

Applicant: **Henry, Murray**  
Organisation: **Saint Helena Government**  
Funding Sought: **£298,337.00**  
Funding Awarded: **£298,337.00**

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# **DPR8S2\1026**

**DPLUS103 Saint Helena Climate Change and Drought Warning Network**

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## Section 1 - Contact Details

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### PRIMARY APPLICANT DETAILS

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**Title** Mr  
**Name** Benedict  
**Surname** Sansom  
**Website (Work)** [REDACTED]  
**Tel (Work)** [REDACTED]  
**Tel (Mobile)** [REDACTED]  
**Email (Work)** [REDACTED]  
**Address** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### CONTACT DETAILS

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**Title** Mr  
**Name** Murray  
**Surname** Henry  
**Organisation** Saint Helena Government  
**Website (Work)** [REDACTED]  
**Tel (Work)** [REDACTED]  
**Email (Work)** [REDACTED]  
**Address** [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### GMS ORGANISATION

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Type	Organisation
<b>Name</b>	Saint Helena Government
<b>Phone (Work)</b>	[REDACTED]
<b>Email (Work)</b>	[REDACTED]
<b>Website (Work)</b>	[REDACTED]
<b>Address</b>	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

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## Section 2 - Title, Dates & Budget Summary

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### Q3a. Project title

DPLUS103 Saint Helena Climate Change and Drought Warning Network

### Q3b. What was your Stage 1 reference number? e.g. DPR8S1\10008

DPR8S1\1023

### Q4. UKOT(s)

Which UK Overseas Territory(ies) will your project be working in? You may select more than one UKOT from the options below.

St Helena, Ascension and Tristan da Cunha\*

Q4b. In addition to the UKOTs you have indicated, will your project directly benefit any other Territories or country(ies)?

No

### Q5. Project dates

**Start date:**

01 April 2020

**End date:**

31 March 2023

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

3 years

### Q6. Budget summary

Year:	2020/21	2021/22	2022/23	Total request
Darwin funding request (Apr - Mar)	£ [REDACTED]	[REDACTED]	[REDACTED]	£ 298,337.00

Q6a. Do you have proposed matched funding arrangements?

Yes

#### What matched funding arrangements are proposed?

This is a joint project between Saint Helena Government and Connect Saint Helena. Project Management and Financial Management duties will be shared by both organisations.

Saint Helena Government – Staff time to support Project Management, procurement of climate monitoring equipment, installation of equipment and climate data collection, reporting standards and methodologies, Darwin Plus half-year and annual progress and financial reporting. Met Station office facilities and equipment for collating and processing all climate data. Office space, vehicle access, IT facilities and ENRP technical staff support for climate monitoring Scotland office. SHG total £ [REDACTED]

Connect Saint Helena – Financial Management of the project, HR and line management support for a project Water Resource Technician post. Includes office space, IT, access to 4WD for site visits and monitoring data collection. Technical support for selecting monitoring locations and geophysics survey location, access to historic reports of the island geology, hydrology and hydrogeology. Connect Saint Helena total £ [REDACTED]

UK Met Office – meteorological technical support for the project team including selection of automated weather station, telemetry system and equipment maintenance support, data interpretation and climate data reporting protocols. UK Met Office total £ [REDACTED]

Centre for Ecology and Hydrology – hydro-ecology office technical support for the project team (staff time), including surface water monitoring, water balance and interpretation of the islands water resources for habitat conservation (Peaks National Conservation Area and Management Plan), mist monitoring equipment. CEH total £ [REDACTED]

Arctium - technical software for aerial data interpretation and water balance calculations. Arctium total £ [REDACTED]

**Q6b. Proposed (confirmed & unconfirmed) matched funding as % of total project cost (total cost is the Darwin request plus other funding required to run the project).** 11%

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## Section 3 - Lead Organisation Summary

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### Q7. Summary of Project

**Please provide a brief summary of your project, its aims, and the key activities you plan to undertake. Please note that if you are successful, this working may be used by Defra in communications e.g. as a short description of the project on [GOV.UK](http://GOV.UK).**

**Please write this summary for a non-technical audience.**

*No Response*

### 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)?**

Yes

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

Reference No	Project Leader	Title
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DPLUS051	Saint Helena Government	Water Security and Sustainable Cloud Forest Restoration
DPLUS052	Saint Helena Government	Mapping Saint Helena's Biodiversity and Natural Environment
DPLUS099	Saint Helena Government	Fragmented cloud forest habitat rehabilitation through innovative invasive plant management
DPLUS056	Saint Helena Government	Establishment of the national framework for invasive plant management
DPLUS077	Saint Helena Government	Sustainable fishery management for St Helena's lobster populations
DPLUS070	Saint Helena Government	Oceanographic influences on the St Helena pelagic ecosystem


**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.**


 [SHG-Financial-Statements-2017-18-Signed](#)

 24/11/2019

 09:14:08

 pdf 5.25 MB

 [Financial-Statements-2016-17-Signed](#)

 24/11/2019

 09:13:02

 pdf 4.5 MB

## Section 4 - Project Partners

### Q9. Project Partners

**Please list all the partners involved (including the Lead Organisation) and explain their roles and responsibilities in the project. Describe the extent of their involvement at all stages, including project development.**

**This section should illustrate the capacity of partners to be involved in the project. Please provide Letters of Support for the Lead Organisation and each partner or explain why this has not been included.**

**N.B: There is a file upload button at the bottom of this page for the upload of a cover letter (if applicable) and all letters of support.**

**Lead Organisation name:**

Saint Helena Government

**Website address:**

www.sainthelena.gov.uk

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

Saint Helena Government operate the Bottom Woods Met Station on behalf of the UK Met Office. Staff within ENRP also manage the islands network of manual rain gauges and weather stations. The Bottom Woods Met Station team developed the climate elements of the grant application and will lead all island climate monitoring tasks. Tasks include maintaining and monitoring 6 new automated weather stations, procurement of equipment, installation, data telemetry, data management, protocols, archive and reporting. The Met Station team will also act as Project Manager. Lead contact: Murray Henry  
[REDACTED]

Staff from ENRP were consulted at the project design stage and will also maintain weather stations within the climate monitoring network and undertake field data collection and data interpretation roles. Lead contact: Martina Leo  
[REDACTED]

Darren Duncan will lead the Project and Chair the Project Steering Group with the support of Murray Henry (Project Manager).

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

Yes

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

Yes

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

Yes

**1. Partner Name:**

Connect Saint Helena

**Website address:**

www.connect.co.sh

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

Connect Saint Helena are the island water and energy utility. Connect manage and maintain the islands water resource infrastructure and are the primary responder to water shortages and drought. Connect will host and manage the Water Resource Monitoring Technician during the project beyond the life of the project. Connect supported the design of the grant application and will provide guidance concerning strategic water resource management planning, demand forecasting and water efficiency/water demand reduction options. Connect will lead on project Financial Management through the Connect Finance team and work closely with the Met Station Project Manager. Connect staff will also support the design of all geology, hydrology and hydrogeology surveys/investigations. In addition, Connect will contribute technical expertise as a member of the Project Steering Group.  
Lead contact – Lawrence Muranganwa.

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

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

Yes

**2. Partner Name:** UK Met Office

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**Website address:** [www.metoffice.gov.uk](http://www.metoffice.gov.uk)

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

UK Met Office fund the Bottom Woods Met Station on Saint Helena, supported the design of the proposed project and will provide technical support for procuring climate monitoring equipment, management of climate data collection, data set validation, distribution of audited data, reporting standards and format of more detailed island weather forecasts.

In addition, UK Met Office will contribute technical expertise as a member of the Project Steering Group.  
Lead contact: Steve Palmer [REDACTED]

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

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**3. Partner Name:** Centre for Ecology and Hydrology

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**Website address:** [www.ceh.ac.uk](http://www.ceh.ac.uk)

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

CEH has a long history of providing ecology, climate change and water resource research and technical support for environmental projects on Saint Helena. CEH provided a technical review of the project design before the Stage 1 submission and will provide technical support to the water resource project team. CEH will provide guidance through the Project Steering Group as well as through direct contact with the water resource team. CEH will also provide technical guidance for the surface water and hydrology monitoring deliverables and lead on the interpretation of climate data and habitats, including a hydro-ecological assessment of the water balance. Lead contact: Dr Alan Gray ( [REDACTED] )

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

Yes

**4. Partner Name:**

Arctium

**Website address:**

[www.arctium.co.uk](http://www.arctium.co.uk)

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

The team at Arctium delivered the DPLUS051 project, a 2.5 year mist capture and cloud forest restoration project on Saint Helena alongside SHG, Connect and CEH. Arctium supported the design of the project and will lead on the water resource and geological elements of the project with the support of Connect and CEH. Deliverables will include desk study, water features survey, design of a water monitoring network across the island, geophysics and geology surveys, training the Water Resource Monitoring Technician, hydrology and hydrogeology investigations and interpreting water resource and geology data. Arctium will contribute technical expertise as a member of the Project Steering Group. Lead contact: Ben Sansom ( [REDACTED] )

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

Yes

**5. Partner Name:**

Saint Helena Research Institute

**Website address:**

<http://www.sainthelena.gov.sh/2018/05/developing-a-research-institute-for-st-helena/>



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

The Research Institute (SHRI) will contribute technical expertise as a member of part of the Project Steering Group and support project implementation through to the delivery of specified activities. Staff at the institute will provide island steering group co-ordination support for Output 4, data management and data archiving protocol support.

The SHRI is a new organisation which was officially launched in November 2018. The project fits squarely within institute functions and activities, specifically to support research, to manage data and to promote and communicate research. The Research Institute is coordinated by Rebecca Cairns-Wicks who has conducted research and has considerable experience in the conservation and ecology of St Helena's endemic plants and invertebrates.

SHRI will contribute technical expertise as a member of the Project Steering Group.

Lead contact: Dr Rebecca Cairns-Wicks [REDACTED]  
[REDACTED]

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

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

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**Website address:** *No Response*

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

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

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





*No Response*

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





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 [DPR8S2\\_1026 Combined Letter of Support](#)  
 26/11/2019  
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 pdf 3.29 MB

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 [DPR8S2\\_1026 Cover Letter](#)  
 26/11/2019  
 19:31:29  
 pdf 85.38 KB

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 [DPR8S2\\_1026 Connect Feedback Response](#)  
 26/11/2019  
 19:10:40  
 pdf 241.52 KB

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## Section 5 - Project Staff

### Q10. Project Staff

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

**Please provide 1 page CVs for these staff, or a 1 page job description or Terms of Reference for roles yet to be filled. These should match the names and roles in the budget spreadsheet. If your team is larger than 12 people please review if they are core staff, or whether you can merge roles (e.g. 'admin and finance support') below, but provide a full table based on this template in the pdf of CVs you provide.**

<b>Name (First name, Surname)</b>	<b>Role</b>	<b>% time on project</b>	<b>1 page CV or job description attached?</b>
Darren Duncan	<b>Project Leader</b>	5	Checked
Murray Henry	Meteorological Scientific Observer	20	Checked
Lawrence Muranganwa	Connect Water Resource Manager	5	Checked
Ben Sansom	Water Resource Specialist	20	Checked

**Do you require more fields?**


Yes


<b>Name (First name, Surname)</b>	<b>Role</b>	<b>% time on project</b>	<b>1 page CV or job description attached?</b>


Dr Alan Gray	CEH Water Resource Technical Expert	5	Checked
Steve Palmer	UK Met Office Climate Data Technical Expert	5	Checked
Dr Rebecca Cairns-Wicks	Stakeholder Consultation and Steering Group Lead	5	Checked
TBC	Water Resource Monitoring Technician	100	Checked
<i>No Response</i>	<i>No Response</i>	0	Unchecked
<i>No Response</i>	<i>No Response</i>	0	Unchecked
<i>No Response</i>	<i>No Response</i>	0	Unchecked
<i>No Response</i>	<i>No Response</i>	0	Unchecked

**Please provide 1 page CVs (or job description if yet to be recruited) for the Project staff listed above as a combined PDF.**

**Ensure the file is named clearly, consistent with the named individual and role above.**

 [DPR8S2\\_1026 Combined CVs](#)

 26/11/2019

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 pdf 753.61 KB

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

Yes

## Section 6 - Background & Methodology

### Q11. Problems the project is trying to address

**Please describe the problem your project is trying to address in terms of environment and climate issues in the UKOTs.**

**For example, what are the specific threats to the environment that the project will attempt to address? Why are they relevant, for whom? How did you identify these problems? How will your proposed project help? What key OT Government priorities and themes will it address?**

The project has been designed to assist with drought planning and climate change mitigation and meet the islands 10 Year Plan and Sustainable Economic Development Plan targets (including improved water security, island water strategy, drought mitigation, climate change adaptation). It is supported by evidence from DPLUS051, data gaps identified by the UK Met Office and the draft Peaks Management Plan.

The provision of water on St Helena is intimately linked to the distribution of habitats and in particular the cloud forest area above 650 m. Previous work (DPLUS051, CEH 1990s work) has demonstrated that native

habitats function more effectively as hydrological units than introduced systems. These native habitats are the last refuges of St Helena's rich endemic flora and fauna but they are threatened by multiple drivers of extinction, e.g. invasive species habitat loss, genetic erosion and climate change.

Previous water resource studies have been limited in scope and duration with significant knowledge gaps concerning the island's geology, aquifers, springs and streams. The measurement of annual stream discharge across the island has never been achieved and an island water balance has only been attempted on two occasions using limited data sets (Mathieson, 1988 and Halcrow, 1969). Groundwater recharge was last estimated in 1982. A robust data set is needed to assess the island's current water resources and provide new information linking the island's geology, hydrogeology and hydrology.

A more comprehensive long-term climate dataset is needed across the island to assess the variability in climate. A more accurate and comprehensive climate data set coupled with a detailed island water balance would be used to support water infrastructure planning, habitat management (to effectively manage habitat for near extinct species such as the St Helena false gumwood), agricultural development, demand forecasting, drought planning, climate change resilience mitigation and water efficiency/water demand reduction measures.

## Q12. Methodology

**Describe the methods and approach you will use to achieve your intended Outcome and Impact. Provide information on:**

- How you have analysed historical and existing initiatives and are building on or taking work already done into account in project design. Please cite evidence where appropriate.
- The rationale for carrying out this work and a justification of your proposed methodology.
- How you will undertake the work (materials and methods).
- How you will manage the work (role and responsibilities, project management tools etc.)

**Please make sure you read the [Guidance Notes](#) before answering this question.**

**(This may be a repeat from Stage 1 but you may update or refine as necessary)**

### 1. Desk Study

A desk study will collate all reports and data associated with the island's climate, the island's water resources and geology. A technical review of climate monitoring equipment will culminate in the final selection of a suitable weather station and telemetry solution for climate monitoring.

Data will be reviewed by means of visits to the SHG archives, ENRP library and Connect Saint Helena's report archive on St Helena. Additional literature data will be collated from the British Geological Survey, Geological Society and other sources (Met Station, UK Met Office, Arctium).

### 2. Collection of Climate and Water Resource Data

- a. Island-wide water features survey to confirm location of springs, streams, water control structures, stand pipes, boreholes plus GIS mapping of all features. (Arctium, CEH, Connect);
- b. Water Resource Monitoring Technician field training, manual stream gauging and data logger operation (Arctium, Connect, CEH);
- c. Installation of surface water and groundwater monitoring equipment and GIS mapping of locations

(Arctium, Connect);

d. Geophysics survey, Digital Terrain Modelling, GIS and remote sensing to understand the relationship between island geology, hydrogeology and hydrology (Arctium);

e. Identification of 6 locations for installation of permanent meteorological stations to measure rainfall, temperature, barometric pressure, relative humidity, wind speed and direction. Identify existing climate monitoring locations for equipment upgrades (ENRP, Met Station, and UK Met Office);

f. Installation and operation of new automated weather stations and GIS mapping of weather station locations (Met Station, ENRP, UK Met Office).

3. Island water balance and climate data interpretation

a. Collation and graphing of all geophysics data, water level and flow data - trend analysis (Arctium, CEH);

b. Collation of meteorological data and interpretation with long term island climate data sets (Met Station, UK Met Office, Arctium, CEH);

c. Catchment water balances and island water balance (Arctium, CEH);

d. Refined ecosystem services assessment for water resources (Arctium, CEH);

e. Water efficiency and water reduction public outreach activities (SHG, CEH).

4. Protocols for climate data reporting, interpretation and data distribution

a. Consultation with key stakeholders to determine key uses for climate data e.g. general weather forecasting, agriculture, water resource planning, marine management and fishing etc (Met Station, UK Met Office, ENRP, SH Research Institute);

b. Development of standard climate data reports, stakeholder agreement of frequency of reporting and format for delivering reports (Met Station, UK Met Office, ENRP, SH Research Institute);

c. Providing climate data in agreed formats (Met Station, UK Met Office, ENRP);

d. Annual climate data report (SHG, Connect);

e. World Observation Weather network data upload (Met Station, UK Met Office).

5. Reporting

a. Annual and half year project reporting to Darwin Plus (Met Station, Connect, Arctium);

b. Collation of all desk based and field data (Met Station, Arctium, Connect, ENRP);

c. Interpretation and reporting of data (Met Station, UK Met Office, ENRP, Arctium, CEH, Connect);

d. Draft report and Final Project Report (Met Station, UK Met Office, Arctium, CEH, Connect, ENRP);

e. Island water security plan (Met Station, UK Met Office, Arctium, CEH, Connect, ENRP).

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

*No Response*

## Section 7 - Stakeholders and Beneficiaries

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### Q13. Project Stakeholders

**Who are the stakeholders for this project and how have they been consulted (include local or host government support/engagement where relevant)? Briefly describe what support they will provide and how the project will engage with them.**

Saint Helena Government and the Saint Helena Research Institute work with the key island stakeholder groups who will benefit from the data and reporting associated with this project. Key stakeholders have been identified as:

Drought Resilience Forum  
Agricultural sector  
Forestry sector  
Fisheries  
Business sector (Enterprise Saint Helena)  
Local weather forecasting service  
Tourism  
Conservation groups (Saint Helena National Trust, Saint Helena Nature Conservation Group)  
Saint Helena Government - ENRP (Terrestrial and Marine Conservation)  
Connect Saint Helena  
Saint Helena Research Institute  
Centre for Ecology and Hydrology  
South Atlantic Environmental Research Institute and other research groups and Universities  
UK Met Office

The project partners have close contact with all of the stakeholder groups identified above and hold regular meetings to discuss drought emergency planning, nature conservation and responding to the climate emergency.

A project steering group led by Saint Helena Research Institute will meet during Year 1 to plan and deliver Output 4 with island stakeholders. The group will lead a stakeholder consultation process to confirm stakeholder climate data requirements, data formats, mechanisms for distributing data and reporting requirements.

Output 4 will establish a method for disseminating climate data collected during and after the project. Stakeholders will use the data to plan their activities in the short, medium and long term using detailed, local climate data. The project will provide stakeholders with a better understanding of climate change, local climate and how they can respond to a changing climate on Saint Helena.

## **Q14. Institutional Capacity**

### **Describe the lead organisation's capacity (and that of partner organisations where relevant) to deliver the project.**

Saint Helena Government  
Darren Duncan, Director of ENRP is responsible for the teams in the Bottom Wood Met Station and within ENRP who operate climate monitoring equipment on the island. Darren is project lead and will be supported by Murray Henry in the Met Station who will be project manager. The team have reviewed staff resources and due to the nature of operating the automated weather stations will dedicate 4 man days per month collecting data and 20% of Murrays time managing the project. Darren will lead the Project Steering Group and oversee project performance and will provide up to 5% of his time.

In kind support will be provided by:

- Three staff; and
- Office space, monitoring equipment, vehicles, administrative, IT and logistical infrastructure.

Connect Saint Helena

Connect are co-leaders on the project and will deliver all project financial services within their finance team, who are experienced in delivering multi-year multi-agency projects on the island. Lawrence Muranganua (Technical Manager, Connect) leads the Conenct Water Reource team and will co-ordinate all surface water

and groundwater outputs with project partners. His team have capacity and office space to host and train the Water Resource Monitoring Technician and will incorporate the project monitoring network into the Connect water resource monitoring network.

In kind support will be provided by:

- Minimum of two staff; and
- Financial services, office space, monitoring equipment, vehicles, administrative, HR, IT and logistical infrastructure.

## **Q15. Project beneficiaries**

**Who will your project benefit? You should consider the direct benefits as a result of your project as well as the broader indirect benefits which may come about as a result of your project achieving its Outputs and Outcome. The measurement of any benefits should be included in your project logframe.**

The project will benefit key island stakeholders identified in Question 13, through the collection, interpretation and dissemination of more detailed climate and water resource data sets for the island.

Climate and water resource data have benefits for a wide range of activities on Saint Helena for the large group of stakeholders identified. Data will support the following island activities:

- a) Drought Resilience Forum - support drought management decisions through accurate, detailed local data and understanding of the interaction between climate change, surface water, groundwater and regional geology;
- b) Demand forecasting and water infrastructure planning - detailed data to improve how the island manages its water and future pressures on water (tourism, population increase, climate change);
- c) Ecology - habitat restoration and species re-introduction areas need to be appropriately sited so that habitats and species can adapt to climate change using project climate and water resource data;
- d) Agricultural and Fisheries development - selection of crops, planting programmes and fisheries management;
- e) Climate change mitigation;
- f) Tourism - sustainable development of tourist economy through water efficiency measures and planning for seasonal population growth.

## **Section 8 - Gender and Change Expected**

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### **Q16. Gender (optional)**

**How is your project working to reduce inequality between persons of different gender? At the very least, you should be able to provide reassurance that your proposed work is not increasing inequality. Have you analysed the context in which you are working to see how gender and other aspects of social inclusion might interact with the work you are proposing?**

The project outputs have no identifiable gender impact.

The recruitment of a Water Resource Monitoring Technician will be completed through a formal process led by the Connect Saint Helena HR team and adhere to the Connect recruitment process which prohibits gender bias.

## Q17. Change expected

**Detail the expected changes this work will deliver. You should identify what will change and who will benefit a) in 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 the environment and, where relevant, for people in the OTs, and how they are linked.**

Climate change modelling indicates that for Saint Helena, rainfall patterns will change by 2090 with longer periods of dry weather (drought) punctuated by short duration high intensity rainfall events.

Due to limited local expertise and core funding, the project will provide a significantly more robust climate data set to assist multiple stakeholders on the island plan and respond to changes in the islands weather and climate change. The project will also complete the first comprehensive water resource study to identify available water resources across the island, both for surface water and groundwater sources.

The climate data set will be managed by the island Met Station. The Met Station will be able to provide more accurate forecasting services to support strategic resource management and economic development. The data will assist Saint Helena Government, Connect Saint Helena the agricultural community and conservation community understand how to respond to changing climate and mitigate impacts from drought.

In the short-term, the project will support a greater understanding of the mechanisms for groundwater flow and surface water flow in key catchments to support water resource planning, habitat management and enhance drought management plans. It will also provide data to assess in more detail the variation in climate across the island.

Long-term, capacity building will enable collection of a long term water resource and climate data set to support climate change mitigation and water resource planning. This data will help the island refine strategies for mitigating the impacts of climate change and plan ahead. Drafting an island water security plan to support long term water security measures across the island will cement project outcomes.

Saint Helena can also contribute to the refinement of South Atlantic climate change models through data uploaded into the World Observation Weather network.

## Q18. Pathway to change

**Please outline your project's expected pathway to change. This should be an overview of the overall project logic and outline how you expect your Outputs to contribute towards you overall Outcome, and, longer term, your expected Impact.**

It is recognised that the quality of climate data on the island is not sufficient to plan for climate change and manage the islands water resources during long periods of dry weather. There are limited resources and information available to quantify the islands total water resource, especially to understand the relationship between the island's groundwater resource and stream flows and endemic vegetation for island water supply.

Outputs

A more detailed and accurate climate data set will assist key stakeholders identify more effective strategies to mitigate the effects of climate change and to manage longer periods of dry weather. A detailed understanding of the island's catchment geology, hydrogeology and hydrology will enable Connect Saint Helena and SHG to identify additional strategies for managing the islands limited water resources and



endemic habitats. Accurate local weather forecasts will support strategic management of the island's natural resources and emergency planning.

#### Expected Impact

Effective decisions can be made on Saint Helena to significantly reduce the risk of drought and mitigate against impacts of climate change. Climate data will be fed into the global World Observation Weather network to refine climate change models for Saint Helena. It will also enable more accurate local weather forecasts.

## Q19. Sustainability

### **How will the project ensure benefits are sustained after the project have come to a close? If the project requires ongoing maintenance or monitoring, who will do this and how will it be funded?**

Connect Saint Helena will continue to manage all water resource monitoring assets beyond the life of the project and update the water balance on an annual basis to support water resource management decisions. Connect were a key project partner in DPLUS051 which demonstrated that native habitats function more effectively as hydrological units than introduced systems e.g. New Zealand flax. These native habitats are the last refuges of St Helena's rich endemic flora and fauna but they are threatened by multiple drivers of extinction, e.g. invasive species habitat loss, genetic erosion and climate change. Connect is committed to monitoring and managing the islands water resources to support restoration of native habitats and development of a sustainable, climate resilient water supply for the island.

SHG will continue to collect climate data from the automated weather stations via the team working at the Bottom Woods Met Station and with the continued support of the UK Met Office. This data will be uploaded into the global World Observation Weather network to refine climate change models for Saint Helena.

SHG and Connect will ensure that the monitoring networks are maintained.

Data collected will continue to be disseminated to stakeholders beyond the end of the project.

## Section 9 - Funding and Budget

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### Q20. Budget


**Please complete the appropriate Excel spreadsheet, which provides the Budget for this application. Some of the questions earlier and below refer to the information in this spreadsheet. Note that there are different templates for projects requesting over and under £100,000 from the Darwin Plus budget.**

- [R8 D+ Budget form for projects under £100,000](#)
- [R8 D+ Budget form for projects over £100,000](#)


**Please refer to the [Finance Guidance for Darwin/IWT](#) for more information.**

**N.B: Please state all costs by financial year (1 April to 31 March) and in GBP. Darwin Plus cannot agree any increase in grants once awarded.**

**Budgets submitted in other currencies will not be accepted. Use current prices – and include anticipated inflation, as appropriate, up to 3% per annum. The Darwin Initiative cannot agree any increase in grants once awarded.**

 [DPR8S2\\_1026 budget](#)

 26/11/2019

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 xlsx 66.62 KB

## Q21. Co-financing

**Are you proposing co-financing?**

Yes

### Q21a. 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.**

**(See [Finance for Darwin/IWT](#) and [Guidance Notes](#))**

Donor organisation	Amount	Currency code	Comments
Saint Helena Government	██████	£	Vehicles, field monitoring equipment, project office space, staff time, admin support, HR
Connect Saint Helena	██████	£0.00	Vehicles, office space, admin, HR, project accounting, water resource equipment, staff time. Host the Water Resource Monitoring Technician, water resource training.
UK Met Office	██████	£	Staff time
CEH & Arctium	██████	£	Staff time, climate monitoring equipment (mist capture).

### Q21b. Unsecured

**Provide details of any matched funding where an application has been submitted, or that you intend**

**applying for during the course of the project. This could include matched funding from the private sector, charitable organisations or other public sector schemes. This should also include any additional funds required where a donor has not yet been identified.**

<b>Date applied for</b>	<b>Donor organisation</b>	<b>Amount</b>	<b>Currency code</b>	<b>Comments</b>
No Response	No Response	0	No Response	No Response
No Response	No Response	0	No Response	No Response
No Response	No Response	0	No Response	No Response
No Response	No Response	0	No Response	No Response

**Do you require more fields?**

No

## Section 10 - Finance

### Q22. Financial Controls

**Please demonstrate your capacity to manage the level of funds you are requesting. Who is responsible for managing the funds? What experience do they have? What arrangements are in place for auditing expenditure?**

All project funding will be routed through the Connect Saint Helena finance team who operate under audited accounting procedures.

All monies will be placed into a designated account and have a designated financial officer to ensure finances/budgets are monitored.

The Project lead will have an overview of the entire project and will regularly monitor the budget. Items purchased in the host country will be bought through the Connect Saint Helena procurement process which has strict guidelines for ensuring value for money and transparency. An independent auditor will audit expenditure at the end of the project.

The funds will be managed by Connect finance depart which is headed by a qualified Accountant, the department has experience in handling the company grant funds and producing reports for the funds on a monthly basis. To establish easy audit trail the opening of a standalone bank account will be explored to administer the grant.

### Q23. Financial Management Risk

**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.**

Connect has in place employee standards of behaviour which prohibit bribery and fraud as well as policies and procedures for reporting any acts of bribery or fraud. The opening of a separate project account will ensure accountability and minimise the risk of fraud through a clear audit trail.

Payment of invoices to suppliers and project partners will be made in line with project quarterly milestones set out in the project budget. A payment schedule will ensure that the grant is used only for expenses and staff time identified within the project budget submitted to Darwin Plus. Project finances will be reported to the Project Manager on a monthly basis and to the Project Steering Group as a standard agenda item for scrutiny.

All project staff will be required to sign a declaration of interests at the start of the project to identify any conflicts of interest. Staff with a declared interest will be requested to step aside where a conflict of interest arises until the decision point is passed.

All equipment purchases will be made in line with Connect Saint Helena's procurement policy and will require a minimum of 3 quotations to ensure transparency and value for money.

## **Q24. 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.**

We have assessed resources needed to deliver the project outputs based upon equipment and technical expertise already on island. All project staff and equipment costs are based on this gap analysis. We will be incorporating equipment purchased from the DPLUS051 project into the monitoring network and have allowed a modest budget to service this equipment (for wear and tear).

Project partners will be providing office space, admin and HR staff time as in-kind support. We are also reducing field survey costs by accommodating visiting field staff in shared self-catering accommodation and using SHG and Connect Saint Helena vehicles to reduce car hire costs.

Equipment purchase and hire costs will be re-evaluated at the start of the project and challenged to ensure that costs are controlled and reduced where possible. All equipment costs and hire charges are correct at the time of application, but may change between November 2019 and April 2020. This change and annual increases in project and equipment costs have been considered in the budget preparation.

It is assumed that freight charges through the shipping service will not increase more than 10%. It is understood that a review of charges is currently being undertaken and will be reported in the new year which may impact import costs for project equipment.

An allowance has been included for travel to Saint Helena in case flights are delayed due to fog closing the runway.

## **Q25. 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.**

All capital funded equipment will remain on Saint Helena for continued climate and water resource

monitoring beyond the life of the Darwin Project. Data collection, interpretation and reporting will become "Business as Usual" and inform decisions on the island.

Connect Saint Helena will continue to operate all surface water and groundwater monitoring equipment within their water monitoring network. SHG will continue to operate all automated weather stations via the Bottom Woods Met Station.

## Q26. Outputs of the project and Open Access

**All outputs from Darwin Plus projects should be made available on-line and free to users whenever possible. Please outline how you will achieve this and detail any specific costs you are seeking from Darwin Plus to fund this.**

Outputs from the project will be made available on-line on Connect Saint Helena and Saint Helena Government web sites. Climate data will be published in regular climate data reports for use by stakeholders on the island. The frequency of the reports and data included within them will be agreed during a consultation stage in Output 4 of the project. Water resource data will also be used by Connect Saint Helena to refine approaches for water resource management on the island and update annual island water balances to support management decisions.

All project data will also be made available on the Saint Helena sub-set of the SAERI IMS-GIS portal managed by the Saint Helena Research Institute. Climate data will also be uploaded onto the World Observation Weather Network on a weekly basis and will be available for climate research projects.

## Section 11 - Safeguarding

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### Q27. Safeguarding

**Projects funded through Darwin Plus must fully protect vulnerable people all of the time, wherever they work. In order to provide assurance of this, projects are required to have appropriate safeguarding policies in place. Please confirm the lead organisation has the following policies in place and that these are available on request:**

<b>We have a safeguarding policy, which includes a statement of your commitment to safeguarding and a zero tolerance statement on bullying, harassment and sexual exploitation and abuse</b>	Checked
<b>We keep a detailed register of safeguarding issues raised and how they were dealt with</b>	Checked
<b>We have clear investigation and disciplinary procedures to use when allegations and complaints are made, and have clear processes in place for when a disclosure is made</b>	Checked
<b>We share our safeguarding policy with downstream partners</b>	Checked
<b>We have a whistle-blowing policy which protects whistle-blowers from reprisals and includes clear processes for dealing with concerns raised</b>	Checked

**We have a Code of Conduct in place for staff and volunteers that sets out clear expectations of behaviors - inside and outside of the work place - and make clear what will happen in the event of non-compliance or breach of these standards**

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Checked

## **Section 12 - Logical Framework**

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### **Q28. Logical Framework**

Darwin Plus 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:**

Effective decisions can be made on Saint Helena to significantly reduce the risk of drought and mitigate against impacts of climate change.

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<b>Project summary</b>	<b>Measurable Indicators</b>	<b>Means of verification</b>	<b>Important Assumptions</b>
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**Outcome:**

Provide accurate and reliable climate and water resource data so that island decision makers can implement effective climate change mitigation and sustainable water resource management measures.

0.1 Desk Study  
0.2 Collection of climate and water resource data  
0.3 Island water balance and climate data interpretation  
0.4 Protocols for climate data reporting, interpretation and data distribution. Accurate short and long range weather forecasting  
0.5 Reporting

0.1 Completion of desk study and reporting of outcomes  
0.2 Field data collection and interpretation of meteorological, hydrology, hydrogeology and meteorological data  
0.3 Agreed protocols for climate data reporting and distribution. More accurate local weather forecasting  
0.4 Final report

Access is made available to literature archives and data sources. Topography is accessible. Equipment can be shipped or flown by air freight to the island in good time to allow a minimum 24 months data collection. Climate and water monitoring equipment performs reliably to collect remote datasets. Procurement process enable the timely purchase of project equipment. Land access agreements/ approvals are in place for installation of permanent weather stations. Flights to and from the island are not delayed by fog/mist or other issues, preventing timely installation of equipment. The island supply ship is not delayed due to mechanical failure and import duties are stable for the project duration. Geophysics rental equipment can be air freighted to the island.

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**Output 1:**

Desk Study - to collate archive data. Q1 and Q2 Year 1 (6 months).

1.1 Collate climate and water resource background data from SHG, Connect Saint Helena, and mainland literature to produce 2 datasets spanning at least 150 years of data by Year 1 Q2.  
1.2 Desk based assessment and analysis of SHG archive water resource reports and climate data by Year 1 Q4.  
1.3 Desk Study Report Section. Year 1 Q4.

1.1 Document search at SHG, Connect Saint Helena, mainland literature search.  
1.2 Completion of desk study section of project report. Historic climate trends, water balances and stream flows. Review of historic baseline evidence.  
1.3 Field visit completed, 2 datasets compiled and archived in SAERI Metadata catalogue.  
1.4 Publication of desk study project report including analysis of historical climate trends, water balances and stream flows.

Reports and data sets are available to assess a baseline.  
Gaps in data are identified to support interpretation of new data and location of new monitoring equipment. Field visit can be organised and completed in first few weeks of project.  
Reports and data sets are available to assess a baseline.  
Gaps in data are identified to support interpretation of new data and location of new monitoring equipment.

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**Output 2:**

Collection of climate and water resource data. Q1 Year 1 to Q2 Year 3 (30 months)

2.1 Procurement of stream monitoring equipment (6 x Diver logger, 2 x Diver barometric logger, Diver comms equipment, 1 x stream flow meter, 1 x portable flume). Year 1 Q1.

2.2 Procurement of groundwater monitoring equipment (4 x Diver logger). Year 1 Q1.

2.3 Procurement of climate monitoring equipment (8 x Hobo Rain gauge data logger, 6 x Juvik style mist collectors, 6 x automated weather stations, 17 x Hobo temperature/RH data loggers, weather station and logger comms equipment). Year 1 Q1.

2.4 Recruitment of Water Resource Monitoring Technician. Year 1 Q2.

2.5 Water features survey – identify 6 stream flow monitoring locations and 4 groundwater monitoring locations. Year 1 Q2.

2.6 Identify 4 geophysics survey lines. Year 1 Q2.

2.7 Installation of stream and groundwater monitoring equipment. Year 1 Q2.

2.8 Installation of permanent meteorological monitoring equipment in 6 locations across Saint Helena, upgrade select ENRP monitoring locations and install temperature/humidity data loggers. Year 1 Q2.

2.1 Stream monitoring equipment ordered. Equipment shipped to Saint Helena and received at customs. Year 1 Q2.

2.2 Groundwater monitoring equipment ordered. Equipment shipped to Saint Helena and received at customs. Year 1 Q2.

2.3 Climate monitoring equipment ordered. Shipped to Saint Helena and received at customs.

2.4 Employment of Water Resource Monitoring Technician.

2.5 Induction and field monitoring training of Water Resource Monitoring Technician. 1 weeks training, 2 days classroom and 3 days field based.

2.6 Selection of water monitoring locations. 1 x report to project board.

2.7 Monitoring location plans x 3 showing stream, groundwater and climate monitoring locations.

2.8 Field monitoring manual x 1.

2.9 Installation of all field equipment. 1 x report to project board. Data made available 1 month after installation.

2.10 Geophysics survey line map x 1. Data made available 1 month after completion of survey.

2.11 Geophysics survey field work. 1 x end of field survey report to project board. Initial presentation of field

Terrain is difficult to access and prevents the installation of equipment at some identified monitoring locations.

Equipment is procured and shipped to Saint Helena in time to meet project programme. All equipment performs well and does not suffer technical problems. Remote monitoring equipment does not suffer power loss (trickle charge batteries via solar PV).

Pressure transducer calibration does not drift.

Telemetry system for automated weather stations works as expected.

Staff resources are available to collect all monitoring data required for project.

Water Resource Monitoring Technician has been employed within first 6 months of project.

24 to 36 months data is collected during the project for interpretation.

2.9 Collection of daily climate data using telemetry systems and data loggers. Year 1 Q2 to Year 3 Q2.

2.10 Collection of monthly stream and groundwater level data logger data. Year 1 Q2 to Year 3 Q2.

2.11 Collection of weekly manual stream flow gauging data. Year 1 Q2 to Year 3 Q2.

2.12 Geophysics survey. Year 1 Q3 and Q4.

2.13 Interpretation of catchment geology and hydrogeology (report chapters). Year 1 Q4 and Year 2 Q4.

data made available at a board meeting at the end of the survey programme.

2.12 Geophysics report of baseline geophysics survey. Q4 Year 2.

2.12 Water features survey section of project report. Year 1 Q4.

2.13 Climate and water resource data sets and interpretive reporting. Collect 24 to 30 months of baseline field data. Monitoring data sets comprise measurements of stream, groundwater and climate parameters (hourly groundwater level, surface water level, temperature, humidity, wind direction, wind speed, mist, rainfall, barometric pressure and weekly surface water flow).

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**Output 3:**

Island water balance and climate data interpretation. Year 3 (12 months)  
Communication and events – quarterly and annually Year 1 to Year 3

3.1 Calculation of water balances from collated water level, flow, meteorological and geophysics survey data. Year 3 Q1 to Q4.  
3.2 Interpretation of climate data across island. Year 3 Q1 to Q4.  
3.3 Interpretation of water balance – identify trends and/or relationships between climate and catchments across the island. Year 3 Q4. Draft water balance in Year 2 Q4.  
3.4 Refined ecosystems services assessment for water resources. Year 3 Q1 to Q4.  
3.5 Water efficiency and water reduction outreach to public. Year 1 to Year 3.

3.1 Reporting of baseline catchment hydrology, hydrogeology, island meteorology and geophysics survey data. 4 x project report chapters.  
3.2 Report of climate data across island submitted to stakeholders  
3.3 Reporting of island water balance and interpretation of the relationships/trends with climate and ecosystem services. 1 x project report chapter.  
3.4 Ecosystems services project report chapter.  
3.5 Water efficiency and reduction public outreach events and communications. 3 x annual water efficiency events, 12 x public communications (newspaper, website, radio –quarterly basis).

Sufficient data can be collected to calculate a water balance and assess variation in climate across the island.  
Meteorological data is of sufficient resolution to allow differentiation of climate across the island.  
Geophysics data is of sufficient resolution to interpret changes in geological formation at depth.

**Output 4:**

Protocols for climate data reporting, interpretation and data distribution. Year 1 to Year 3

4.1 Consultation with key stakeholders to determine key uses for climate data. Year 1 Q2 to Q4.  
4.2 Development of standard climate data reports, stakeholder agreement of frequency of reporting and format for delivering reports. Year 1 Q4.  
4.3 Providing climate data in agreed formats. Year 2 and Year 3.  
4.4 Annual island climate data report. Q4 Year 1 to Year 3.  
4.5 World Observation Weather network data upload. Year 1 Q2 to Year 3 Q4.

4.1 Up to 3 stakeholder consultation events with a minimum of 5 stakeholder groups.  
4.2 Reporting of protocols to stakeholders. 1 x report.  
4.3 Climate data reports for key stakeholders. Year 2 to 3 monthly data distribution in agreed format following consultation. 24 x data reports.  
4.4 Annual island climate data report.  
4.5 Upload of data to World Observation Weather network on a monthly basis. Met Office email verification on a monthly basis.

Standard climate data sets, frequency of reporting, method of reporting and access to data is agreed by island stakeholders. Staff resources are provided to continue providing climate data in agreed formats beyond the end of the project.

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**Output 5:**

Reporting

5.1 Collation of all desk based and field data, interpretation and of all data. Year 3 Q2.  
 5.2 Draft water security plan for public consultation by Year 2 Q1.  
 5.3 Final water security plan consultation by Year 3 Q1.  
 5.4 Island water security plan published by Year 3 Q4.  
 5.5 Production of project final report by Year 3 Q4.

5.1. Circulated draft Final report x 1 to project partners and project board.  
 5.2. Draft water security plan published and circulated (x 1) to SHG Environment and Natural Resources Committee.  
 5.3 Water security plan public consultation (public communications and minimum of 1 x public consultation events).  
 5.4 Water security plan adopted by SHG Environment and Natural Resources Committee as a national plan. Published on SHG and Connect Saint Helena web sites.  
 5.5 Final report published and submitted to project board, Darwin Plus and project partners. Uploaded to SHG, Connect Saint Helena and Darwin Plus web sites.

All data and reporting is completed within the 36 month project programme. Sufficient data and identification of trends/relationships to identify options for water resource management. Environment and Natural Resource Committee of SHG endorse the water security plan for public consultation. Environment and Natural Resource Committee approve final version of the water security plan.

**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.**

Activity 1.1 to 1.3 contribute to Output 1. Output 1 is required to evaluate existing information and data associated with Saint Helena's climate, water resources, geology and hydrogeology as a baseline for the project.

Activity 2.1 to 2.13 contribute to Output 2. Output 2 is required to collected surface water, groundwater and

climate data needed to calculate an island water resource water balance and to interpret the relationship between surface water and groundwater.

Activity 3.1 to 3.5 contribute to Output 3. Output 3 is required to interpret island climate data, calculate and interpret the island water balance and complete an ecosystem services assessment of island water resources. Output 3 will also support public outreach events to promote water efficiency measures that islanders and businesses can adopt to save water and reduce overall water consumption.

Activity 4.1 to 4.5 contribute to Output 4. Output 4 will develop protocols for the distribution of climate data to key island stakeholders and upload island climate data to the World Observation Weather network.

Activity 5.1 to 5.5 will contribute to Output 5. Output 5 is required to complete the final project report. Outcome 5 will also support the development, consultation and adoption of an island water security plan, to outline an island response to water shortages and development of a sustainable water supply for the island.

## Section 13 - Implementation Timetable

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### **Q29. Provide a project implementation timetable that shows the key milestones in project activities**


**Provide a project implementation timetable that shows the key milestones in project activities. Complete the Excel spreadsheet template as appropriate to describe the intended workplan for your project.**

[Implementation Timetable Template](#)


**Please add/remove columns to reflect the length of your project. For each activity (add/remove rows as appropriate) indicate the number of months it will last, and fill/shade only the quarters in which an activity will be carried out. The workplan can span multiple pages if necessary.**

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 [DPR8S2\\_1026 Implementation Timetable](#)

 24/11/2019

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 xlsx 24.65 KB

## Section 14 - Monitoring and Evaluation

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### **Q30. Monitoring and evaluation (M&E) plan**

**Describe, referring to the Indicators above, how the progress of the project will be monitored and evaluated, making reference to who is responsible for the project's M&E.**

**Darwin Initiative projects are expected to be adaptive and you should detail how the monitoring and evaluation will feed into the delivery of the project including its management. M&E is expected to be**

**built into the project and not an 'add' on. It is as important to measure for negative impacts as it is for positive impact. Additionally, please indicate an approximate budget and level of effort (person days) to be spent on M&E (see [Finance Guidance for Darwin/IWT](#)).**

The Monitoring and Evaluation of the project will be led by SHG and the progress of the project against key milestones and indicators will be appraised by a Project Steering Group made up of partner organisations that will meet biannually. Minutes from these meetings will be circulated to all partners with any actions necessary articulated and actioned for the next meeting. At Steering Group meetings, the Project Manager will feedback project progress and detail any problems or perceived potential problem so that the Steering Group can discuss and formulate solutions.

The Steering Group will comprise the following individuals and institutions:

Darren Dunan Saint Helena Government (Project Lead)  
Murray Henry Saint Helena Government (Project Manager)  
Lawrence Muranganwa Connect Saint Helena  
Dr Rebecca Cairns-Wicks St Helena Environmental Research Institute  
Ben Sansom Arctium  
Dr Alan Gray Centre for Ecology and Hydrology  
Steve Palmer UK Met Office

There will be regular communication among project partners, facilitated by e-mail and the Darwin Project Manager on St Helena. The Project Manager will report to the Steering Group quarterly and to the Project Lead on a monthly basis. There will also be allowance for reporting on an Ad Hoc basis when the need arises.

The Project Manager is responsible for the risk management process and the risk mitigation/control actions needed to manage that risk. Risks will be summarised in a project risk register developed by the Steering Group at the start of the project and will be updated on a regular basis. Assessment of risks to the project will be carried out through a learning cycle which identifies the risk, analyses it, plans for it and puts in place protocols for mitigation and monitoring. The Project Manager will report risks as appropriate to the Steering Group. The Project Manager can also access the expertise of the Steering Group to assist in the identification of risks and possible mitigation actions. Risks associated with data management will be identified and mitigated using a data management plan in consultation with the Steering Group.

Although a necessarily ambitious project, there are a number of key indicators that will show the progress of the project as catalysed by the launch of several ongoing initiatives. These include appointment of key staff, key training events, stakeholder meetings, field work and survey milestones etc.

All of the milestones and indicators are clearly articulated and time stamped and will allow us to easily access how the project is progressing. Our mechanisms will also allow timely identification of any necessity for modifications to the project due to assumption not being met that will be communicated to the Darwin Initiative as soon as they arise by the Project Manager.

Project finances will be controlled and monitored by the Connect Saint Helena finance team. Budget position will be reported monthly to the Project Manager and checked against the quarterly spend profile. The budget will also be reported at Steering Group meetings for scrutiny and advice.

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

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<b>Number of days planned for M&amp;E</b>	44.00
<b>Percentage of total project budget set aside for M&amp;E (%)</b>	9.00

## Section 15 - Certification

### Q31. Certification

**On behalf of the**

company

**of**

Saint Helena Government

**I apply for a grant of**



£298,337.00

**I certify that, to the best of our knowledge and belief, the statements made by us in this application are true and the information provided is correct. I am aware that this application form will form the basis of the project schedule should this application be successful.**

(This form should be signed by an individual authorised by the applicant institution to submit applications and sign contracts on their behalf.)

- I have enclosed CVs for project key project personnel, letters of support, budget and project implementation timetable (uploaded at appropriate points in application).
- Our last two sets of signed audited/independently verified accounts and annual report are also enclosed.

Checked

<b>Name</b>	Darren Duncan
<b>Position in the organisation</b>	Director, Environment Natural Resources and Planning Directorate
<b>Signature (please upload e-signature)</b>	 <a href="#">Darren Duncan Signature</a>  05/11/2019  21:13:01  jpg 1.78 KB
<b>Date</b>	26 November 2019

## Section 16 - Submission Checklist



## Checklist for submission

	Check
<b>I have read the Guidance documents, including the "Guidance Notes for Applicants" and "Finance Guidance".</b>	Checked
<b>I have read, and can meet, the current Terms and Conditions for this fund.</b>	Checked
<b>I have provided actual start and end dates for this proposed project.</b>	Checked
<b>I have provided a budget based on UK government financial years i.e. 1 April - 31 March and in GBP.</b>	Checked
<b>I have checked that the budget is complete, correctly adds up and I have included the correct final total at the start of the application.</b>	Checked
<b>The application has been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).</b>	Checked
<b>I have included a 1 page CV or job description for all the Project staff identified at Question 14, including the Project Leader, or provided an explanation of why not.</b>	Checked
<b>I have included a letter of support from the Lead Organisation and main partner organisation(s) identified at Question 13, or an explanation of why not.</b>	Checked
<b>I have included a cover letter from the Lead Organisation, outlining how any feedback at Stage 1 has been addressed where relevant.</b>	Checked
<b>I have been in contact with the FCO in the project country(ies) and have included any evidence of this. if not, I have provided an explanation of why not.</b>	Checked
<b>I have included a signed copy of the last 2 years annual report and accounts for the Lead Organisation, or provided an explanation if not.</b>	Checked
<b>I have checked the Darwin website immediately prior to submission to ensure there are no late updates.</b>	Checked
<b>I have read and understood the Privacy Notice on GOV.UK.</b>	Checked

### We would like to keep in touch!

**Please check this box if you would be happy for the lead applicant (Flexi-Grant Account Holder) and project leader (if different) to be added to our mailing list. Through our mailing list we share updates on upcoming and current application rounds under the Darwin Initiative, Darwin Plus and our sister grant scheme, the IWT Challenge Fund. We also provide occasional updates on other UK Government activities related to biodiversity conservation and share our quarterly project newsletter. You are free to unsubscribe at any time.**

Checked

### Data protection and use of personal data

Information supplied in this application form, including personal data, will be used by Defra as set out in the latest copy of the Privacy Notice for Darwin, Darwin Plus and the Illegal Wildlife Trade Challenge Fund available [here](#). This Privacy Notice must be provided to all individuals whose personal data is supplied in the application form. Some information, but not personal data, may be used when publicising the Darwin Initiative including project details (usually title, lead organisation, location, and total grant value) on the GOV.UK and other websites.

Information relating to the project or its results may also be released on request, including under the 2004 Environmental Information Regulations and the Freedom of Information Act 2000. However, Defra will not permit any unwarranted breach of confidentiality nor will we act in contravention of our obligations under the General Data Protection Regulation (Regulation (EU) 2016/679).