

Applicant: **Hayward, Emma**
Organisation: **Send a Cow**
Funding Sought: **£10,000.00**

DIR25PP\100045

Regeneration and Enhanced Agro-biodiversity in Petauke (REAP)

Section 1 - Contact Details

PRIMARY APPLICANT DETAILS

Title Miss
Name Emma
Surname Hayward
Tel (Work) [REDACTED]
Email (Work) [REDACTED]
Address [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

CONTACT DETAILS

Title Mrs
Name Sheila
Surname Halder
Tel [REDACTED]
Email [REDACTED]
Address [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

GMS ORGANISATION

Type	Organisation
Name	Send a Cow
Phone	[REDACTED]
Email	[REDACTED]
Website	[REDACTED]
Address	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

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

No Response

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

No Response

Please add any 'Conditions' to the field below:

No Response

Please add any 'Positive Feedback to the field below:

No Response

Section 2 - Title & Location

Q3. Working title of the proposed Darwin project

Regeneration and Enhanced Agro-biodiversity in Petauke (REAP)

Q4a. Host country (of proposed Partnership Project trip)

Zambia

Q4b. Other collaborating country/ies

None

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	Halder	Hayward
Forename(s)	Sheila	Emma
Post held	Farm Systems Coordinator	Programme Funding Executive
Department	International Programmes	Programme Funding
Telephone/Skype	██████████	██████████
Email	████████████████████	████████████████████
Country travelling from	██	██
Have you included an one page CV?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> Yes

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

📄 [Emma Hayward CV November 2018](#)

📅 09/11/2018

🕒 14:04:29

📄 docx 19.81 KB

📄 [Sheila Halder CV November 2018](#)

📅 09/11/2018

🕒 14:04:18

📄 docx 19.79 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.

SAC has 30 years' experience of giving rural communities and families the hope and means to secure their own futures from the land.

Farmer Managed Natural Regeneration – We train farmers in sustainable organic agriculture so they can replenish, improve and diversify their natural resources and counteract the diminishing returns of degraded land. By enhancing their environment's biodiversity, SAC farmers sustainably improve soil, plant and animal health, which leads to increased food production: 93% people in a recent SAC Burundi project achieved food security (baseline 25%).

Gender Equality – We help families develop a shared vision for their farms and homes, supporting women in particular to raise their aspirations beyond subsistence farming. We help husbands and wives work out how best to share workloads and decision-making so they can achieve their vision together: 89% women in Kenya reported playing a more prominent role in household decision-making after SAC training (baseline 36%).

Enterprise Development – We teach families how to store and process surplus produce and bring them together with other producers to bulk their goods so they attract the best possible market prices and increase their income: average annual income in a SAC Ethiopia project increased from £■■■ to £■■■

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.

📄 [Darwin Partnerships Project 2019 SAC Letter of Support](#)

📅 09/11/2018

🕒 14:19:05

📄 pdf 130.86 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:	Send a Cow Zambia (SACZ)
Website address:	www.sendacow.org/countries/zambia
Details of anticipated roles and responsibilities:	SACZ will coordinate the Partnership Project programme: arranging logistics for site visits and workshops; managing the Partnership Project budget and making payments; setting up meetings; making introductions between project partners and local stakeholders; leading the participatory context analysis activities. They will also participate in skills building and project design workshops.
Expertise in sustainable use or conservation of biodiversity and/or development:	See Q7a.
Name of main contact point and post held:	Jack Bbabbi – Programme Funding Manager
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:	Total LandCare (TLC)
Website address:	www.totallandcare.org
Details of anticipated roles and responsibilities:	TLC will bring an agro-biodiversity and climate-resilient agriculture perspective to the Partnership Project. They will participate in site visits and meetings and introduce project partners to relevant stakeholders. They will facilitate context analysis activities and contribute to developing a report. They will participate in skills building and project design workshops.

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

TLC specialises in agro-biodiversity with a mission to support smallholder farmers to build their resilience to climate change and therefore improve their livelihoods and standards of living. TLC has particular expertise in:

- Community-centred evaluation of land-use practices and identification of crops and livestock that are best suited to specific agro-ecologies and community interests
- Farm diversification to reduce risk and vulnerability to erratic rainfall and climate change
- Tree and woodland management to encourage the regeneration and restoration of biodiversity and the sustainable use of forest products
- Adaptation of crop varieties to local conditions and biocontrol of diseases, weeds and pests
- Promotion of sound agronomic and cultural practices for land and water management
- Affordable, energy-efficient irrigation systems

Name of main contact point and post held:

Halimu Malumo, Country Manager (Zambia)

Have you included a letter of support from this organisation?

Yes

3. Partner Name:

Jacana

Website address:

<https://jacana.help>

Details of anticipated roles and responsibilities:

Jacana will bring perspectives on water security and enterprise development to the Partnership Project. They will participate in site visits and meetings and introduce project partners to relevant stakeholders. They will facilitate context analysis activities and contribute to developing a report. They will participate in skills building and design workshops.

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

Jacana's expertise lies both in the revitalisation of land degraded by lack of water and in ensuring that drought-susceptible communities have year-round access to water.

Jacana staff are specialists in ground water recharge, encouraging rural communities to plant trees and grasses and build contour canals to channel rainwater into the ground. They also promote simple, low-cost tube recharge systems to prevent surface run-off and evaporation of rainwater. This water conservation results in an increase in plant life, which in turn improves insect and bird biodiversity.

In addition, Jacana operates Zambia's only SMART (Simple, Market-based, Affordable, Repairable Technologies) Centre. Through this centre, small-scale entrepreneurs participate in a technical training programme, learning how to drill and line boreholes and produce low-cost, repairable water pumps. They also develop business skills so they can generate income from water-based enterprises, marketing their technical services to their communities.

Thanks to the affordability and local availability of these services and technologies, families are able to install privately owned pumps. In this way, access to water for both domestic and productive use improves dramatically and women and girls' workloads are reduced as they spend less time collecting water from distant community water points.

Name of main contact point and post held:

Rik Haanen – SMART Centre Manager

Have you included a letter of support from this organisation?

Yes

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.

 **Darwin Partnership Project 2019 Partner Letters of Support**

 12/11/2018

 12:26:22

 pdf 1.18 MB

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?

SAC is currently managing active programmes in 6 countries in East and Southern Africa. These programmes are funded through a combination of restricted grants and gifts from a range of donors and contributions from SAC's unrestricted reserve funds. All of our secured and forecast unrestricted reserves for the financial year 2018-19 (01.07.18 – 30.06.19) have been allocated to match fund our committed work, where grants and gifts do not cover the full costs. Therefore any new work (such as this Partnership Project) will require alternative funding from an external source.

Match funding will not be provided for the Partnership Project but we will endeavour to seek match funding for any resultant Darwin project.

Q11. Concept note for the Partnership Project

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

- **objectives of the visit**
- **what work (including research, remote communications or other collaborations) has been carried out prior to applying for this project**
- **what work will be carried out under the 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 objectives of the visit are:

- To establish working relationships between project partners
- To identify solutions to key challenges faced by the community in the project location
- To gain support of the District authorities and other stakeholders for the scoping activities and the resultant project
- To build the capacity of project partners in project and proposal development
- To develop a draft project outline, logframe and budget

In order to achieve these objectives, the project partners intend to:

- Conduct a stakeholder analysis and hold a series of rapport-building meetings and key informant interviews at District and community level
- Visit the site to understand the topography and ecology of the area and the logistics of working there
- Carry out a participatory context analysis and develop a Theory of Change with the community in the project location
- Develop a comprehensive report to document the findings of the context analysis
- Participate in a partnership development workshop to assess joint organisational capacity to deliver and manage the resultant project, agree roles and responsibilities and draw up terms of reference
- Take part in a skills building workshop to understand how to develop project outlines and logframes and fully-costed budgets
- Participate in a project design workshop to work up a draft project outline and budget, using the community's Theory of Change

Prior to applying for this project, SACZ has had initial discussions with both TLC and Jacana to identify mutual areas of interest and complementarity of approach. Following agreement in principle to collaborate on programme delivery, SACZ has informed both partners of the potential funding opportunity presented by the Darwin Initiative and all three organisations have agreed to explore this opportunity together (see letters of support submitted with this application).

SACZ has been implementing a project in the ward neighbouring the proposed project location since 2016 and has therefore developed a strong understanding of the socio-economic challenges faced by communities in the wider area and identified effective solutions. It has also fostered positive relationships with the local authorities, gaining their support for project activities and building the capacity of some of their staff.

In March 2018 SACZ carried out a preliminary context analysis in the proposed project area, at the request of the Ward Councillor, to evaluate the potential to expand its work. As the analysis revealed a high degree of environmental degradation and food and water insecurity, caused by mono-cropping and poor natural resource management, SACZ concluded that it has a role to play and committed itself to seeking funding to develop a new project.

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.**

Zambia is the world's 5th hungriest country and the 2nd hungriest in S. Africa. 43% of children <5 in E. Province are stunted. Food production in E. Province is severely hampered by widespread environmental degradation caused by climate change, deforestation, chemically controlled mono-cropping and high numbers of free-ranging livestock.

The resultant Darwin project would support smallholder farming families in Mbala Ward of Petauke District to enhance their food security by increasing agro-biodiversity.

After 3 years, the project participants would have increased knowledge and skills to develop integrated crop and livestock farm systems (Output 1). SACZ would support farmers to work within and towards healthy biological systems, where crops, plants, insects and animals work together to improve soil ecology without the need for damaging chemical fertilisers.

At project completion, the target community would also have increased knowledge and skills to manage their biological resources sustainably (Output 2). TLC would advise them on diversification and adaptation of crop varieties, biocontrol of crop and livestock pests and agroforestry so that their production can withstand the negative effects of climate change.

Output 3 of the resultant Darwin project would be improved access to reliable water sources. Jacana would support the establishment of water-based enterprises so that entrepreneurs can make a living and families can buy affordable, easily repairable hand pumps that supply water for domestic and productive use.

Gender equality would be mainstreamed across all project outputs.

The project would contribute to the CBD and ITPGRFA by supporting rural communities to rehabilitate and restore a degraded area where biological diversity has been reduced. Smallholder farming families would move away from chemically controlled mono-cropping towards mixed agro-ecosystems that improve soil ecology and incorporate a range of local and locally adapted crop and livestock varieties and species. Furthermore, through TLC's collaboration with ICIPE, the project would introduce biocontrol of invasive diseases, weeds and pests. Project staff would pay special attention to the preservation of traditional cultural practices and customary knowledge and use of biological resources, while ensuring their conservation and sustainable use.

The project would contribute to sustainable development in Zambia by: helping families escape poverty through securing livelihoods and building social and economic resilience; improving access to a reliable supply of nutritious food through enhanced agricultural productivity; promoting women's agency and addressing inequalities in workloads, decision-making and resource allocation; supporting farmers to adapt to and mitigate against the effects of climate change; encouraging communities to value biodiversity and protect their biological resources.

SAC would have a coordinating role in the project, providing technical backstopping, impact analysis and grant management functions and supporting the SACZ team to manage project delivery, monitoring and accounting. SACZ would lead on project implementation, monitoring and evaluation, development of financial and narrative reports and management of the project partnership. TLC & Jacana would deliver agreed project activities and support SACZ with monitoring, evaluation and reporting. Sheila Halder would be the project's main contact point and take overall responsibility for project delivery and quality. Emma Hayward would take responsibility for grant compliance.

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)	£ 10,000.00

Workshop costs

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

1. Skills building workshop – costs include venue hire, meals and refreshments. 5 participants @ £ [REDACTED] per person x 4 days = £ [REDACTED]. Participants will include the workshop facilitator (Emma Hayward), 2 representatives from SACZ and 1 from each other project partner.
2. Project design workshop - costs include venue hire, meals and refreshments. 5 participants @ £ [REDACTED] per person x 4 days = £ [REDACTED]. Participants will include the workshop facilitator (Emma Hayward), 2 representatives from SACZ and 1 from each other project partner.
3. Community meetings including site visits and participatory context analysis – costs cover refreshments for community members taking part in context analysis activities. 50 participants @ £ [REDACTED] per person x 4 days = £ [REDACTED].

Other costs

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

1. Subsistence for project partners (Petauke) – 3 people (2 from SACZ, 1 from TLC) @ £ [REDACTED] (£ [REDACTED] + 1 person (from Jacana) @ £ [REDACTED])
2. Subsistence for project partners (Lusaka) – 1 person (from Jacana) @ £ [REDACTED]
3. Fuel for in-country travel (Lusaka < > Petauke) - 400 litres diesel @ [REDACTED]
4. Stationery, communication and internet [REDACTED]

Section 7 - Timetable & Activities

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

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

Date	Milestone
01 May 2019	START
02 May 2019	Sheila Halder (Main Traveller/Project Leader) arrival in Lusaka Travel to Petauke (project site) – SAC, SACZ, TLC, Jacana
04 May 2019	Partnership building: introductions, organisational overviews, areas of expertise, capacity assessment (financial and human), planning for scoping activities - SAC, SACZ, TLC, Jacana
06 May 2019	Stakeholder mapping and rapport building with local leaders in Mbala Ward Stakeholder meetings with Petauke District officials and other stakeholders identified by local leaders
09 May 2019	Project site visits and informal topographical/ecological survey with local leaders, Ward Councillor and District officials
11 May 2019	Community context analysis - participatory rural appraisal, gender and inclusion analysis, theory of change development and outcome mapping
16 May 2019	Project partners collate, analyse and document data Emma Hayward (Second Traveller) arrival in Lusaka Sheila Halder (Main Traveller) return to UK
18 May 2019	Skills building workshop – developing a Theory of Change, developing and using logframes to monitor and evaluate project outcomes, developing a fully costed project budget
23 May 2019	Project design workshop – using the Theory of Change to draft Darwin project outcome, outputs & activities and project logframe, draft a fully costed budget
28 May 2019	Partnership agreement: defining roles and responsibilities for resultant Darwin project, developing and signing Memorandum of Understanding
29 May 2019	Partnership Project wrap up meeting
<i>No Response</i>	<i>No Response</i>

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

Send a Cow

I apply for a grant of

£10,000.00

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


Position in the organisation Director of Programme Funding

Signature (please upload e-signature)

 **Peg electronic signature**

 09/11/2018

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Date 12 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).