
DIR25S2\100036

Eco-village approach to enhance socio-ecological resilience in Cabo Verde

Marginalization of rural communities leads to difficulties in exploring new income opportunities. This prevents the adoption of sustainable practices in response to threats to local ecosystems. This project will engage vulnerable community members to monitor the health of marine and coastal ecosystems, set up the first Marine Protected Area in Santiago island, introduce the first sustainable rural waste management system and establish an eco-network lead by local women in four coastal villages to support livelihoods through eco-tourism in Cabo Verde.

PRIMARY APPLICANT DETAILS

Title	Mrs
Name	Mara de Castro
Surname	Abu-Raya
Tel (Work)	
Email (Work)	
Address	

Section 1 - Contact Details

PRIMARY APPLICANT DETAILS

Title Mrs
Name Mara de Castro
Surname Abu-Raya
Tel (Work)
Email (Work)
Address

GMS ORGANISATION

Type	Organisation
Name	University of Cabo Verde UNICV
Phone	
Email	
Website	
Address	

Section 2 - Title, Dates & Budget Summary

Q3. Project title:

Eco-village approach to enhance socio-ecological resilience in Cabo Verde

What was your Stage 1 reference number? e.g. DIR25S1\100123

DIR25S1\100552

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.

Country 1	Cape Verde	Country 2	No Response
Country 3	No Response	Country 4	No Response

Do you require more fields?

No

Q5. Project dates

Start date:

01 April 2019

End date:

30 March 2022

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

3 years

Q6. Budget summary

Year:	2019/20	2020/21	2021/22	Total request
Amount:	£91,876.00	£88,496.00	£95,114.00	£ 275,486.00

Q6a. Do you have proposed matched funding arrangements?

Yes

What matched funding arrangements are proposed?

In cash funding was secured from the Environmental Fund, Cabo Verde ; In kind contribution is confirmed by the following institutions: UNICV, ECOCV, CERMI, 350 CV, ADSF, ViaggieMiraggi, DNA . This will cover staff cost, office space, transport equipment, meeting space.

Proposals were submitted to SST, Ministry of Culture (CV) and MAC Interreg 2014-2020 to co-fund activities in Y1 and Y2. Additional in kind contribution is anticipated from target municipalities, LEC. Next year proposals will be submitted to Environmental and Tourism Funds, Cabo Verde to boost the project funding in Y2 and Y3.

Q6b. Proposed (confirmed and unconfirmed) co-financing as % of total project cost 21

Section 3 - Project Summary

Q7. Summary of project

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

Marginalization of rural communities leads to difficulties in exploring new income opportunities. This

prevents the adoption of sustainable practices in response to threats to local ecosystems. This project will engage vulnerable community members to monitor the health of marine and coastal ecosystems, set up the first Marine Protected Area in Santiago island, introduce the first sustainable rural waste management system and establish an eco-network lead by local women in four coastal villages to support livelihoods through eco-tourism in Cabo Verde.

Section 4 - Lead Organisation Summary

Q8. Lead organisation summary

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

No

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

What year was your organisation established/ incorporated/ registered? 01 January 2006

What is the legal status of your organisation? University

How is your organisation currently funded? The University of Cabo Verde is the only public university in the country. It is funded by the national government and supplemented through donations and grants secured independently and/or in collaboration with national and international partners.

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.

No Response

Provide detail of 3 contracts/projects held by the lead organisation that demonstrate your credibility as an organisation and provide track record relevant to the project proposed. These contracts/awards should have been held in the last 5 years and be of a similar size to the grant requested in your Darwin application.

Contract/Project 1 Title SALSA - Small Farms, Small Food Businesses and Sustainable Food Security

Contract Value/Project budget (include currency)

Duration (e.g. 2 years 3 months) 4

Role of organisation in project	n assessment of governance frameworks related to small farmer organization and food chains, which can guide policy development and is aimed at enhancing the contribution of small farms and small food businesses to all four aspects of FNS.
Brief summary of the aims, objectives and outcomes of the project	SALSA aims to provide a better understanding of the current and potential contribution of small farms and food businesses to sustainable food and nutrition security.
Client/independent reference contact details (Name, e-mail, address, phone number)	
Contract/Project 2 Title	Entrepreneurship at Sea: Innovations for the sustainable development of coastal Cabo Verde
Contract Value/Project budget (include currency)	
Duration (e.g. 2 years, 3 months)	1 year and 4 months
Role of organisation in project	UNICV is responsible for creating sustainable programs of marine enterprises focused on developing a comprehensive way to develop marine environment as a generators of wealth for young poeple.
Brief summary of the aims, objectives and outcomes of the project	EMPREAMAR CABO VERDE is a entrepreneurship program for the maritime sector in Cabo Verde that seeks innovations for the sustainable development of coastal communities and aims to contribute to improving the quality of life of people who depend on the maritime economy.
Client/independent reference contact details (Name, e-mail, address, phone number)	
Contract/Project 3 Title	Development of the first Medicine Course for Cabo Verde
Contract Value/Project budget (include currency)	
Duration (e.g. 2 years, 3 months)	5

Role of organisation in project	Taking the principal role in the development of the first course of Medicine in Cabo Verde, including full project cycle management, research, networking, finances, ethics and moral principles for future medics.
Brief summary of the aims, objectives and outcomes of the project.	To create opportunities for young cabo verdeans in the area of health sciences and applied medicine; create strong foundations for the centre of reference and professionalism in the field of medical sciences in Cabo Verde.
Client/independent reference contact details (Name, e-mail, address, phone number)	

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

Aims	UNICV aims to be a centre for the creation, dissemination, promotion of the culture, science, technology and research in the way to develop national human capacity for the strategic and sustainable future of Cabo Verde
Activities	<ul style="list-style-type: none"> - Promote human development in scientific, technical, cultural, educational, social ways - Provide technical support for the development of local communities - Develop cultural, scientific and technical collaborations nationally and internationally -Contribute to the modernisation of educational system in Cabo Verde and regionally. - Grow national scientific capacity.
Achievements	<ul style="list-style-type: none"> - Created and accessible educational platform for the Republic of Cabo Verde - Contributed to the development of national strategies in the areas of science, nature conservation, education and socio-economic development - Significant contribution to the enhancement of the quality of life of local communities through enhanced capacity.

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 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:	University of Cabo Verde UNICV
Website address:	www.unicv.edu.cv
Details (including roles and responsibilities and capacity to engage with the project):	The University of Cape Verde, the only public university in the country, was created by decree-law 53/2006 of 20 November 2006 by merging of three colleges: Institutes of Education, Engineering and Marine Sciences, Administration and Languages (operational since 1995-1998), it has over 5,000 students and over 480 professors. UNICV will lead full implementation, management and reporting of the project. UNICV's researchers and lecturers, marine biologists, sociologists, economists and education specialists, will take lead role in reaching project outputs. Professional expertise will be reinforced by UNICV students from the departments of biology, sociology, economics, language studies, education. With the guidance of project leaders and partners they will support delivery of project activities. UNICV Finance and Communications team will be responsible for the financial management and publication of project objectives and results. University has a wide range of national partners that already agreed to step in in various stages of the project.
Have you included a Letter of Support from this organisation?	<input checked="" type="radio"/> Yes
Have you provided a cover letter to address your Stage 1 feedback?	<input checked="" type="radio"/> Yes

Do you have partners involved in the Project?

Yes

1. Partner Name:	Cabo Verdean Ecotourism Association ECOCV
Website address:	www.ecocv.org

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

Cabo Verdean Ecotourism Association, ECOCV, was created in 2015 by a group of professionals working in various fields from social development, research and tourism to nature conservation, law and banking. The mission is to connect people of various occupations and interests to achieve balance between environment, economy, culture and society through engagement in responsible tourism, sustainable development and nature conservation. The main projects implemented to date include: Development of the marketing plan for the network of MPAs in Maio Island; Eco-tour guide training on Maio and Santiago Islands; Awareness raising on Climate Change adaptation and mitigation for communities; Ecological School project in Praia, Santiago Island; Development of participatory monitoring for conservation of cetacean populations in Cabo Verde; ECOCV has staff and advisors with international experience in the fields of: marine research and conservation, aquaculture, community development, education. The organization works through the wide network of collaborators depending on the scope of the project. ECOCV will take a co-management role to support UNICV activities on the ground, but also will aid with the M&E, reporting and financial management of the project.

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

2. Partner Name: National Directorate of Environment DNA

Website address: www.sia.cv

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

The National Directorate of Environment (DNA) is responsible for the management and conservation of biodiversity of the National Protected Area System and the implementation of the CBD, CMS and CITES in Cabo Verde. DNA will provide technical expertise to the development of the participatory biodiversity monitoring system, M&E, will support the process for the establishment of the first MPA/LMMA on Santiago Island; will coordinate the legal process and requirements for the integration into the National PA System.

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

3. Partner Name: Bangor University, Ocean Science School

Website address: www.bangor.ac.uk

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

Bangor University will engage in analysis of biological and socio-economic data from the artisanal fishery. This will lead to the development of practical indicators that can be used for enhanced self-monitoring of fishing practices. We will also provide input into technical aspects and establishment process of the monitoring of the Marine Protected Area/Locally Managed Area.

Have you included a Letter of Support from this organisation?

Yes

4. Partner Name:

Association for the Development of Sao Francisco ADSF

Website address:

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

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

The ADSF was created in 1994 and its status is published in the II Series of the Official Gazette nº40 of October 03, 1994. It is a non-profit collective entity whose purpose is to contribute to the economic, social and cultural development of the community of San Francisco. ADSF has its headquarters in the locality of San Francisco, rural area on the outskirts of Praia City. ADSF currently has 99 members including 35 men and 64 women. ADSF has developed activities in several sectors, namely Agro-livestock, promotion of income generating activities, support in education and professional training; Basic sanitation construction of reservoirs and water cisterns and streets; Social Housing having already benefited more than 100 families.

ADSF members will provide invaluable support in liaising with the community in Sao Francisco village, will facilitate and lead training, eco route design, waste management system installation under the guidance of national and international experts.

Have you included a Letter of Support from this organisation?

Yes

5. Partner Name:

Civil Movement '350 Cabo Verde'

Website address:

<https://www.facebook.com/350.CV/>

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

Civil Movement for climate justice '350 CV' was created in August 2018, as the preparation for the global march to raise awareness on climate change following the global movement 350.org and The Climate Reality Project (USA). The goal of the movements is to contribute to building a climate change movement in Cabo Verde, movement integrated into the global action, that raises awareness and responsibility of the civil society and our leaders on the reality of the climate science, strengthening principles of justice and developing prevention, mitigation and adaptation measures to co-exist within the changing climate. One of the key objectives is to use practical solutions for the waste management (especially macro plastics) in Cabo Verde.

350 CV has a network of over 50 active members of the society such as former ambassador to the UN, scientists, bankers, artists, journalists, NGOs and private sector. The members of the 350 CV will provide support for the project communication, development of waste management system, fundraising and liaison with the main plastic producing/utilising industries in Cabo Verde.

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

6. Partner Name: 'ViaggieMiraggi'

Website address: www.viaggiemiraggi.org

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

ViaggieMiraggi is a cooperative and tour operator, a network of partners and associations in Italy and around the world created in 1990s and today they travel on 4 continents working with more than 100 local communities in 50 countries, supporting more than 200 social projects and thousands of people.

The organisation will provide support to design the eco network, develop marketing strategies, link and promote the new responsible travel destination to travellers in Italy and other countries.

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

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

The Association of Tour Guides of Santiago and eco tour company 'Cardoso Tours' Cabo Verde
www.facebook.com/CardosoTours

The main objective of the Association is to actively promote sustainable tourism practices on the island of Santiago and ensure quality service to travellers, through the support and training of local tours guides. The President of the Association and the Founders of 'Cardoso Tours' is a qualified tour guide with over 10 years of experience in Santiago Island and Cabo Verde. He and other members of the Association run training for tour guides at the School of Tourism and Hospitality in Praia. They will mobilise active members

of the organization to take part in training and eco-network design, marketing and promotion of the eco-network nationally and through the travel agencies they collaborate.

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

↓ **Letters of Support UNICV Darwin**

📅 02/12/2018

🕒 20:02:08

📄 pdf 3.85 MB

↓ **Cover Letter UniCV**

📅 01/12/2018

🕒 11:12:16

📄 pdf 370.18 KB

Section 6 - Project Staff

Q10. Key project personnel

Please identify the core staff 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. Please include more rows where necessary. These should match the names and roles in the budget spreadsheet.

Name (First name, Surname)	Role	% time on project	CV attached below?
Mara Abu-Raya	Project Leader	15	Checked
Carla Carvalho	socio-economic expertise, gender, M&E	10	Checked
Cassandro Mendes	Socio-economic expertise, financial sustainability, M&E	10	Checked
Rui Freitas	Marine research, MPA, M&E	5	Checked

Do you require more fields?

Yes

Name (First name, Surname)	Role	% time on project	CV attached below?
Edita Magileviciute	project coordination, marine conservation, community development	65	Checked
Miriam Brito	marine research, reporting, M&E	55	Checked
Marina Trentin	Ecotourism, marketing, community development	10	Checked

Please provide 1 page CVs (or job description if yet to be recruited) for the Project staff listed above. Ensure the file is named clearly, consistent with the named individual and role above.

CV 2018 Mara Abu Raya

📅 02/12/2018

🕒 19:58:39

📄 pdf 64.98 KB

CV Marina Trentin

📅 01/12/2018

🕒 11:16:56

📄 pdf 42.51 KB

CV Carla Carvalho

📅 01/12/2018

🕒 11:14:36

📄 pdf 34.34 KB

CV Cassandro Mendes

📅 01/12/2018

🕒 11:14:27

📄 pdf 131.96 KB

CV Rui Freitas

📅 01/12/2018

🕒 11:14:04

📄 pdf 40.71 KB

CV Ronan Roche

📅 01/12/2018

🕒 11:13:53

📄 pdf 59.23 KB

CV Lory Brito

📅 01/12/2018

🕒 11:13:43

📄 pdf 49.36 KB

CV Edita Magileviciute

📅 01/12/2018

🕒 11:13:32

📄 pdf 51.83 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?

Cabo Verde has a poverty rate of 26.6% with higher than average in rural areas. Women head 48% of families with 33% of these being poor; 34% of fishing households live in poverty. Fish is their main source of animal protein with per capita consumption reaching 26.5 kg/yr.

Activities will take place on the capital Santiago Island that has 56% of the country's population. With over 70% living on the coast, the island has no marine protected/managed area while households are highly dependent on decreasing marine resources. Proper waste disposal in rural settlements averages 40% in comparison to 96% in urban area; plastics comprises 28% of all volume.

The project will encompass the coastal village of Sao Francisco (population 930, 62% poverty rate) and three fishing villages: Porto Mosquito, Porto Gouveia and Porto Rincao (population 1,530) where 80-90% of men fish, women sell fish and many struggle to survive on less than 1 GBP/pp/day.

Marginalization of rural communities leads to poor self-efficacy, the lack of opportunities to diversify income, and more importantly, to shift towards more sustainable practices. All this coupled with scarce financial resources and weak communal leadership leads to poor understanding of the links between human activities and biodiversity loss. This intensifies the pressure on local ecosystems from external factors such as climate change. Cumulative negative impacts jeopardise resilience of the entire marine and coastal ecosystem affecting delivery of ecosystem services to the locals.

The project ideas are based on the challenges that the project team is witnessing and experiencing in daily lives. In combination, we have years of experience investigating and addressing various aspects of community development, biodiversity research and conservation in Cabo Verde and Santiago island. Our main goal is to mobilise communities and technical partners to start long overdue actions to address these challenges.

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

📎 **project area**

📅 01/12/2018

🕒 11:21:50

📄 pdf 2.05 MB

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. Note: projects supporting more than one will not achieve a higher score.

- Convention on Biological Diversity (CBD)
- Convention on International Trade in Endangered Species (CITES)
- Convention on the Conservation of Migratory Species of Wild Animals (CMS)

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. Note: No additional significance will be ascribed for projects that report contributions to more than one agreement.

The project contributes to CBD Articles: 1, 6, 7, 8, 10, 11, 12, 13, 17, 21, 22) and Aichi Biodiversity Targets (1, 2, 4, 6, 11, 15, 17, 18). Livelihood diversification activities and work to improve status of natural resources will directly contribute to the CBD's thematic programme on island biodiversity, which emphasises the link between the loss of biodiversity, poverty and sustainable development. This aligns with the commitment of the government of Cabo Verde to contribute towards the achievement of these goals.

This project enhances efforts to reduce disturbance and prey depletion and conserve critical habitats of species listed in CMS Appendix I and II: Loggerhead turtles, oceanic manta rays, humpback whales, sperm whales; and CITES Appendix II: reef and oceanic manta rays, melon-headed whales, and humpback whales.

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

Yes

Please give details:

CBD, CMS and CITES are represented by the National Directorate of Environment (DNA) one of the collaborators of the proposed project. The DNA fully supports the implementation of the project as it is outlined in their Letter of Support.

Q12d. Global Goals for Sustainable Development (SDGs)

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

Goal 1 Target 1.1, 1.2, 1.5 and Goal 5 Target 5.1

Unemployment and under-employment are listed as the root causes of poverty in Cabo Verde. This results in high emigration and disruption of families (mostly males emigrate). Women are left to head households and care for children. Opportunities for acquiring new skills especially in rural areas are very limited with 1 in 3 of such families living in poverty (INE-CV, 2008). Project livelihood diversification activities will target poor households. The project will link the community venture with the promotion of the eco-network as a new tourist destination in Cabo Verde and will test diversified use of available resources.

Goal 12 Targets 12.2 and 12.5

One of the project objectives directly address waste management gaps in the rural locations of Santiago Island with specifically developed actions to introduce domestic waste reduction, reuse or recycling strategies in the four coastal villages that could be replicated on the municipal and island level, or other islands of the archipelago.

Goal 14

Poverty alleviation and sustainable use of marine and coastal resources are intimately linked. Fish is an important food protein especially in fisher households. To support local ecosystems in maintaining and strengthening resilience is highly beneficial for both human and wild ecosystems. More specifically, 14.1 reduction of marine pollution especially originating from land; 14.2 sustainable management of marine ecosystems; 14.4 end of destructive fishing practices; 14.5 contribute to the conservation of at least 10% of coastal and marine areas.

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

Q13. Methodology

Describe the methods and approach you will use to achieve your intended Outcome and Impact.

Provide information on how you will undertake the work (materials and methods) and how you will manage the work (roles and responsibilities, project management tools etc.).

This may be a repeat from Stage 1, but you should update or refine as necessary.

The project contributes to the enhancement of the health of socio-biological environment of local communities through the delivery of the following components: (1) developing long-term biodiversity co-management embedded within local communities; (2) introducing an experimental first-of-its-kind waste management system in rural settlements; (3) setting up conditions for the establishment of the first MPA/LMMA on the largest island of Cabo Verde Archipelago; (4) the development of income generating eco-network to boost empowerment and capacity in marginalised rural communities and raise value of local biodiversity.

(1) The management of the nearshore marine zone will be linked to realistic local capacity. Baseline data of the artisanal fisheries (target species, fishing zones, effort) and non commercial species will be established through interviews with fishers, dedicated surveys and the INDP/DNA databases. Bangor University will lead the analysis on biological and socio-economic levels to identify the progression and actions for the next 3-5 years. Set of feasible indicators will be developed for the self-monitoring of fishing practices and manage impacts on local ecosystem.

(2) To improve living environment and reduce the constant influx of waste into the ocean, a practical set of actions to treat waste produced by the village will be tested. An intensive awareness campaign and practical training will speed up the adoption of efficient waste management. Partnerships with national companies involved in plastic production will be signed to support recycling in the long term. Target zones in the project site will be assessed for microplastics contamination and strategies to address the issue will be developed. Networking including co-financing of activities are in progress (Tecnici Industria; Recyclagem e Servicos Ltd).

(3) Assessment of socio-economic and biological resources will be finalised in the Bay/Baia do Inferno area (around 20 km², designated IBA by BirdLife International) using methodology developed by UNICV and Bangor University. Pre-project surveys conducted by the University of Azores and opportunistic surveys by local partners show a high potential of this Bay as a new MPA/LMMA. Discussion with the government (DNA) has already started, and the project will realise it in practice. Concrete steps are outlined in the Logframe.

(4) The new income generating eco-tourism network will be created linking four target villages. This will include mapping relevant resources, enhancing skills, marketing. This will develop into new eco-travel destination ready to operate by the end of the project. The eco-network design will facilitate its exposure to the tourism market. Interest in eco-network has already been expressed by travel agencies: Girassol Tours (CV), OiCaboVerde (Spain), Viaggiemiraggi(Italy). The Association of Tour Guides of Santiago and Association of Travel Agencies of Santiago will facilitate its integration into the tourism market.

Overall, the project will be implemented using traditional cabo verdean 'djunta mon' (joining hands/helping each other) approach combined with modern technologies such as UAVs for biodiversity monitoring, pollution assessment, mapping cultural and natural resources for the eco-network.

The project will be lead by UNICV with the coordination support of ECOCV, technical support by Bangor

Q14. Change expected

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

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

The success of this project will demonstrate that locally led actions can produce concrete long-term benefits for rural marginalised communities while strengthening the resilience of marine and coastal ecosystems in Cabo Verde.

Short-term change

The project will deliver positive impact for local communities and ecosystems in the area of approximately 250 km² (150 km² marine and 100 km² terrestrial), extending over the three municipalities. The direct beneficiaries will include four communities of Porto Gouveia, Porto Mosquito, Porto Rincao and Sao Francisco (total population 2,400 over 500 households). More than half of these households are led by women/ often single mothers. Project will aim to increase their chances of employment locally and reduce vulnerability on personal and professional levels. At least 30% (80-100 females) will enhance their capacity in biodiversity monitoring, waste management, ecotourism.

Specific set of skills on full project cycle, collaborative biodiversity monitoring and ecotourism operation will be strengthened by the project staff and 30-50 collaborators from national universities (at least 50% women), Tourism and Hospitality School, Association of Tour guides of Santiago (80 members).

By the end of the project four sustainable tourism destinations will be joined by local small businesses/individuals (at least 30-40 small scale entrepreneurs). Partnerships with national and international travel agencies will ensure growth of the network. Eco-centre will be ready to function as an incubator to further advance skills in ecotourism, waste management, biodiversity monitoring.

Baía do Inferno (Hell's Bay) area of 18-20 km² will be developed into the MPA/LMMA depending on the stakeholder agreement. This would be the first marine protected/co-managed area on the largest and the capital island. This will contribute to country's CBD commitment to increase marine area under protection from current baseline of 5,32% to 5,93 %.

Waste treatment system will significantly reduce pollution in the coastal zone of 25-30 km along the coast of Santiago island based on the evaluation of quantitative indicators. Due to the constant winds most of domestic rubbish ends up in the ocean. Waste management will be improved in at least 30% of local households with the direct impact on 800-1000 individuals and local habitats/species (including marine birds, sea turtles, whales, dolphins)

Long-term change

Realistically, 2-3 year period is not sufficient to observed significant quantifiable improvement in the state of marine biodiversity. However, positive trend in artisanal fisheries indicators, quantifiable level of reduced pollution in inshore waters will allow to make impact projection on ecosystems in marine/coastal zone of

the project area.

Overall, this project contributes to the socio-biological resilience of the country to adapt to the pressures of climate change, strengthens democratisation and responsibility of the use of public natural resources, enhances value of non-commercial species, sustainability of the Blue Economy, contributes to the strategic municipal and national plans for sustainable development (PEDS 2018). The eco-village approach will serve as a unique education platform to scale up the use of recyclable products, apply renewable energy, boosts low marine research and conservation capacity in the Sotavento/southern islands of the archipelago.

Q15. Gender

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 gender disaggregated data and what impact your project will have in promoting gender equality.

Project Output 4 and activities specifically targets integration of women, single mothers/heads of households. Socio-economic data and skill/need assessment will be disaggregated by gender/age/education /income categories to build a clearer picture of the situation in the target villages. Data from the National Institute of Statistics will be used to aid the evaluation of the gender challenges on the municipal level.

One of our goals is to reduce women's economic reliance and psychological dependence on men/husbands. Women often accept abusive behaviour by male companions due to the lack of alternative solutions to support their children. Statistics show that gender based violence proliferates in rural Cabo Verde. To break this cycle we will seek to involve as many women as possible in each community in waste recycling operations, eco-centre/eco-village management as a path for self-empowerment. A woman is the main parent in Cabo Verdean household that influences child's development, especially in the villages. Strengthening confidence, capacity and independence of that parent directly influence other 4-6 members of the community. ECOCV social educator has specific experience working with single mothers in Santa Cruz municipality and will apply her practice working with women groups in this project

Another vulnerable group is school drop-outs (majority young males) locally called "nem nem" (meaning 'no school, no work'). The biodiversity training program, new skills in waste management, exposure to sustainable tourism will generate interest and open the new perspective for the future. Links to partner travel agencies in the capital Praia will facilitate chances of joining tourism sector. Local male leaders will be engaged to share their path from the cycle of poverty to boost confidence of these young participants. Several of such professionals have already been identified in the sector of education and tourism and agreed to share their experiences.

Q16. 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?

Cost-efficiency, quality and post-project sustainability are the must: the whole development will serve as a unique education platform to use recyclable products, apply renewable energy, waste treatment and show benefits of healthy ecosystems. This will produce experienced individuals able to replicate the prototype in other locations. The plastic recycling machines will be a viable source to supplement income in the post-project phase. The co-funding through industrial partnerships is planned for the Y2/Y3 to ensure smooth transition to the post project operation.

Part of the income generated by the eco-network will be reinvested to address communal challenges. Enhanced individual skills in small-scale entrepreneurship will strengthen position in the accelerating socio-economic development on the capital island. Partnerships with tourism agencies already started to ensure continuous flux of travellers to the eco-network.

Participatory biodiversity monitoring, as the most feasible solution for marine and coastal monitoring, will be incorporated into the eco-network operation to ensure cost-efficiency. Financial benefits from such monitoring will provide an incentive for the fishers to support the process, including MPA co-management.

The long-term commitment of project partners to co-manage the eco-network will ensure the expertise, refresher training and the quality of the operation in the post-project phase.

Please provide supporting documentation e.g. maps, diagrams etc., using the File Upload below:

↓ **Waste recycling machines Quotes**

📅 02/12/2018

🕒 20:00:28

📄 pdf 692.23 KB

Section 9 - Existing works, Ethics & Safeguarding

Q17a. Harmonisation

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

New Initiative

Q17b. Are you aware of any other individuals/organisations/projects carrying out or applying for funding for similar work?

No

Q18. Ethics

Outline your approach to meeting the Darwin Initiative's key principles for research ethics as outlined in the Guidance.

UNICV policy works to ensure that its research, education and conservation activities do not disadvantage or undermine poor, vulnerable or marginalised people who are dependent upon, or live adjacent to, natural resources, and wherever possible will seek to conserve biodiversity in ways that enhance their wellbeing. One of our objectives is to promote integration of gender in community development, research and conservation for more sustainable future of Cabo Verde.

UNICV, being one of the key education and research institutions in the country, believes conservation solutions lie in local hands and has a policy of promoting participation of, and developing leadership amongst local stakeholders. UNICV supports use of the sustainable livelihoods approach as a theoretical framework and a set of principles to understand the reality and complexity of people's lives and livelihoods. UNICV will support growth of leadership of the newly established eco-network's co-management team and facilitate active participation of local community groups in the enhancement of well-being and conservation initiatives on the island.

It is the policy of UNICV to ensure the health, safety and welfare of all employees working for the

organisation and any other persons who may be affected by its undertakings. The policy is outline in the new statute of the organisation.

http://www.unicv.edu.cv/Normativos/Novos_Estatutos_da_Universidade_de_Cabo_.pdf

Q19. Safeguarding

(see Guidance Note 3.8)

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, we would like projects to ensure they have the appropriate safeguarding policies in place. Please tick the box to confirm you have relevant policies in place and that these can be available on request.

Checked

Section 10 - Biodiversity & Project Information

Q20. 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?

The project has a multi-layered message that incorporates bio-socio-economic aspects on individual, communal, national and international levels: strategies on household waste management in rural locations; establishment of the first MPA/LMMA on the capital island of Santiago; success of the eco-network as a tool to lobby to promote ecotourism initiatives in the rural areas.

Targeted messages will be delivered following this framework:

Audience 1: community members and target groups

Messages: personal responsibility for the waste, health of living environment; opportunities for learning and employment; update on MPA progress; dependence on marine resources; consequence of removal of top predators; overuse of resources; sustainable income options

Media: Meetings, workshops, social surveys, distribution of printed materials, radio sessions, TV programs such as 'Nha Terra Nha Kretxeu', 'Minuto Verde', training and meetings with experts; practical learning experiences.

Audience 2: Government (municipal, national)

Messages: Evidence of success, contribution to national policies and international conventions, potential for replication, national poverty alleviation programmes and ocean related programmes such as Blue Economy, PEDS

Media: Project and survey reports, meetings and site visits, feedback from locals on project progress; recommendations/guidelines towards more sustainable development, MPA proposal.

Audience 3: Tourists/International

Messages: Eco network and eco-villages, activities linked to culture, history and biodiversity of the project; promoting picture of Cabo Verde as contrast to the mass tourism resorts in Sal and Boa Vista islands, contribution to climate change mitigation and development of Blue Economy in Cabo Verde.

Media: information for tour agencies, travel packages to hotels, promotional video, travellers blogs; social

media sites; Darwin Initiative newsletter, Project partner social media sites, and conference presentations, Seven Seas Media Online Magazine, Cabo Verde Magazine (airports/planes).

Audience 4: Funders/Collaborators

Messages: Project progress, evidence of success and challenges, investment and contribution opportunities

Media: Project progress reports, proposals to support further activities; feedback and suggestions

Q21. Capacity building

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

The project activities aim to benefit directly over 2,400 individuals from the following groups:

- The four target villages through the development of new skills (management and assembling of waste recycling machines, participatory biodiversity monitoring and self management of resources, tour guiding, hospitality, small scale entrepreneurship, financial management;
- Students/volunteers/ technical staff from UNICV through experience enhancement (research and monitoring, waste management, plastic utilisation); theory into practice ; at least 10 students/recent graduates will get experience in full project cycle as project assistants.
- University Jean Piaget, University of Santiago, School of Tourism and Hospitality; Professionals from DGRM, DNA, target municipalities, community volunteers in the target villages and capital city of Praia;
- Eco-tourism approach will be introduced to small scale local businesses (at least 25-30) and individuals that will join the eco-network;
- Persons directly involved in the function of the eco-villages/eco-centre and eco-network will improve management skills and function of the components of the network; at least 20-30 local tour guides from Association of Tour guides of Santiago and newly trained guides in the four villages (at least 5-8 per village);
- Domestic and international tourists that will visit the eco-villages will learn participatory monitoring techniques of marine fauna; lifestyle, culture and challenges of the daily life of coastal villagers.

The capacity building process and results will be embedded within numerous individuals and target communities as a whole: local youth, professionals from academic institutions and professional learning centres will acquire practical skills that will allow them to be more competitive and consider local/national employment rather than emigration. Enhanced capacity and active participation during 3-years of project implementation, will strengthen sense of independence among local women (80-100), while regular interactions with female project leaders will allow young local girls to explore more diverse opportunities in life.

Q22. Access to project information

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

The following means of data sharing will be introduced:

- Gmail account will be created and linked to Google drive, Youtube and Facebook pages specifically created for the project to aid information exchange, collect feedback. Materials will be sorted thematically and by access right.
- One project staff member will have responsibility to coordinate communication with project funders, supporters and stakeholders and share project materials.
- Links to project blogs, stories on social media sites such as UNICV, ECOCV, Casa da Ciencia, 350 Cabo Verde, ADSF, ViaggioMiraggii, DNA, and partner travel agencies, will be accessible via online links. Department of Communication and Multimedia of UNICV will provide public relations/communication/

publication assistance.

- Main project materials will be produced in English and Portuguese to make them accessible to an international audience.
- Community communication materials will be produced in English (as a learning tool), Portuguese (written text) or Cabo Verdean Creole (audio/video materials such as radio interviews, a video diary of project progress).
- Project datasets and databases will be regularly backed-up as a Google drive file. Sensitive or non-published data will be accessible after signing data sharing agreement with data owners.
- Project updates for Darwin newsletter will be sent directly in the required format

Section 11 - Logical Framework

Q23. 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:

A novel eco-village approach is developed to boost practical capacity of cabo verdeans for sustainable use and conservation of marine and coastal resources on the capital island of Santiago.

Project summary	Measurable Indicators	Means of verification	Important Assumptions
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Outcome:

A reduced negative environmental footprint, an increased value of biodiversity and enhanced quality of life within coastal communities on the capital island of Santiago, Cabo Verde

0.1 The overuse of commercial marine species reduced and value of non commercial species and habitats increased by at least 30% from the baseline established at the start of the project in the target inshore zones of the project area by the end of Y3.

0.2 General waste and macroplastic waste is managed (reused, reduced, recycled) and treated in at least 30% of households in four coastal villages by the end of the project from the current baseline of 0%.

0.3 Marine and coastal area of at least 20 km² under national and/or local level of protection increased on Santiago Island from the current baseline of 0%.

0.4 Income generating eco tourism network created linking at least four marginalised rural villages to socio-economically benefit vulnerable groups (fishermen, fisherwomen, school dropouts, single mothers, heads of the poorest households), enhance and secure value of local biodiversity by the end of the project.

0.1 meeting minutes from stakeholder meetings; assesment of the local fisheries resources in the three municipalities, data analysis and reports; planning workshops with community members and government representatives;

0.2 Assesment reports of the current gap analysis; methodology for improvement; campaigns and practical trainig courses; instalations and equipment; monitoring report of the local use.

0.3 Biodiversity data reports; minutes from participatory meetings; proposal to the government; Co-managemant and participatory monitoring plans.

0.4 Training sessions, list of participants; number of local people trialled income diversification

0.1 Community and relevant stakeholders are willing to participate and interested to shift towards more sustainble use of marine resources and coastal zones in the project area

0.2 Community members are willing to adopt developed methodology and activities; local government supports the implementation and accepts co-ownership in the long-term

0.3 Adjacent fishing communities and local government supports the conservation actions for the traget area. Local and national government supports fully supports the process

0.4 target community members are willing to explore livelihood diversification options or/and learn new skills to be more competative in the expanding tourism market. New rural travel niche generates sufficient interest from national and international travellers.

Output 1:

. General and plastic waste management and income generating system developed and adopted in the four coastal villages by the end of the project.

1.1 Locally adapted set of actions to treat and reuse/recycle waste produced on the village level developed by Q2 Y2 and tested in the four target villages by the end of the project
1.2 Intensive awareness campaigning and practical training is conducted in the four target villages and the municipal level to speed up the uptake of waste management system by the Q1 Y3
1.3 Links and partnerships with national and international companies developed for the installation of the recycling system for macroplastics by Q4 Y2
1.4 Target zones and biodiversity (marine and coastal) in the project site assessed for the microplastic contamination and relevant strategies to address the issue developed by Q2 Y2

1.1 Community awareness assessment survey; records of feedback from community members; equipment acquired, locations identified;
1.2 Number of training participants, campaign handouts and meeting records; programs on national radio and TV;
1.3 One national and one international company linked to plastic recycling and utilization identified, plastic recycling machines acquired, collaboration protocols signed; plastic waste management system drafted.
1.4 Technical reports; number of researchers and local stakeholders involved; student thesis produced;

1.1 Community members are willing to test new solution and change their attitude towards waste utilization
1.2 Project technicians are able to produce effective and targeted messages that reach various user groups
1.3 Companies are willing to collaborate in the utilization of macroplastic and hard residuals.
1.4 Sufficient financing is available to conduct in depth survey in the project area

Output 2:

Stakeholders and target community members increased knowledge on value of local marine biodiversity and have developed a set of practical skills for more sustainable use of local ecosystem services by the end of the project.

2.1 Baseline of the artisanal fisheries resources and non-commercial indicator species and habitats established by Q4 Y1, impacts and indicators for long term monitoring finalised by Q3 of Y3 for the target zones in the project area.

2.2 Alternative fishing techniques tested and impact reduction on local fish populations estimated by Q4 Y2

2.3 Participatory monitoring and income diversification (see Output 4) introduced to enhance self-management of fishing practices and reduce pressure on overexploited marine resources in the target fishing communities by Q2 of the year 3 (baseline to be established at the start of the project)

2.1 Technical reports; interviews, number of surveys, databases; training sessions;
2.2 Fish catch data; interviews with local fishers, fishsellers and other relevant stakeholders; assessment sessions, meeting minutes.
2.3 Fish catch data (sizes, species) compliance with the closed season for target species;

2.1-Sufficient funding is available to conduct quantifiable data collection
2.2 Local fishers are willing to trial alternative fishing practices
2.3 Local fisher and community members in the three fishing villages ready to test new solutions for more sustainable use of marine and coastal ecosystems

Output 3:

The first MPA/LMMA proposed on the capital island of Santiago and submitted for the integration into the National PA system by the end of the project.

3.1 Sufficient socio-economic and environmental data collected for the target area (Baia do Inferno) to support the establishment of MPA/LMMA following the national laws by Q4 Y1.
3.2 Collaborative planning meetings organised with target stakeholder groups to define the most acceptable pathway for the MPA/LMMA establishment by Q3 Y2
3.3 Proposal drafted and submitted to the government for the approval by Q2 Y3
3.4 Official approval of the proposed MPA/LMMA received by the end of Q4 Y3

3.1 Technical reports; number of surveys and surveyors involved; datasets;
3.2 List of participants; minutes of meetings; technical decisions, products of the meetings;
3.3 Final technical report and official proposal
3.4 Official letter/publication by the government officials

3.1 Sufficient funding is available to collect adequate data to support the proposal of the first MPA/LMMA on the island
3.2 Stakeholders willing to support and participate in the process
3.4 Government approves the proposal and the designation by the end of the project

Output 4:

A new rural ecotourism destination/ eco network linking four eco-villages developed to boost local employment, promote sustainable travel, and enhance capacity for long-term employment for the target community groups by the end of the project.

4.1 Specific natural, social, cultural and financial resources mapped for the design and development of the eco network in the project area of over 250 km² by the end of Q2 Y2
 4.2 Ecological footprint (level and source of pollution on the household and community level; unsustainable/illegal fishing practices such as harpooning of dolphins, catching sea birds) is reduced by at least 30% in four target villages by Q4 Y3 from the baseline established by the end of Q4 Y1
 4.3. Tailor made training in hospitality, tour guiding, marketing, business, biodiversity delivered in four villages, and target groups prepared to step into the local ecotourism by the end of Q2 Y3
 4.4 Four new rural travel destinations/eco-villages and eco-centre prepared to generate income for local community groups by the end of Q3 Y3

4.1 Technical reports, GIS maps, questionnaires, list resources in various categories
 4.2 Developed methodology; assessment datasets; community feedback;
 4.3 Training modules; list of trainees; assessment of the participants and certification categories such as eco guides, local art/craft producers, cooks, tailors (demand will be established after the baseline mapping of the skills)
 4.4 Eco centre; Publicity sessions on social media, national TV and radio; website; links with the travel agencies in country and internationally; destination co-management units; income received

4.1 Local participants show willingness and interest to join in the eco network
 4.2 Members of the three target villages are willing to adopt behavioural change towards healthier and more sustainable living on individual and communal levels
 4.3 Number of villagers including participants from sensitive community groups willing to complete the training and explore new opportunities
 4.4 New travel destinations generate enough interest among travel agencies and independent travellers

Output 5:

No Response

No Response

No Response

No Response

Do you require more Output fields?

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

No

Activities (each Activity is numbered according to the Output that it will contribute towards, for example 1.1, 1.2 and 1.3 are contributing to Output 1)

The word count for each individual activity should be no more than 25 words.

Activity details

Activity Number

1.1. Run baseline survey and planning meetings with target community members to establish baseline for the waste disposal methods and prioritise reuse/recycle/reduction measures and locations

Activity Details

Activity details

Activity Number

1.2 Test the identified measures with the selected households, evaluate and replicate on the village level

Activity Details

Activity details

Activity Number

1.3 Run waste disposal awareness campaign "Nha lixu e di meu" (my rubbish is my responsibility) in collaboration with the civil movement '350 Cabo Verde'

Activity Details

Activity details

Activity Number

1.4 Propose social and environmental responsibility programme for the major plastic producers in Cabo Verde to co-fund/co-manage plastic recycling machines for the target villages.

Activity Details

Activity details

Activity Number

1.5 In collaboration with CERMI and LEC adjust prototypes of plastic recycling machines for energetically sustainable use, train personnel in operation and management.

Activity Details

Activity details

Activity Number

1.6 Using adapted methodologies, test samples of sand, water, invertebrates, fish, domestic animal/human faeces in the selected locations to test prevalence of micro plastic.

Activity Details

Activity details

Activity Number

1.7 Run the first national awareness campaign to communicate the results and highlight impacts and solutions for plastic management.

Activity Details

Activity details

Activity Number

2.1 Use INDP, DGRM, DNA , fisher data and field work surveys (including UAV technology) to establish the baseline and indicators in partnership Bangor University

Activity Details

Activity details

Activity Number

2.2 Evaluate qualitative and quantitative data to establish the projection and impact of project actions

Activity Details

Activity details

Activity Number

2.3 Develop targeted campaign to communicate the value of the resilient marine ecosystem to the coastal communities and decision makers

Activity Details

Activity details

Activity Number

2.4 Introduce system for the self-monitoring of artisanal fishing catch, associated marine species and habitats on the individual level following the national fisheries management plan

Activity Details

Activity details

Activity Number

2.5 Evaluate the impact of current fishing techniques and trial more sustainable fishing practices with sample group of fishers; replicate success on the village level

Activity Details

Activity details

Activity Number

2.6 Link biodiversity monitoring to the eco-network operations to ensure cost-efficiency, incentives and longevity in the post project phase.

Activity Details**Activity details****Activity Number**

3.1 In collaboration with professional local divers, fishers, students run surveys to gather data on biodiversity, seascape, geologic, historic value of the Baia do Inferno

Activity Details**Activity details****Activity Number**

3.2 Run series of planning meetings in the two villages adjacent to the prospective MPA with the relevant stakeholders and community members

Activity Details**Activity details****Activity Number**

3.3 In collaboration with the DNA prepare technical report and official proposal for protection/co-management of the target area and submit to the Government

Activity Details**Activity details****Activity Number**

3.4 Run series of targeted meetings with relevant government representatives for faster approval of the MPA/LMMA

Activity Details

Activity details

Activity Number

3.5 Use social media to raise the importance of the MPA network and local uptake of the prospective MPA in the Baia do Inferno

Activity Details

Activity details

Activity Number

4.1 Run planning meetings with the target communities to build vision of eco-village for each and map available or needed skills/services/resources within participant groups.

Activity Details

Activity details

Activity Number

4.2 Run eco-network design workshops with the national tourism sector to map service demand and effectively integrate eco-villages into the tourism sector.

Activity Details

Activity details

Activity Number

4.3 In collaboration with international partners and experienced local tour guides design the eco-network for target group of clients, national and international packages.

Activity Details

Activity details

Activity Number

4.4 Set up the eco-centre (eco-network management and learning hub) in one of the target villages and co-management units in each eco-village

Activity Details

Activity details

Activity Number

4.5 Deliver training programme for the skill enhancement for participants in each of the target villages based on their vision and identified knowledge gaps.

Activity Details

Activity details

Activity Number

4.6 Market the eco-network and eco-villages (unique story, message, contribution), to reach and receive national and international travellers and generate the first sustainable income.

Activity Details

Activity details

Activity Number

4.7 Adopt Eco Code of Conduct for travellers and eco-villagers to prevent exploitation of locals, unhealthy competition, child/adolescent sexual abuse, maintain minimal environmental footprint

Activity Details

Section 12 - Implementation Timetable

Q24. Provide a project implementation timetable that shows the key milestones in project activities

Please complete the Excel spreadsheet linked below to describe the intended workplan for your project.

Implementation Timetable Template

Please add 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.

↓ [Darwin R25 - Stage 2 - Implementation Timetable UNICV](#)

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Section 13 - Monitoring and Evaluation

Q25. 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 for Darwin and IWT Guidance](#)").

Baseline

In the Q1 of Y1 the data previously collected by DNA, UNICV and INDP, DGRM and target Municipalities will be evaluated to establish the baseline in the project area. Information gaps will be filled as per Activity Plan to establish the current situation in the project area. Experts from UNICV and Bangor University will identify the socio-economic and ecological indicators for the baseline and long-term monitoring.

Project delivery

Overall project progress will be reviewed quarterly during project team meetings and fed back to stakeholders. This will allow us to address challenges and re-plan (if needed) activities in real time. Progress reports will be produced by UNICV with the input of other project partners.

Outcome Indicator 1

UNICV in collaboration with Bangor University and target community members will conduct planning meetings and surveys to identify the most appropriate indicators for the long-term monitoring of environmental and socio-economic resources in the project area. After the Y1 baseline assessment, the indicators which are the most representative of the local situation will be determined. These aspects were already discussed during project planning phase. Indicators for artisanal fisheries with the low capacity/ financial resources were identified as one of the priorities. Another aspect is to identify simple easy to collect biodiversity indicators likely to underpin ecosystem resilience to climate change. This is of critical importance in an archipelago like Cabo Verde. The aim is to have a long-term locally feasible monitoring system that could be replicated in other communities and islands.

Outcome Indicator 2

At the start of the project UNICV and partners will assess the baseline situation using quantitative indicators such as: amount and composition of domestic waste; location of disposal sites (size and number/per target village); questionnaires will be developed to sample households. The process will be repeated at the end of Y2 and of Y3 of project to assess the progress. UNICV will develop basic assessment and analysis methods for the sources and prevalence of microplastics in target locations. The methodology will be adapted for replication on the national level.

Outcome Indicator 3

The project team will conduct surveys in the two communities Port Mosquito and Port Rincao and municipalities to assess the level of understanding about MPAs, access to information and collect feedback on participatory processes. Data will be disaggregated by gender, age and occupation. Biodiversity indicators developed for the monitoring of Outcome Indicator 1 will be incorporated into the monitoring of the prospective MPA/LMMA. The key is to develop a flexible methodology based on both robust scientific assessment and citizen science/local observer data.

Outcome Indicator 4

At the start of the project the eco-village score card will be developed to follow the progress of: level of cleanliness/ waste management (household/community level); attitude towards/understanding value of coastal and marine resources (qualitative data); locally available income options and income per household (min-max); average number of tourists/local services/produce/ income generated. The progress will be assessed at the end of Y2 and Y3.

Total project budget for M&E (this may include Staff and Travel and Subsistence Costs)

Number of days planned for M&E	127
Percentage of total project budget set aside for M&E	6

Section 14 - Funding and Budget

Q26. Budget

Please complete the Excel spreadsheet linked below, which provides the Budget for this application.


Some of the questions earlier and below refer to the information in this spreadsheet.


Darwin and IWT Budget Template


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

NB: 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.

 **Budget St2 - Darwin R25 IWT**

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Q27. 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.

- Approximately 88 % of project funds will be spent in the host country since the lead organisation is Cabo Verdean, based in Santiago Island.
- Over 95% of improved capacity will stay in the country.
- All the capital equipment acquired for the implementation of the project will stay in Cabo Verde and will be further used for research, biodiversity monitoring and ecotourism.
- International travel and subsistence will be reduced since majority of the project staff including the Project Lead organisation are based in Santiago Island.
- Wide range of technical expertise available locally will reduce the cost of engaging international consultants. Easy access to such human resources will allow for the timely delivery of project activities.
- Participatory biodiversity monitoring surveys will be combined with the eco-tour development to enhance sustainability of fuel, boat and human effort.
- UNICV staff and local partners have good knowledge of the socio-economic/ gender/environmental and cultural situation on the ground. This will considerably reduce the time and costs in M&E and collecting baselines.
- Part of the generated income will be channelled to the development of target communities and biodiversity monitoring in the form of 'eco fund' . This will ensure financial stability of operations in the post-project phase.

Assumptions

The project aims to align with the Government's priorities for nature conservation and The Strategic Plan for Sustainable Development (PEDS 2018) on the national and Municipal levels. We assume that DNA, MAA, DGRM and target Municipalities will provide political support throughout the project and financial contributions in Y2, Y3 and post project.

UNICV, ECOCV and partners will be able to raise necessary co-funding to fully deliver the project in Y2 and Y3.

Transparency and accountability of project finances will allow funding to reach all intended beneficiaries.

Q28. 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.

Biodiversity monitoring and safety equipment will be used to continue research by UNICV and partners. Some of the monitoring kits including the marine tour safety equipment will be left at the eco-villages for the monitoring of the prospective MPA and guided tours.

Signalisation and information panels will be installed on the designed routes and will continue to serve purpose in the years to come. The regular maintenance will be done by tour guides/community assistants with the check-ups by the current project partners that will continue their engagement in the post project phase.

The plastic recycling machines and solar panels will be installed in at least two eco-villages and will continue recycle plastic into usable products for sale/communal use. This will continue to generate financial support in addition to income from the of eco-network. Quotes and options for waste recycling machines are attached as pdf document.

Q29. Match funding (co-financing)

Are you proposing co-financing?

Yes

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
Fundo do Ambiente/ Environmental Fund Ministry of Environment and Agriculture		CVE	biodiversity monitoring, staff costs, meetings
UNICV		GBP	In kind: staff costs, office, meeting space, transport, equipment, communications, publishing, field work
ECOCV		GBP	in kind: staff costs, fieldwork, M&E, management, reporting
, 350 CV, ADSF, DNA, ViaggioMiraggi		GBP	in kind: staff costs, field work, meeting space, community mobilization

Unsecured

Provide details of any co-financing where an application has been submitted, or that you intend applying for during the course of the project. This could include co-financing from the private sector, charitable organisations or other public sector schemes.

Date applied for	Donor Organisation	Amount	Currency code	Comments
29 October 2018	Swiss Foundation for Solidarity and Tourism, Switzerland		CHF	TBC January 2019, ecotourism development in the project area
31 October 2018	Ministry of Culture and Creative Industries, Cabo Verde		CVE	TBC February 2019, environmental education, recycling
31 March 2019	Environmental Fund, Cabo Verde		CVE	MPA establishmen, reinforce biodiversity objectives
13 November 2018	MAC Interreg 2014-2020		EUR	Plastics research and education

Do you require more fields?

Yes

Unsecured

Provide details of any co-financing where an application has been submitted, or that you intend applying for during the course of the project. This could include co-financing from the private sector, charitable organisations or other public sector schemes.

Date applied for	Donor Organisation	Amount	Currency code	Comments
30 June 2019	Fund for Solidarity of Tourism		CVE	The application will be submitted via target Municipality
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>
<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>

Q30. 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.

The financial project monitoring and reporting will be conducted by the UNICV, the lead implementing partner, to ensure the targeted and timely distribution of the funds and adequate reporting to Darwin Initiative. UNICV is the public institution and the financial management and transparency follow the laws of the Republic of Cabo Verde. Part of the funds will be distributed to the project partners. Financial management and reporting templates used by the UNICV will be adjusted and shared with partners for coordinated and time-efficient reporting of expenditure. Project partners will submit monthly expenditure reports to the finance office of UNICV.

In 12 years of operation UNICV developed institutional strategies and Code of Conduct to ensure honest and responsible behaviour of UNICV staff and employees and the same requirements applies to all project partners. The updated institutional constitution could be found here: http://www.unicv.edu.cv/images/Normativos/Novos_Estatutos_da_Universidade_de_Cabo_.pdf

The budget management guidelines and financial responsibility and transparency are outline in the official government publications 'Boletim Oficial' (in Portuguese) of the Republic of Cabo Verde and is available upon request.

Section 15 - FCO Notifications

Q31. FCO Notifications

Please put an X in the box if you think that 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.

Checked

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.

No

Section 16 - Certification

Q32. Certification

On behalf of the

Company

of

University of Cabo Verde UNICV

I apply for a grant of

£275,486.00





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 uploaded CVs for project principals and letters of support.
- I have uploaded our most recent signed audited/independently verified accounts and annual report.

Checked

Name	Mara Abu Raya
Position in the organisation	Lecturer and Researcher in Marine Biology, President of the Science House of Praia
Signature (please upload e-signature)	 Mara Abu-Raya signature  02/12/2018  19:49:44  pdf 21.91 KB
Date	03 December 2018

Section 17 - Submission Checklist

Stage 2 Application - Checklist for submission

	Check
Have you read the Guidance (including Guidance for Applicants and Finance for Darwin and IWT Guidance)	Checked
Have you read, and can you meet, the current Terms and Conditions for this fund?	Checked
Have you provided actual start and end dates for your project?	Checked
Have you provided your budget based on UK government financial years i.e. 1 April - 31 March and in GBP?	Checked
Have you checked that your budget is complete and correctly adds up?	Checked
Has your application been signed by a suitably authorised individual?	Checked
Have you uploaded a 1 page CV for all the Project Staff on this project, including the Project Leader?	Checked
Have you uploaded a letter of support from the main partner(s) organisations?	Checked

Have you included a cover letter from the lead organisation, outlining how any feedback received at Stage 1 has been addressed?	Checked
Have you been in contact with the FCO in the project country/ies and have you included any evidence of this?	Checked
Have you uploaded a signed copy of the last 2 years annual report and accounts for the lead organisation?	Checked
Have you checked the Darwin website 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 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).