ERA) ([erabg.org/](http://erabg.org/)) to identify and deploy restoration and horticultural expertise to support the project. BGCI will employ techniques and guidance gained from the Global Trees Campaign ([globaltrees.org/](http://globaltrees.org/)) to save the world's most threatened trees from extinction and ERA, in implementing practical tree conservation projects and restoration planning and practice. BGCI will manage consultant contracts, finance and reporting and ensure that partner activities are carried out in the project timeframe. Regular contact will be made between BGCI and the project partners via email, phone calls and regular steering committee meetings.

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

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

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**Do you have partners involved in the Project?**

Yes

**1. Partner Name:** National Authority of Preah Vihear (NAPV)

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**Website address:** <https://www.facebook.com/preahvihearauthority/>

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

NAPV manages conservation and restoration of archaeological sites and forest ecosystems and promotes livelihood development of local communities of the Preah Vihear Heritage Site (PVHS). NAPV will conduct the baseline and post project socio-economic surveys in collaboration with ICRAF. Staff of NAPV will attend the train-the-trainer sessions and will subsequently act as trainers in agroforestry tutorial sessions for community members. NAPV will construct and manage the threatened tree nurseries, negotiate conservation agreements with local communities and co-ordinate the distribution of benefits to local communities. NAPV have been directly involved with project planning through site visits and community discussions during the Partnership Project. Eang Hourt Khou, NAPV's Director of the Department of Environment, Forest and Water has led multiple environmental and livelihoods projects. Mr. Yeang Yuthea, NAPV's Nursery manager has experience with technical nursery management. Mr. Sok Phalla, technical staff at NAPV is experienced in forest management practices as well as awareness raising activities. Mr. Um Sodarath, NAPV's Community Development Program Coordinator has experience with community development projects and will manage the socio-economic surveys. Mr. Yong Sophack is NAPV's Community development program facilitator with extensive experience in leading and facilitating community development within the PVHS. He will act as Training Coordinator.

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

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**2. Partner Name:** The International Center for Research in Agroforestry (ICRAF), also known by the brand name as the World Agroforestry

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**Website address:** <http://www.worldagroforestry.org/>

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

ICRAF is a global research organization in the world of agroforestry. It is part of the Consultative Group on International Agricultural Research (CGIAR), which works to reduce rural poverty, increase food security, improve nutrition and health, and sustainably manage natural resources. ICRAF delivers both research and development outcomes. Within the scope of the proposed project, ICRAF will lead on the market and value chain research; design, establishment and implementation of agroforestry options, and related capacity building (including development of training materials) as well as agroforestry policy recommendations. Dr. Quang Tan Nguyen, Vietnam Country Program Coordinator from ICRAF has been involved with project development including attending site visits and joining community discussions during the Partnership Project as well as contributing to the Stage 1 project proposal. Dr. Nguyen will act as ICRAF project manager and has 25 years of experience working in forest governance, policy analysis, poverty alleviation, commodity chain analysis, climate change and REDD+. Aulia Perdana, Agribusiness advisor and Agustin Mercado, Agroforestry Systems Advisor, will be responsible for designing and implementing marketing research activities, value chain analysis, providing market-related input such enterprise development and implementing mentorship and training in agroforestry and conservation farming techniques. ICRAF will manage external modelling consultants.

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

Yes

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**3. Partner Name:**

The Sra'aem Commune Council of Choam Ksant District in Preah Vihear Province

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**Website address:**

None

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

The Sra'aem Council are community leaders representing the seven villages and over 3000 households within the Preah Vihear area. These village members hosted discussions to identify key issues and project strategies during the associated Partnership Project. During the project community leaders will be engaged in train-the-trainer sessions and will then act as trainers in collaboration with ICRAF and BGCI in agroforestry and agribusiness practices ensuring on-going learning as well as scaling up of the project impact across the Preah Vihear Heritage Site. The Sra'aem Council will lead on the development of forest conservation agreements with NAPV. The community members will engage in tree planting for forest restoration and implement sustainable agroforestry systems within home gardens and farms.

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

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**4. Partner Name:** *No Response*

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**Website address:** *No Response*

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**Details (including roles and responsibilities and capacity to engage with the project):** *No Response*

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**Have you included a Letter of Support from this organisation?**  Yes  
 No

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

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**Website address:** *No Response*

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**Details (including roles and responsibilities and capacity to engage with the project):** *No Response*

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**Have you included a Letter of Support from this organisation?**  Yes  
 No

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

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**Website address:** *No Response*

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**Details (including roles and responsibilities and capacity to engage with the project):** *No Response*

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**Have you included a Letter of Support from this organisation?**  Yes  
 No

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

No Response

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

 [BGCI Lettersofsupport Stage 2](#)

 05/12/2019

 02:38:56

 pdf 885.73 KB

 [BGCIcoverletter Stage 2](#)

 05/12/2019

 02:25:39

 pdf 488.21 KB

## Section 6 - Project Staff

### Q10. Key project staff

**Please identify the key project personnel on this project, their role and what % of their time they will be working on the project.**

**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?
Joachim Gratzfeld	<b>Project Leader</b>	12	Checked
Jean Linsky	Project Manager, BGCI	27	Checked
Eang Hourt Khou	Project Manager, NAPV	60	Checked
Yong Sophack	Training Coordinator, NAPV	10	Checked

**Do you require more fields?**

Yes


Name (First name, Surname)	Role	% time on project	1 page CV or job description attached?
Sok Phalla	Forest Management Officer, NAPV	5	Checked

Yeang Yuthea	Nursery Manager, NAPV	20	Checked
Um Sodarath	Community Development Officer, NAPV	20	Checked
Kim Kunthea	Finance and Administration, NAPV	10	Checked
Tan Nguyen	Project Manager, ICRAF	6	Checked
Aulia Perdana	Agribusiness Advisor, ICRAF	15	Checked
Agustin Mercado	Agroforestry System Advisor, ICRAF	15	Checked
<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.**

 [BGCI CVs Compiled Stage2](#)

 05/12/2019

 02:39:23

 pdf 234.77 KB

**Have you attached all project staff CVs?**

Yes

## Section 7 - Problem Statement & Conventions

### Q11. 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?**

The Preah Vihear Heritage Site (PVHS) in Cambodia, located in the Indo-Burma biodiversity hotspot, has exceptional cultural and natural significance. Covering 48,000 ha, PVHS includes unique dry forest habitat, hosting >400 native plant species. PVHS is comprised of multiple use zones including core protected areas, restoration zones and community development land supporting over 3000 households. Forest fragmentation has intensified over the last decade due to increasing population and agricultural expansion. Communities rely on farming few crop species, while turning to collection of wild forest resources from protected areas during the dry season. The use of fire to gain access to the forest threatens native plant species and overall biodiversity in PVHS. As climate patterns change and extreme weather events occur more frequently in the region, poor crop output, resultant higher reliance on wild collected species and clearance of the forest will exert mounting pressure on PVHS' biodiversity.

The following problems were identified in consultations with community representatives from the Sra'aem Commune, the National Authority of Preah Vihear and ICRAF during our Darwin Partnership Project (DARPP199): 1) lack of awareness about which native plant species can be domesticated and cultivated in

home gardens and on farmlands; 2) limited technical capacity in horticulture, soil, and water management to augment food production; 3) poor business skills and knowledge of markets, value chains and high value products; 4) lack of knowledge and incentives for managing the forest sustainably. This project will address issues of food security and its impact on biodiversity for the communities of Sra-aem Commune through training in, and diversification of home garden and conservation farming practices. In parallel, development of mechanisms for linking forest recovery and care with employment opportunities, will generate new income and better protect the forest in the long-term.

## **Q12. Biodiversity Conventions, Treaties and Agreements**

**Q12a. Your project must support the objectives 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 and how.**

- Convention on Biological Diversity (CBD)
- Convention on Climate Change (CCC)
- Global Goals for Sustainable Development (SDGs)

### **Q12b. Biodiversity Conventions**

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

This project will address the Convention on Biological Diversity (CBD), Aichi Biodiversity Targets and Global Strategy for Plant Conservation (GSPC):

Action to raise awareness, build capacity and develop conservation agreements will ensure that the complementarities of the conservation and sustainable use of biodiversity and livelihood security are increasingly evident and realized within the local communities of the Sra-aem Commune (Target 1; GSPC Target 14). Specialised training for local community members in agroforestry and sustainable horticulture, soil improvement and water management practices contribute to knowledge sharing and cooperation for biodiversity conservation (Target 19; GSPC Target 3). This project will also support NAPV staff and local community members to develop propagation techniques, and grow and conserve species of socio-economic interest (nutritional, aromatic and medicinal plants) in home gardens and on farms, as well as native and threatened trees in nurseries of the Sra-aem Commune and PVHS authority. Target species include: *Syzygium cumini* (LC), *Phyllanthus emblica*, *Dialium cochinchinense*, *Kaempferia galanga*, *Dalbergia cochinchinensis* (VU), *D. oliveri* (EN), *Pterocarpus macrocarpus* (EN), *Sindora siamensis* (LC), *Peltophorum dasyrachis* and *Azelia xylocarpa* (EN). These will be used in development of sustainable management practices of the dry forest habitat, contributing to the restoration of degraded land and reconnecting forest fragments (Targets 5, 12 and 15; GSPC Targets 4, 7, 8). In addition, species and habitat recovery activities under this project will provide watershed protection and improved soil health in and surrounding the PVHS (Target 14). The increase in knowledge and development of capacity for environmentally-friendly agroforestry practices combined with scientific study of site and market conditions and opportunities will advance sustainable farming methods in PVHS (Target 7; GSPC Target 6).

In the long-term, this project will also contribute to the objectives of the United Nations Framework Convention on Climate Change (UNFCCC):

Forest restoration activities under this project also support the UNFCCC and contribute to the goal of stabilising and reducing greenhouse gas concentrations in the atmosphere (Art. 2). It will also support Cambodia's commitment to the Paris Agreement under the UNFCCC, especially as regards enhancing

adaptive capacity, strengthening resilience and reducing vulnerability to climate change (Art. 7).

### **Q12c. Is any liaison proposed with the CBS / ABS / ITPGRFA / CITES / CMS / Ramsar / CCC focal point in the host country?**

Yes

#### **If yes, please give details.**

During the Darwin Partnership trip, project partners met with the CBD/GSPC focal point of Cambodia, Somaly Chan, to discuss support for the project and cohesion with ongoing national initiatives. Periodic liaison will continue through regular consultation and updates during the proposed Darwin Main Project.

### **Q12d. Global Goals for Sustainable Development (SDGs)**

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

This project contributes to the following SDGs:

SDGs 1 (no poverty) and 2 (zero hunger): By providing training and developing market opportunities this project will increase diversified and sustainable subsistence and income farming. The project will enhance resilient farming systems for local community members which will allow for sustainable food production.

SDG 5 (gender equality): Gender equality is an underlying principle of the project, which will promote equivalent participation in activities and distribution of project benefits among women and men (see Q. 16).

SDG 15 (life on land): Through threatened tree planting and forest management activities, the project will contribute to the improved connectivity of dry deciduous forests and address issues of past degradation in the project area.

SDG 17 (partnerships for the goals): Project partnerships between regional expertise in agroforestry and community development will be strengthened through knowledge sharing and training. Project outcomes will provide valuable guidance for national and regional policy in sustainable agriculture and community forest management.

## **Section 8 - Method, Change Expected, Gender & Exit Strategy**

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### **Q13. 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.).

Project outcome and outputs will be monitored and evaluated through a Steering Committee including all project partners, and will be administered by BGCI. The project outcome will be achieved using the

following methodologies:

Output 1. Surveys of baseline socio-economic status and agroforestry practices carried out (Y1) by NAPV and ICRAF team members will catalogue and evaluate pre-project use of forest products and sources of income in the PVHS. Agribusiness expertise (ICRAF) will conduct a value chain study (Y1) using well established rapid market assessment methodology (RMA) to recognise domestic market opportunities, access, players, and value addition for fruit producing tree species with known markets and abundance in the PVHS (identified in Partnership Project exercises) including *Phyllanthus emblica* and *Dialium cochinchinense*. Land suitability analyses for tree species with market potential will identify suitable areas for agroforestry development. Using this data, agroforestry trial plots will be established for training; exemplar agroforestry guidance will be produced whilst a project end socioeconomic survey will monitor the intended Impact on enhanced income and advanced sustainability throughout the development of the plant products' value chain.

Output 2. To increase sustainable home garden and conservation farming practices, BGCI and ICRAF will deliver capacity building and technical support to the communities of the Sra'aem Commune in propagation and cultivation of project target species, sustainable agricultural practices, composting and small-scale enterprise business practices. Establishment of a train-the-trainer mentorship group of at least 40 village leaders, commune council members and district staff (Y1, Y2), will provide successful examples for further training (Y2, Y3) of 200 community members, in addition to upscaling of sustainable practices and successful business models to the greater PVHS community. Best practice agroforestry and small-scale business recommendations will be published to inform new initiatives under the Cambodia Roadmap for Agroforestry program.

Output 3. Supply of threatened tree species for restoration and fruit producing species for home consumption and market use will be up-scaled through the construction of two new nurseries managed by NAPV. Commune community members will be employed in nursery management and care. BGCI expertise will support NAPV to develop a restoration plan including natural and assisted regeneration strategies informed by an eco-geographical survey of representative areas with threatened tree species. NAPV and community members will plant and look after some 15,000 trees of at least 5 threatened species within the restoration areas by the end of the project, accompanied by a comprehensive monitoring and evaluation of growth and survival.

Output 4. A series of educational outreach activities on forest fire impact on ecosystem services and methods for prevention will be carried out with community members. These will promote the creation of community-based forest management plans agreed with four villages, and emphasize livelihood benefits resulting from sustainable harvesting and cultivation in home gardens, as well as from employment through forest restoration and forest conservation. NAPV observance of forest fires in restoration zones and collection of wild species in the socioeconomic surveys (Output 1) will monitor impact of education programs and compliance with management plans.

## **Q14. 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?**

Community members collect wild forest resources for a large number of uses including fuelwood for daily

cooking, bamboo poles for fencing and thatching, wild foods such as shoots, rhizomes and tubers of bamboo, rattan, ginger and yams, edible tree leaves and fruits (e.g. *Phyllanthus emblica* and *Dialium cochinchinense*) and mushrooms. Yet, opportunities for inclusion in home gardening and farming as well as developing markets for high value crops are missed due to lack of technical skills in sustainable farming and small scale business development.

Awareness raising of the conservation value of these species in the forest, and livelihood improvements through sustainable farming in the Preah Vihear Heritage Site are a key part of this project. Outreach materials and training resources will be made available to the communities in PVHS as well as to the local government for circulation outside the Sra'aem Commune.

The use of local crops and sustainable practices will be promoted by ICRAF and BGCI. Agroforestry methods and new conservation-commerce models and markets for these will be published as guidance for replication in the region. These will also inform and influence national level policy in alignment with the Agroforestry Roadmap for Cambodia on integrated conservation and sustainable development of native and socio-economically important plant resources in Cambodia.

Regular communications with the CBD National Focal Point ensures that project results inform the implementation of Cambodia's National Biodiversity Strategy and Action Plan (NBSAP). Priorities adopted under the NBSAP updated in 2016 specially relate to promoting i) awareness and building capacity of government staff and local communities; and ii) community-based natural resource management. The activities under this Darwin Main Project are fully aligned with these aims and will provide valuable recommendations for the implementation of the current priority actions of Cambodia's NBSAP as well as future national biodiversity strategies and plans.

## **Q15. 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.**

Capacity building will take place through training at both the institutional (NAPV and district agricultural, forestry and economic government divisions) and individual (Sra'aem community leaders and members) levels. Institutional capacity building as part of the project will aim to make sure that all relevant institutions have the adequate technical and management competencies to not only implement this project but also to develop and implement future projects and programs.

At the individual level, the project will build the capacity of staff members of relevant local government agencies and local community members in sustainable agriculture practices such as conservation farming (soil and water conservation), agroforestry, forest landscape restoration, nurseries of quality planting materials; and small-scale business development (including basic knowledge on entrepreneurship, marketing, and small-business planning). Key project staff and community members will participate in Training of Trainers at the beginning of the project, through which they will be trained on both technical aspects of agroforestry, small-scale business development and on how to build capacity of other people. They will also be trained on-the-job by technical staff from BGCI and ICRAF in the course of project implementation.

Key government staff and community members trained by the project will be the core team to implement the project and to transfer the skills and knowledge to others. Staff will uptake skills into on-going and future community development projects in the region allowing facilitation of future training or consultations beyond the life of the project. They are from the region and will stay after the end of the project to help maintain and upscale the project work.



## Q16. 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 ensure an equitable gender design and implementation throughout the proposed activities. Gender disaggregated data collection will be conducted at any point where gender-sensitive information is needed including socio-economic surveys. Field activities such as capacity development, nursery development, and small-scale business planning, will target a minimum level of 40% involvement of women and strive for greater inclusion. Surveys will be designed to realise a complete understanding of home garden (generally managed by women), farming (generally carried out by men) as well as wild species collection practices and needs. By understanding women's preferences and needs through gender aware participatory research in management options, market opportunities, and training, the project will address issues of gender inequity where they are prevalent. Gender-equitable training needs will be addressed to ensure that women, in particular, are able to access training and other technical assistance at their convenience. Attendance reports capturing gender information will be used to ensure the involvement of both men and women in capacity building exercises. Exposure to knowledge and skills gained during research implementation will give beneficiaries the confidence and experience to continue producing timber and NTFPs in integrated production systems after the project ends. The project will also pro-actively engage with single mothers and fathers with children, as well as the least affluent households.

## Q17. 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.**

Village community members' choice of subsistence home garden and income farm crops is limited by soil quality, unreliable water sources and limited knowledge of species and market diversification. Shortage of food and revenue options currently leads to exploitation of NTFPs using fire to clear access routes. Natural recruitment of seedlings of threatened tree species and saplings planted in reforestation programs by NAPV, therefore struggle to establish, while fast-growing, non-native species expand following the fires.

In the short-term at least 200 households will directly benefit from training in agroforestry and small-scale enterprise development. Both male and female community members will draw on new skills gained in horticulture and agribusiness development at the home garden and farm levels, improving average family incomes of participating households in the medium term following project completion by at least 10%. In the long-term, based on continuation of project objectives, expansion of training, and further development of conservation-commerce models, livelihoods are expected to improve across the nearly 3400 households of the PVHS. Development of capacity of NAPV staff and community leaders in teaching sustainable practices to the greater community in PVHS, will ensure scaling up of the project continues beyond 2023. In the long run, creation of diversified crop options and increase in use of sustainable agriculture practices will lead to a reduction in time spent by surveyed community members in wild species collection in the PVHS.

As a further result, the incidence of fires is expected to reduce across the PVHS over the three years of the project. Moreover, local communities will benefit from reduced threat to farms and houses by out-of-control fires.

Development of nurseries for propagation, direct employment of at least 20 community members and engagement of community members in planting threatened tree species and native fruit trees will create an explicit link between employment/income opportunities and management of the forest by local communities. Public awareness of sustainable harvesting practices and agreements with communities for access to community resources will further instil biodiversity values. Nurseries will also act as long-term demonstration and training facilities for horticultural, botanical and agroforestry-based activities providing sustained opportunities for skill transfer from NAPV staff to community members as well as between community members.

In the longer term, populations of at least 5 threatened tree species including *Dalbergia cochinchinensis* (VU), *D. oliveri* (EN), *Pterocarpus macrocarpus* (EN), *Azizia xylocarpa* (EN) and *Dialium cochinchinense* (NT) will be bolstered through a 90% increased survival rate from pre-project levels in the reforestation areas. Natural and assisted regeneration processes of the target species will be better understood whilst new knowledge gained will be applied to species and habitat recovery efforts. Ecological restoration guidance and best practice developed during the project will be reflected in NAPV's strategic plans to be used by staff beyond the life of the project. Local people will better understand the link between the forest and their income. This dependency will form the basis of formal, community-based participative management of the forest.

## Q18. 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.**

Local communities in the PVHS are currently relying on opportunistic exploitation of the forest with little or no knowledge of sustainable management options such as cultivation of local species. In addition, employment opportunities related to forest conservation and management are limited. As a result, for local communities, there is no clear link between conserving and managing the forest sustainably, and improved income and livelihoods. Under this project, the partners will:

1. Understand the local social, environmental and market conditions to allow for sustainable agricultural and conservation practices;
2. Build capacity of community leaders and members in skills related to producing and marketing sustainably generated products;
3. Develop restoration and species recovery plans for threatened tree species and provide enhanced employment opportunities for local villagers in forest restoration and sustainable management, and;
4. Develop formal agreements between the authorities and village leaders that link forest conservation and management to the income opportunities above.

The medium- and long term impact generated by new income opportunities, improved practices as well as community agreements linked to forest protection, will be greater participative management and lasting offtake by the local community, leading to improved livelihoods and biodiversity conservation.

## Q19. Exit Strategy

**State whether or not the project will reach a stable and sustainable end point. If the project is not**

**discrete, but is part of a progressive approach, give details of the exit strategy and show how relevant activities will be continued to secure the benefits from the project. Where individuals receive advanced training, for example, what will happen should that individual leave?**

This project will change attitudes and approaches to agriculture, forest restoration and biodiversity conservation which will impact practices beyond the life of the project. Training in sustainable agriculture, resilient small-scale business development and restoration planting will provide skills at multiple levels to ensure continued and expanded learning and implementation of tested practices. The training sessions will reach both community leaders and members as well as long-term NAPV staff who ensure that best practice applies to multiple communities and there is uptake across the entire PVHS.

Newly established nurseries run by trained staff will provide long-term facilities for continued capacity building beyond the life of the project by drawing on and sharing of lessons learnt in horticultural and agroforestry practices.

The development of market options and resilient sustainable practices through crop and tree diversification which provide short, medium and long-term benefits for food and nutritional security as well as income and economic stability during commodity price fluctuations, will take into account predictions of changing climate conditions to prepare for environmental hazards and provide opportunities into the future.

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

*No Response*

## **Section 9 - Existing works, Ethics & Safeguarding**

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### **Q20a. Harmonisation**

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

**Please give details.**

This project builds on existing work but with the added dimension of mobilising international expertise. NAPV is currently running a livelihood project working with two communities and plans to expand to other villages in the following years on aquaculture. NAPV plans to develop a centre to buy organic products from farmers for sale to markets in Phnom Penh and/or Siem Reap. Advanced skills in agriculture and agroforestry as well as small-scale enterprise development are however needed to further sustainable livelihoods of the local communities of the NAPV and provide added value to farmers' products. Additionally, the NAPV has been carrying out restoration plantings, which will be scaled up targeting some of the most threatened tree species (see Q17.), and strategically improved through monitoring and evaluation, as well as through guidance drawn from species and habitat recovery expertise facilitated via BGCI's global network of ecological restoration practitioners.

In addition, the native plant species that this project focuses on are known to be useful but are currently rarely cultivated in PVHS, and have local market potential. For example, *Dialium cochinchinense* (velvet tamarind, Near Threatened) is processed, bottled and sold in Vietnam, whilst fruits of *Phyllanthus emblica* have high market demand in Thailand.

**Q20b. Are you aware of any other individuals/organisations/projects carrying out or applying for funding for similar work?**

Yes

**Please give details explaining similarities and differences. Explain how your work will be additional to this work and what attempts have been/will be made to co-operate with and learn lessons from such work for mutual benefits.**

The objectives of this proposal are complementary to a number of initiatives ongoing elsewhere in Cambodia funded, amongst others, by the Darwin Initiative (e.g. Ref: 24023; 24028; 25005; 25023), and aiming to build capacity for collaborative conservation management and improving local livelihoods. Lead organisations of current initiatives will be invited to the project inception workshop. Contacts with these will be maintained throughout the duration of the project to inform them about progress and to incorporate lessons they have learnt, particularly as regards best practice in value chain development and threatened tree (especially *Dalbergia*) propagation and conservation.

## **Q21. Ethics**

**Outline your approach to meeting the Darwin Initiative's key principles for research ethics as outlined in the [Guidance](#).**

This project will uphold all legal and ethical obligations of both the United Kingdom and Cambodia including relevant access and benefit sharing legislation pertaining to the utilisation of genetic resources and associated traditional knowledge. The project involves leadership from Cambodia through both the project management and staff at NAPV as well as community leaders of the Sra'aem Commune Council. These local communities have been directly involved in project development, and activities will ensure that needs and knowledge of the local people are addressed during the project. The rights, privacy, and safety of people who are the subject of socio-economic surveys and other research will be respected and Prior Informed Consent (PIC) will be obtained for project activities within the PVHS, including studies on soil and environmental conditions, establishment of restoration study plots and restoration planting. The Project Steering Committee will ensure that the health and safety of all staff working full and part time on the project are protected and that all outputs fully credit project participants.

## **Q22. 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 project will uphold a zero-tolerance policy for corruption. All project partners, contractors, and other parties involved in the project, from UK, Cambodia, Vietnam, Indonesia and Philippines have been and will be vetted and concerns will be openly communicated to ensure transparency in project procedures. Project Steering Committee members will communicate frequently to discuss and quickly deal with any issues which arise during the project.

## **Q23. 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:**

<b>We have a safeguarding policy, which includes a statement of your commitment to safeguarding and a zero tolerance statement on bullying, harassment and sexual exploitation and abuse</b>	Checked
<b>We keep a detailed register of safeguarding issues raised and how they were dealt with</b>	Checked
<b>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</b>	Checked
<b>We have shared our safeguarding policy with downstream partners</b>	Checked
<b>We have a whistle-blowing policy which protects whistle blowers from reprisals and includes clear processes for dealing with concerns raised</b>	Checked
<b>We have a Code of Conduct in place 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</b>	Checked

## Section 10 - Funding and Budget

### Q24. Funding and 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.**

 [FinalBGCI R26 Darwin Budget over 100K](#)  
 05/12/2019  
 03:14:46  
 xlsx 63.55 KB

### Q25. Value for Money

**Please explain how you worked out your budget and how you will provide value for money through managing a cost effective and efficient project. You should also discuss any significant assumptions you have made when working out your budget.**

Full involvement of the project partners ICRAF and NAPV was ensured in development of the project budget. All contracts for contractors will be developed and signed prior to project work and detailed budgets for training courses and workshops will be created prior to each event. Project steering committee meetings will include budget reviews with project managers from BGCI, ICRAF and Cambodia. Finance reports will be reviewed during regular quarterly meetings between the BGCI Project Leader, Project Manager and BGCI's Head of Finance. During meetings, accounts will be reviewed, any discrepancies in expenditure will be investigated and approaches to address issues will be agreed.

In-kind staff contributions are committed from BGCI, ICRAF and NAPV and The National Authority of Preah Vihear (NAPV) will also make in-kind contributions including office space, rent and equipment.

The budget was prepared using a 3% inflation factor for years 2 and 3 for salaries.

## 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.**

Capital costs are minimal for this project and activities will largely rely on the use of existing infrastructure and vehicles. Nursery infrastructure, composting equipment and the irrigation weir put into place during the project will be effectively managed by NAPV for tree production, training in horticulture and agriculture of community members as well as compost distribution to them. Shared access to community members engaged in sustainable activities initiated during the project will be managed by NAPV beyond the duration of this project.

## Q27. Match funding (co-financing)

**Are you proposing co-financing?**

Yes

### Q27a. 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
BGCI	██████	GBP	Project leader staff time
NAPV	██████	GBP	NAPV staff time contribution and national travel
ICRAF	██████	GBP	ICRAF staff time and consultant contribution
<i>No Response</i>	0	<i>No Response</i>	<i>No Response</i>

## Q27b. Unsecured

**Provide details of any matched funding where an application has been submitted, or that you intend applying for during the course of the project. This could include matched funding 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
26 June 2019	Prince Albert II of Monaco Foundation	██████	GBP	Not decided yet, for nursery development, botanic garden planning; activities would only be funded from 2021 onward.
01 January 2020	Angkor Trust Foundation	██████	GBP	Annual application by NAPV for of forest restoration, nursery and livelihood development
<i>No Response</i>	<i>No Response</i>	0	<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>	0	<i>No Response</i>	<i>No Response</i>

**Do you require more fields?**

No

## Section 11 - Open Access and Financial Risk Management

### Q28. 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.**

All project reports, training materials, publications and articles will be open access and made available through the Darwin Initiative website as appropriate, as well as on BGCI and ICRAF websites. Electronic and print copies of training materials will be made available to the NAPV and local government departments with minimal project funds requested for printing.

Research articles and technical reports from Outputs 1 and 2 will be published in open access publications at the expense of project partners.

## Q29. Financial Risk Management

**Explain how you have considered the risks and threats that may be relevant to the success of this project, including the risks of fraud or bribery.**

Risks will be minimized through careful management by the Project Steering Committee with experience working in Cambodia. As with the procedures highlighted above to rule out corruption (see Q22.) and ensure financial transparency, contractors and other project participants will be carefully considered prior to engagement with the project.

## Section 12 - Logical Framework

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### Q30. Logical Framework

Darwin projects will be required to report against their progress towards their expected Outputs and Outcome if funded. 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.

#### **Impact:**

Community-based forest conservation is linked to sustainable farming practices and diverse income opportunities throughout Cambodian communes and elsewhere in the region.

<b>Project summary</b>	<b>Measurable Indicators</b>	<b>Means of verification</b>	<b>Important Assumptions</b>
------------------------	------------------------------	------------------------------	------------------------------

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**Outcome:**

Forest degradation and threats to native plant diversity are decreased through improved and diversified livelihoods linked to forest conservation for local communities of the Preah Vihear Heritage Site.

0.1 100 households are reporting cultivation of at least one new high value crop and 150 households report at least 10% increase in monthly income between start of project (2020) and end (2023)

0.2 At least 30 PVHS community members are employed in nursery management, tree planting and restoration activities by end of the project 2023

0.3 The number of days annually spent collecting wild plant species for subsistence and income generation reported by community members decrease by 20% between start of project 2020 and end 2023

0.4 The number of fires observed and reported in protected forest areas is reduced by 20% between pre-project numbers and end of project (2023) and 90% of threatened tree seedlings planted in restoration areas survive at end of project

0.1 Socio-economic survey reports for 2020 and 2023

0.1b Agroforestry and Agribusiness training course attendance records; reports and evaluation forms

0.2 Nursery employment and production records

0.3 Land use characterization baseline and end project reports

0.4a NAPV fire records

0.4b Implementation of Forest Restoration Plan; field tree planting and survival records; restoration plot survey monitoring

Local communities and authorities open to participation in project activities and training opportunities (The Sra'aem Commune Council and community leaders are a project partner and have indicated their willingness to participate)

Mother trees of quality planting materials and viable propagules are available and identified for home gardens, agro-forestry and restoration activities (some species don't produce seed every year)

**Output 1:**

The value of the forest and forest products to local livelihoods in the PVHS are assessed and understood and local ecological and market conditions for implementation of agroforestry practices are established

1.1 Surveys of socio-economic and livelihood systems, farming systems, forest and wild plant use in PVHS communities collected at baseline (2020) and end of project (2023) will be used to inform agroforestry and agribusiness planning and implementation

1.2 Land-suitability analysis conducted for selected tree species and participatory mapping of vulnerable sites used to identify suitable sites for agroforestry development in year 1 (2020)

1.3 A report produced on market opportunities and value chain for key agroforestry and NTFP products from the region in year 1 (2020)

1.4 Market opportunities created for at least 4 crop species by end of year 3 (2023), and agroforestry models developed and guidance documents produced by project partners by end of year 1 (2020)

1.1a Baseline and end of project socio-economic survey reports in 2020 and 2023

1.1b Income reports and employment records

1.2 Results of participatory mapping of vulnerable areas within the four sample villages; characterization of preferred perennial and annual crops species by farmers and local stakeholders; characterization of successful agroforestry practices within the sample villages as options for recommendation; and land suitability analysis for selected tree species

1.3 Results of analysis of market opportunities and value chain of selected products

1.4 Adopted market guidance and agroforestry models by community members

Community members are co-operative and receptive to new methodologies and approaches

Spatial and other data is available and accurate for use in land-suitability analysis

**Output 2:**

Capacity of local communities to implement conservation farming and sustainable agroforestry systems and income derived from market-based, small scale businesses is increased in local PVHS communities

2.1 At least 40 community leaders from engaged in train-the-trainer mentorship group in years 1 and 2 (2020, 2021) and are facilitating further training sessions in years 2 and 3 (2021, 2022)

2.2 At least 200 people (40% women) are trained in sustainable agricultural practices for high-value crops and small business development by end of year 3 (2023)

2.3 By end of project (2023) 100 households are reporting cultivation of at least one new high value crop and 150 households report at least 10% increase in monthly income from crops and trees compared to the start of the project (2020)

2.4 Regional recommendations on agroforestry practices and small scale business practices for buffer communities of protected areas are produced and circulated to regional and national policy stakeholders

2.1&2 Training materials adopted by NAPV/agriculture extension officers and community members

2.3a Established agroforestry plots and plans for small scale business initiatives

2.3b Propagation protocols; published trial results; report on market opportunities for selected products

2.3c Socio economic survey results (see Output 1)

2.3d Cultivation records

2.4 Regional level recommendations accessible to policy stakeholders

Community members are co-operative and receptive to new methodologies and approaches

Viable propagules are available for home gardens, agro-forestry and restoration activities (some species won't produce seed every year)

**Output 3:**

Survival of threatened tree species through species recovery plantings, forest restoration activities and related forest management employment opportunities for local people are increased within the PVHS

3.1 Two new threatened tree nurseries are built with 20,000 seedling capacity total by the end of year 2 (2022)

3.2 Forest restoration plan developed by NAPV and BGCI to include natural regeneration and assisted regeneration activities by end of year 2 (2022)

3.3 Ten community members employed in leadership positions in nurseries by end of project (2023)

3.4 At least 20 community members are employed in tree planting and maintenance activities (500% increase compared to pre-project) by end of year 3 (2023)

3.5 Restoration plot studies of threatened tree species established in year 1 and re-surveyed in years 2 and 3 clarify requirements for species recovery, and survival of seedlings planted in restoration areas is 90%

3.6 15,000 trees planted (130% increase compared to pre-project) including at least 5 threatened species (see Q17.) by end of project (2023)

3.1 Nursery production records

3.2 Endorsed Forest Restoration Plan by NAPV management

3.3 NAPV employment records

3.4 Employment records; tree planting and survival records

3.5 Restoration survey records

3.6 Tree planting and survival records

Extreme drought events will not occur or greatly impact nursery or planted trees

Grazing pressure from released livestock will not impact planted trees

Seed produced by mother trees is sufficient for seedling production

<b>Output 4:</b> Forest conservation and livelihood opportunities are linked through management plans, and perceptions of benefits of forest conservation to livelihoods is increased while harmful activities are decreased	4.1 80% of respondents report increased perceptions of the importance of conserving forest following education programmes by project end (2023)	4.1a Education materials shared with communities	All communities will see the benefits of forest conservation and are willing to contribute to forest management plans
		4.1b Results of surveys on livelihood systems and forest use (output 1)	
	4.2 Participative forest management plans developed with management authorities in 4 villages by end of year 3(2023)	4.2 Endorsed forest restoration and management plans by NAPV and communities	
		4.3 NAPV fire monitoring records	
	4.3 Number of fires reported by NAPV ranger staff in restoration areas decreased by 20% by project end (2023) compared to pre project baseline levels	4.4 Results of surveys on livelihood systems and forest use (Output 1)	
	4.4 150 households are reporting 20% reduction in days spent in NTFP collection between year 1 and year 3 (2023)		

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<b>Output 5:</b>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>
<i>No Response</i>			

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**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.**

- 0.1 Establish project steering committee to guide project activities, monitor progress and adaptively manage project
- 1.1 Design and conduct surveys in year 1 and year 3 to characterize and measure the impacts of project on socio-economic systems and wild plant use
- 1.2 Characterize successful local agroforestry practices in the four sample villages with relatively similar

biophysical and climatic condition, as options for agroforestry models for interventions

1.3 Conduct land suitability analysis for selected tree species combined with the participatory maps of vulnerability level, to identify suitable area for agroforestry development

1.4 Design and conduct study on market opportunities and value chain for key agroforestry and NTFP products from the region in year 1

1.5 Develop recommended agroforestry models for trials, including benefit-cost analysis

2.1 Develop training materials and programs (on agroforestry system development, rural market system development, small-scale business development) for training of trainers and pilot farmers

2.2 Design market-based conservation farming and agroforestry on-farm trials/ demonstration plots for training

2.3 Provide TOT trainings for villages leaders/ local officials (40 participants) and on-site trainings for 200 community members on market, small-scale business development, conservation farming and agroforestry

2.4 Provide on-going support for establishment and maintenance of on-farm trials for sustainable agroforestry in pilot households through year 2 and 3

2.5 Provide on-going support for market linkages and small business development for pilot households throughout year 1 and 3

2.6 Policy recommendations on agroforestry and small-scale business developed and published by end of year 3

3.1 Two nurseries built with 20,000 seedling capacity with required supplies by end of year 2

3.2 Employees recruited and contracts signed with NAPV for managers and staff of nurseries by end of year 1

3.3 Contract for restoration consultant developed and signed in year 1

3.4 Workshops to develop and implement restoration plan for NAPV with guidance of consultant and BGCI in years 1, 2 and 3

3.5 Restoration surveys designed and carried out in year 1 and species survival plots established in year 1 and monitored in years 2 and 3

3.6 Plant 15,000 trees over years 1, 2 and 3, and implement aftercare

4.1 Run a public outreach campaign to strengthen links between forest conservation and livelihood opportunities in years 1, 2 and 3

4.2 Hold forest management plan meetings between NAPV and community members held and plan developed by end of year 3

4.3 Monitor fire events and forest use practices over years 1, 2 and 3

## Section 13 - Implementation Timetable

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### **Q31. 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.

- 
-  [Final BGCI Stage 2 - Implementation Timetable](#)
  -  05/12/2019
  -  03:49:14
  -  xlsx 13.52 KB

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## Section 14 - Monitoring and Evaluation

### Q32. Monitoring and evaluation (M&E) plan

**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](#)).**

The Project Steering Committee will be the main body carrying out M&E during the project. Committee meetings will be held every 6 months to review progress, address issues and adapt project activities as appropriate.

Baseline data collected will be collected in year 1 by the NAPV community development officer on socio-economic conditions (Output 1) and will be reassessed in year 3. Baseline soil conditions will be assessed in pre-treatment areas as well as control and post-treatment areas by the ICRAF soils assessment consultant in years 1 and 3. Knowledge levels, environmental conditions and socio-economic development data will be used to develop training information which will target the local conditions in the Preah Vihear communities. Mentoring groups (Output 2) between ICRAF, BGCI and NAPV and the local community leaders will allow for regular feedback on training, practices implemented and updating/adjustment on training content. A monitoring plan, as part of the restoration plan for NAPV will be developed (Output 3) ensuring adaptive management during restoration workshops in years 1, 2 and 3.

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

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**Number of days planned for M&E** 110

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**Percentage of total project budget set aside for M&E (%)** 8

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## Section 15 - FCO Notifications

### Q33. FCO Notifications

**Please state whether there are sensitivities that the Foreign and Commonwealth 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)

## Section 16 - Certification

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### Q34. Certification

**On behalf of the**

Trustees

**of**

Botanic Gardens Conservation International

**I apply for a grant of**

£265,650.00

**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**

Joachim Gratzfeld

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**Position in the organisation**


Director of Regional Programmes


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**Signature (please upload e-signature)**

 [JGratzfeld Esig](#)

 05/12/2019

 03:53:19

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## Section 17 - Submission Checklist

### Checklist for submission

	<b>Check</b>
<b>I have read the Guidance, including "Guidance Notes for Applicants" and "Finance Guidance".</b>	Checked
<b>I have read, and can meet, the current Terms and Conditions for this fund.</b>	Checked
<b>I have provided actual start and end dates for the project.</b>	Checked
<b>I have provided my budget based on UK government financial years i.e. 1 April - 31 March and in GBP.</b>	Checked
<b>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.</b>	Checked
<b>The application been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).</b>	Checked
<b>I have included a 1 page CV or job description for all the key project personnel identified at Question 10, including the Project Leader, or provided an explanation of why not.</b>	Checked
<b>I have included a letter of support from the the Lead Organisation and main partner organisation(s) identified at Question 9, or an explanation of why not.</b>	Checked
<b>I have included a cover letter from the Lead Organisation, outlining how any feedback received at Stage 1 has been addressed where relevant.</b>	Checked
<b>I have been in contact with the FCO in the project country/ies and have included any evidence of this. If not, I have provided an explanation of why not.</b>	Checked
<b>I have included a signed copy of the last 2 annual report and accounts for the Lead Organisation, or provided an explanation if not.</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 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).