

Applicant: **Pelembe, Tara**
Organisation: **South Atlantic Environmental Research Institute**
Funding Sought: **£293,100.00**

DPR7P\100069

Developing Marine Spatial Planning (MSP) tools for Turks and Caicos

PRIMARY APPLICANT DETAILS

| | |
|---------------------|--|
| Title | Mrs |
| Name | Tara |
| Surname | Pelembe |
| Organisation | South Atlantic Environmental Research Institute |
| Website | |
| Tel (Work) | |
| Email (Work) | |
| Address | |

Section 1 - Contact Details

PRIMARY APPLICANT DETAILS

Title Mrs
Name Tara
Surname Pelembe
Organisation South Atlantic Environmental
Website Research Institute
Tel (Work)
Email (Work)
Address

GMS ORGANISATION

| Type | Organisation |
|---------------------|--|
| Name | South Atlantic Environmental Research Institute |
| Phone (Work) | |
| Email (Work) | |
| Website | |
| Address | |

Q3. Lead organisation type

Please select one of the below options.

Other (e.g. Academic)

Section 2 - Title, Dates & Budget Summary

Q4. Project title

Developing Marine Spatial Planning (MSP) tools for Turks and Caicos

Q5. Project dates

Start date:

01 April 2019

End date:

30 June 2021

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

2 years 3 months

Q6. UKOT(s)

(See Guidance Notes)

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

- Falkland Islands (FI)
- Turks & Caicos Islands (TCI)

* if you have indicated a territory group with an asterisk, please give detail on which territories you are working on here:

n/a

In addition to the UKOTs you have indicated above, will your project directly benefit any other country(ies)? If so, list here.

n/a

Q7. Budget summary

| Year: | 2019/20 | 2020/21 | 2021/22 | Total request |
|---------------------------|-------------|-------------|------------|------------------------|
| Q7a. Request from Darwin: | £125,596.00 | £130,499.00 | £37,005.00 | £ 293,100.00 |

Q7b. Proposed (confirmed and unconfirmed) co-financing as % of total project cost 25%

Section 3 - Lead Organisation Summary


Q8. Lead organisation summary

Please provide the following information on the lead organisation


| | |
|---|--|
| What year was your organisation established/ incorporated/ registered? | 2012 |
| What is the legal status of your organisation? | <input checked="" type="radio"/> Other (if selected, please explain below) |
| Other explained | Research organisation |
| How is your organisation currently funded? | <p>SAERI ceased to be a FIG department on the 1st July 2017. It is now incorporated as a charity registered in England and Wales and recognised in the Falklands. SAERI also owns a trading subsidiary incorporated in the Falklands, SAERI (Falklands) Limited which aims to provide funding to assist SAERI to develop.</p> <p>SAERI receives an annual subvention from FIG. The remainder of SAERI's income is derived from grants. Revenues from commercial opportunities such as Environmental Impact Assessments and Fisheries Assessments generated by SAERI (Falklands) Limited are donated to SAERI the Charity. SAERI generates, on average, annual revenue of £1 million.</p> |
| 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. | <input checked="" type="radio"/> Yes |


Please attach the requested signed audited/independently examined accounts.

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

 **FIG Treasury - letter - SAERI - Darwin + - 030**

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Q9. Has your organisation been awarded Darwin Initiative funding 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 |
|---------------|-----------------|--|
| DPLUS 083 | Tara Pelembe | Soil map and online database as climate change mitigation tools |
| DPLUS 071 | Dr Paul Brickle | Fine scaling the design of Falkland Islands Marine Management Areas |
| DPLUS065 | Dr Paul Brickle | Mapping Falklands and South Georgia coastal margins for Spatial Planning |
| DPLUS042 | Dr Paul Brickle | Dolphins of the kelp: Data priorities for Falkland's inshore cetaceans |
| DPLUS027 | Dr Paul Brickle | Marine Spatial Planning in the Falkland Islands |
| EIDCF012 | Dr Paul Brickle | Assessing Ascension Island's Shallow Marine Biodiversity |

Section 4 - Project Partners

Q10. 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, and how local institutions, local communities, and technical specialists are involved as appropriate.

Please provide written evidence of partnerships. Please add fields for more partnerships, if required. Details on roles and responsibilities in this project must be given for the Lead Organisation and all project partners.

N.B. There is a file upload button at the bottom of this page for the upload of all letters of support.

Lead Organisation name: South Atlantic Environmental Research Institute

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

SAERI aspires to be a world renowned, environmental research institute. SAERI has the infrastructure and capacity to conduct environmental research throughout the South Atlantic and further afield. It has significant grant and project management and delivery experience which includes several previous Darwin Initiative projects. Tara Pelembe has managed a number of large projects successfully seeing them through to timely and successful delivery. Dr Paul Brickle is an established marine scientist and has overseen the SAERI input into Falkland Islands Marine Spatial Planning Process over the last 4 years. SAERI is the project leader and will be responsible for overseeing the management and delivery of the project as a whole. This includes ensuring that the project methodology is followed and all scientific outputs are robust and credible. SAERI is also responsible for all the projects financial management. In addition, SAERI will oversee the data management and has the data management infrastructure, the IMS-GIS centre,, which will take care of the management of the entire life cycle of the data generated by the project with TCIG and the Project Team.

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

Do you have partners involved in the Project?

Yes

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

1. Partner Name: Department of Environment and Coastal Resources

Website address: <https://gov.tc/dema/>

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

The Department of Environment and Coastal Resources (DECR) is a line agency of the Turks and Caicos Islands government that is mandated to ensure the sustainable use of the natural resources of the Territory and to protect and promote biodiversity and economic prosperity through sustainable fishery industry, environmentally sustainable development and a Protected Areas system. The DECR comprised of a small team located in different islands (Providenciales as the head office, with satellite offices in South Caicos and Grand Turk). The DECR works closely with relevant TCIG departments such as the Department of Planning, Survey and Mapping, Agriculture, Environmental Health, among others. The Department supports the project by providing the access to existing data, office space, support staff, meeting venues, use of vessels and other related facilities to ensure success for the project. In return, the Department's staff skills in spatial ecology and data management will be enhanced. DECR is headed by a Director and supported by a Deputy Director, 3 Assistant Directors (Enforcement; Protected Areas and Fisheries; Research and Development); Scientific Officer; Environmental Officers, Environmental Awareness Coordinator and Conservation Officers.

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

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

Yes

2. Partner Name: eftec

Website address: <https://www.eftec.co.uk/>

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

Economics for the Environment Consultancy (eftec) has been at the forefront of developing Natural Capital (NC) approaches. It has led the majority of the research contracted to support the work of the NC Committee in the UK since its formation. Our experience in the marine environment, goes back over a decade of working in multi-disciplinary teams on designations of marine protected areas and spatial planning in the UK. In addition to our UK work, which covers almost all aspects of natural capital (NC) and economic sectors, we have contributed to global guidance documents (e.g. the Natural Capital Protocol, and UNDP Biofin Guide), and different country contexts (including Norway, Pitcairn and Colombia). Recent work in the Caribbean has included developing or scoping baseline natural capital accounts for Montserrat, TCI and Anguilla.

Ian Dickie, an eftec Director will be responsible for ensuring a common understanding of ecosystem services and natural capital accounting amongst the multi-disciplinary project team. His inputs to project planning will ensure data is organised to support ecosystem services assessment, including ecosystem services valuations where relevant. He will ensure these approaches are linked to the spatial planning, GIS and environmental policy contexts for the work.

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

3. Partner Name: N/A

Website address: N/A

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

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

4. Partner Name: N/A

Website address: N/A

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

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

5. Partner Name: N/A

Website address: N/A

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

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

6. Partner Name: N/A

Website address: N/A





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





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

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

Note: Letters of support from the TCI Minister and the Joint Nature Conservation Committee are also included.

Please provide letters of support from the lead organisation and all partners as a combined PDF.

 **LoS combined TCI MSP**
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 pdf 1.58 MB

 **Cover letter SAERI**
 03/09/2018
 14:34:03
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Section 5 - Project Staff

Q11. Project staff

Please identify the core staff on this project, their role and what % of their time they will be working on the project.

These should match the names and roles in the budget spreadsheet.

Please provide 1 page CVs for these staff.

| Name (First name, Surname) | Role | % time on project | CV attached below? |
|----------------------------|--|-------------------|--------------------|
| Tara Pelembe | Project Leader | 1 | Checked |
| Dr Paul Brickle | Executive Director, SAERI | 5 | Checked |
| tbc | Project Manager (Marine Ecologist) | 100 | Checked |
| tbc | Project Officer (GIS and data manager) | 100 | Checked |

Do you require more fields?


Yes


| Name (First name, Surname) | Role | % time on project | CV attached below? |
|----------------------------|--|--------------------|--------------------|
| Lomeka Williams | Deputy Director (DECR) | 5 | Checked |
| Luc Clerveaux | Assistant Director for Law enforcement (DECR) | 10 | Checked |
| Dr Eric Salamanca | Assistant Director for Research and Development (DECR) | 5 | Checked |
| Teresa Bowers | Deputy Director - Business & Programmes (SAERI) | 1 | Checked |
| Ian Dickie | Director (EFTEC) | 1 | Checked |
| Dr iLaria Marengo | GIS and Data Manager (SAERI) | 1 | Checked |
| N/A | N/A | <i>No Response</i> | Unchecked |
| N/A | N/A | <i>No Response</i> | 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 CVs clearly correspond to the named individual and role above.

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

 **CVS COMBINED TCI MSP**

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Have you attached all Project staff CVs?

Yes

Section 6 - Background & Methodology

Q12. Summary of Project

Please provide a brief summary of your project, its aims, and the key activities you to undertake. 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. Please bear this in mind, and write this summary for a non-technical audience.

Through an innovative integrated, stakeholder-led approach - connecting science and communities, this project builds a Territory to Territory partnership between SAERI in the Falklands Islands and DECR in the Turks and Caicos Islands (TCI) to Develop Marine Spatial Planning (MSP) tools for TCI to feed into long-term planning and decision-making in the marine environment.

Q13. Background

What is the current situation and the problem that the project will address? How will it address this problem? What key OT Government priorities and themes will it address?

MSP is a stakeholder-driven science-based process to develop a strategic plan for managing and protecting the marine environment, addressing multiple and cumulative uses of the sea and achieving ecological, economic and social objectives.

TCI currently has no such holistic strategic approach to marine management, but this was identified as a priority action in the 2012 TCI FCO/JNCC funded "Environmental Mainstreaming" report.

There are a range of stakeholders working in TCI's EEZ, which is rich in biodiversity, and provides important ecosystem goods and services including its vital disaster mitigation role. However, there is risk to the marine environment from resource extraction and coastal development and such pressures are likely to intensify. Existing management, use and legislation needs to be improved to ensure sustainability. This project will create the framework and tools to bring together these functions and uses of the marine environment, which is essential for developing a MSP in TCI and includes a series of reviews, stakeholder meetings and workshops; an all-island metadata catalogue and GIS database for analyses and visualisation.

TCI are considering ratifying CBD and this work will contribute directly to Aichi Targets and to TCIG commitments that were established under the Environment Charters (also see Q15).

Q14. 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). Give details of any innovative techniques or methods.

Project delivery is through 4 interconnected work packages.

WP1: Project management: An experienced Project Manager (Spatial Ecologist) and Project Officer (GIS and

data) will be based in DECR in TCI. A partners Project Management Group (PMG) will oversee the project implementation and wider stakeholders will be engaged through 6 monthly Project Stakeholder group (PSG) meetings and the 3 project workshops. DECR and SAERI project staff will provide training and work closely with the project officers throughout. SAERI will deliver training in open source GIS and databases as it recognises that proprietary software has been a barrier to GIS capacity building in UKOTs.

WP2: Development (and extensive analyses where appropriate and feasible) of GIS baseline maps. This will involve:

Collation (including the development of a metadata catalogue) of the considerable volume of existing data on marine species and environments available from published and unpublished governmental, industrial/commercial and other non-governmental sources. This will enable mapping examples of data that contributes to the aims i.e. coastlines, habitats, resource extraction (fisheries/minerals), shipping, tracking data, seabird data, mammal data, turtle data, physical data, cultural heritage, socio-economic and natural capital values etc. Shape files of MPA and current zoning will be consolidated.

A re-examination of satellite track and logging data collected from seabird species, satellite tagged turtles and higher marine predators (sharks and cetaceans) to gain new data on ecologically important marine areas.

Collation of AIS (Automatic Information System) data to examine commercial and non-commercial shipping movements and zones.

Input into the 'asset register' structure of TCI's existing CSSF-funded Natural Capital Account (in prep – etec, 2018). This organises data on the extent, condition and spatial configuration of assets, providing a system to organise data in accordance with Natural Capital definitions which:

- o Enables consistent physical measurement of stocks and flows over time;
- o supports valuation, including where possible monetary valuation, of ecosystem services from the marine environment, and is explicitly forward-looking, valuing assets based on the future benefits they can provide.

WP 3: Stakeholder engagement: The series of workshops and stakeholder meetings are integral to the MSP process and help to create and populate the GIS data and map layers and to review and discuss the potential approaches to MSP in TCI and the application of these data. This includes a review of relevant regional and international best practice, including, inter alia, bio-regionalisation, regional GIS with data layers for key biota (species and habitats), existing protected/specially managed areas and resource use/extraction (mainly fishing effort) and other key marine activities. The review will include MSP frameworks implemented successfully on other small island nations/territories.

WP 4: combines WP1 and WP2 using ecosystem-based approaches, to provide advice on appropriate policies, practices and frameworks for MSP in the coastal, inshore and offshore waters of TCI. This will include specific advice on the establishment of potential provisions for areas of importance for economic, social / cultural heritage and indeed ecological and biological sensitivity, and advice on protection/enhancement of the habitats that provide protection from hurricane generated storm surge.

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

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

No Response

Section 7 - Objectives, Stakeholders & Sustainability

Q15. Project Objectives

How does this project:

- **Deliver against the priority issues identified in the assessment criteria**
- **Demonstrate technical excellence in its delivery**
- **Demonstrate a clear pathway to impact in the OT(s)**

A) Priority Issues

Priority areas: The project is well aligned with priority funding areas identified in Round 7, in particular 1) Contributing to the delivery of a well-managed Blue Belt of marine protection around the OTs, 2) Responding to, and mitigating against, the impacts of natural disasters on the OTs. 3) It also delivers a novel and innovative approach to MSP developed in the Falkland Islands, 4) involves partnerships in order to provide greater capability for the partners by sharing cross Territory expertise and 4) incorporates the use of natural capital.

Contribution to multilateral environmental agreements: Although TCIG have not ratified CBD it is working towards this and as such, this project contributes to Aichi Targets 11 (10% of oceans in marine protected areas), 10 (Vulnerable Ecosystems) and 19 (biodiversity knowledge improved).

National Commitments: The project will help TCIG to meet commitments under the Turks and Caicos Environmental Charter, in particular commitments 1 (To recognise that all people need a healthy environment for their well-being and livelihoods and that all can help to conserve and sustain it), 2 (To use our natural resources wisely, being fair to present and future generations), 3 (To identify environmental opportunities, costs and risks in all policies and strategies), 5 (To aim for solutions which benefit both the environment and development).

B) Technical Excellence

The project will deliver a suite of novel, highly integrated, spatial and ecosystem-based approaches, maximising data already available, to deliver this project. The IMS-GIS Centre for the South Atlantic (by SAERI) will also offer important synergies. Baseline knowledge of TCI marine usage and biodiversity will be consolidated using GIS and geospatial analyses. SAERI has developed technical excellence in the development of small-island models for Marine Spatial Planning and data management approaches that is sensitive to scale and resource limitation, while retaining credibility, this technical excellence that has been developed on the Falklands under previous projects will be shared with TCI.

C) Impact

This project has been developed with our local partners in the TCI Government (i.e. DECR) and project scoping consultations with TCI government have resulted in departmental and ministerial level support (see LoS). This has prepared a pathway for impact, which will be built upon during the project by the DECR and on-island project staff. This high-level support is crucial for ensuring the use and application of the tools that this project develops and ensuring the long-term continuation and sustainability of the MSP process. The project will be run by Islanders, for Islanders, building substantial local capacity and availability for essential follow-on work.

Q16. 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.

One of the key stakeholders is the Turks and Caicos Islands Government (TCIG). DECR, the main project partner is a TCIG department and has been actively engaged in the project development. The Minister for the department also supports the project (see LoS). Other government departments (including Survey and Mapping, Maritime Department; Crown lands; Planning Department; Ports Authority) were consulted during the project-scoping visits (March and June 2018).

The private sector is an important stakeholder sector in MSP and project partners met key private sector organisations and individuals during the project-scoping visit – this included Big Blue, Turks and Caicos Reef fund; Silver Deep.

These project stakeholders were informed of the project via a concept note and a series of meetings with a PowerPoint presentation highlighting the issues and the solutions the project will provide. The project will continue to engage them through the project stakeholder group and regular meetings (as required) with project staff on island.

The wider scientific community will be key stakeholders in establishing the existing evidence-base, and will be contacted at project start-up and Workshop 2 will target this stakeholder group specifically.

The TCI community, Industry stakeholders and those involved in the exploitation, resource extraction, shipping, recreation and conservation of marine resources and biodiversity locally and internationally are project stakeholders and will be engaged through the stakeholder engagement processes

All stakeholders will be kept informed via the Project Officers, a project website and regular online blogs, and will be invited to 6-monthly PSG meeting, and targeted workshops.

Q17. Institutional Capacity

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

South Atlantic Environmental Research Institute (SAERI) is an FIG initiative. SAERI aspires to be a world renowned, well branded environmental research institute. SAERI has the infrastructure and capacity to conduct environmental research throughout the South Atlantic from the equator to the ice in Antarctica. SAERI's Director is an established marine scientist with many years' experience managing and co-ordinating multi institutional research projects. SAERI's IMS-GIS data centre, will take care of the management of the entire life cycle of the data generated by the project. Data documentation and accessibility will be ensured through filling the metadata form (as requested by the research permit) and by creating a user-friendly and easy to use webGIS service open to the wide public. Data storage occurs on a dedicated server backed up daily and off-site.

The Department of Environment and Coastal Resources (DECR) of the Turks and Caicos Government is mandated to ensure the sustainable use of the natural resources and to protect and promote biodiversity and economic prosperity in the Territory. The DECR is headed by a Director and supported by Deputy Director, 3 Assistant Directors, Scientific Officer, 4 Environmental Officers and Conservation officers plus support staff (Administration and field workers). Its technical staff have relevant graduate degrees but lack

specific expertise on geospatial ecology and data management. The DECR have several active projects in partnership with international institutions/universities in fisheries management, species conservation, climate change, biosecurity, mapping and marine biodiversity, among others. DECR staff are actively involved in policy and legislative works in TCI.

Economics for the Environment Consultancy (eftec) is the first UK consultancy set up to specialise in environmental economics. Since 1992, it has strived to maintain this leading position by testing the tools of environmental economics in new areas. eftec has been at the forefront of developing NC approaches. It has led the majority of the research contracted to support the work of the NC Committee in the UK since its formation. Our experience in the marine environment, goes back over a decade of working in multi-disciplinary teams on designations of marine protected areas and spatial planning in the UK. Part of our significant contribution to the development of the UK National NC Accounts involved leading a marine account scoping study in 2015. eftec has a team of 15 consultants based in London. Its work will be led by Ian Dickie, one of the company's directors.

Q18. Sustainability

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

This project will enable TCIG to plan for, and manage, the sustainable use of its marine environment. It will provide the foundation (of data and options for policy and practice) for MSP. Given the need to ensure sustainable development of local (and regional) marine resources in balance with conservation and protection of marine stocks, species, habitats and systems, TCIG and all stakeholders have a common interest in ensuring the future development and viability of this process.

It will also enable monitoring of potential climate change impacts on habitats, community structure, species and populations. Biodiversity and community ecology analyses of data will provide reference points for future comparisons to elucidate any climate change impacts.

Through the in-country based project posts, and project workshops, the project will build local and cross-territory capacity in data collection, analysis and implementation of MSP and will engage stakeholders in the sustainable use of the marine environment in order to develop a strategy for wider MSP.

Public facing web-GIS will be developed containing data collected, modelling outputs and delineations for proposed designated areas, and will be updated post-project as new information is received acting as a functional management tool for TCIG and the wider community.

Section 8 - Funding and Budget

Q19. 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 Darwin Plus budget

- **R7 D+ Budget form for projects under £100,000**
- **R7 D+ Budget form for projects over £100,000**

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

N.B.: Please state all costs by financial year (1 April to 31 March) and in GBP. 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.

↓ [D+ Round 7 TCI budget draft v3](#)

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📎 xls 127.5 KB

Q20. 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.

(See "[Finance for Darwin & IWT](#)" and the "[Guidance for Applicants](#)" documents)

Co-financing has been secured from two project partners.

- TCIG will provide the following in-kind: staff time, office space and associated office costs for project staff; import duty (40%) on the vehicle will be waived (as it will be a TCIG vehicle).
- SAERI will provide in-kind staff time for Dr Paul Brickle.

The total in-kind contribution is 25 % of the overall project cost.

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 |
|------------------|--------------------|-------------|---------------|----------|
| No Response | N/A | No Response | No Response | N/A |
| No Response | N/A | No Response | No Response | N/A |
| No Response | N/A | No Response | No Response | N/A |
| No Response | N/A | No Response | No Response | N /A |

Please give brief details including when you expect to hear the result. Please ensure you include the figures requested in the Budget Spreadsheet as Unconfirmed funding.

N/A

Do you require more fields?

No

Section 9 - Financial Controls, Value for Money & Open Access

Q21. 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?

SAERI will be responsible for setting up the financial reporting systems to ensure that governance is strictly adhered to in accordance with SAERI and the Darwin+ Financial guidelines.

SAERI is a Charitable Incorporated Organisation registered in England and Wales. Grant payments will be administered, and project expenditure tracked, by SAERI's Deputy Director (DDBP). Funds will be in a ring-fenced project account with access limited to the accountant, PM and DDBP. DDBP has donor fund management, charity CEO and investment fund management experience. SAERI's accounts are annually audited. Prior to splitting from FIG, SAERI's accounts were audited with FIG infrastructure from FIG Treasury. The accountancy system and management controls were proven through previous funding awards of similar magnitude. SAERI has successfully completed and audited DPLUS027. The PM, under the guidance and approvals of the DDBP, will submit a quarterly budget for approval to the PMG and quarterly financial reports to Darwin+.

Q22. 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.

SAERI has standardised financial policies and procedures which have clear checks and balances for managing all of the organisations finances. It manages multiple projects from multiple funding sources and strict financial reporting procedures are adhered to.

The financial controls outlined in the section (Q21) above form an integral part of the systems in place to mitigate against any threats or risks of fraud or bribery. SAERI operates UK and FI bank accounts and access is limited to the Deputy Director and the Executive Director. All transactions are reviewed by two individuals and cross-checked.

In addition, SAERI has in place the following relevant documents:

- Anti Bribery and Corruption Policy
- Data Protection Policy
- Whistleblowing and Public Interest Disclosure Policy
- Internal Financial Procedures (oversight from Mazars)
- Delegation of Authority
- Terms of reference for the Board of Trustees, an Audit Committee and a Remuneration Committee

Q23. 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.

SAERI and TCIG have galvanised (25%) match funding for the project.

SAERI has managed a number of Darwin Plus project and provides excellent value for money to support TCI in the delivery of this project.

On Island government partners have contributed their time as in-kind showing not only good value for money but a clear commitment to the project and its delivery, which is particularly important as policy impact is a desired project outcome which can only be delivered by TCIG partners.

Therefore, there is important match funding from the project partners' institutions, and the DECR which provides the use of office facilities. The international project partners contribute very specifically in areas where additional expertise is required to complement on-island expertise, which limits the costs associated with international charge out rates and travel etc.

The budget was calculated from actual costs incurred by SAERI in managing similar projects, and in consultation with DECR [to establish realistic on-island costs] .Emphasis has been given to providing the project with the necessary equipment and expertise for success.

Q24. 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.

Processes established under project work mean all outputs will be made available online and free to use whenever possible.

Information: Reports, meeting notes, training manuals, volunteer resources etc. will be made available online via the dedicated project webpages set up on the SAERI / DECR websites. Project partners will link through to these web pages, and provide relevant updates

TCI data will be deposited in the MSP meta-data catalogue. Protocols on data documentation, security, access, preservation of ownership and intellectual property rights will be put place. The single centralised location and standardised data request procedure maximise the profile and accessibility of existent data. SAERI is ideally placed to ensure and promote the promulgation and use of project data. All metadata generated will be available online via the TCI MSP metadata catalogue. Additionally, the data will be accessible online to everyone through the project-based webGIS service. Previous Darwin projects (DPLUS027, DPLUS063) and current ones (DPLUS052, DPLUS042) have already and will be published online. The data analyst will be responsible for keeping the data on a spatial database as much as possible and allow data sharing among the project partners to facilitate the collaboration. All data, after being published by the researchers involved in the project, will be available as open access.

All peer-reviewed journal articles will be targeted at open source journals and there is some institutional budget to ensure this.

The project will of course also adhere to the DPLUS data requirements as outlined in the DPLUS Terms and

conditions.

Q25. Safeguarding

See Guidance Note 3.7

Projects funded through Darwin Plus 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 check the box to confirm you have relevant policies in place at that these can be available on request.

Checked

Section 10 - Logical Framework

Q26. 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.

Annex D and Annex E in the Guidance Notes provides helpful guidance on completing a logical framework, including definitions of the key terms used below.

Impact:

review, analyses and consultation, the project will create the framework and tools essential for Marine Spatial Planning in TCI. Enabling the planning and sustainable development of its marine environment.

| Project Summary | Measurable Indicators | Means of Verification | Important Assumptions |
|---|---|--|---|
| Outcome: The creation of a MSP toolbox, a MSP framework with stakeholder consultation and engagement leads to TCIG embarking on a robust and efficient MSP programme for their national waters. | 0.1 Policy Framework to support MSP 0.2 TCIG adopt a MSP process for their National waters and EEZ | 0.1 Policy paper submitted to the TCIG Cabinet and agreed 0.2 MSP Strategy officially announced by TCIG | Staffing turnover in TCIG enables the continued progress of policy development Political will under the elected TCIG legislators will continue to support the progress of this process |

Output 1:

WP1. Project Management structure, monitoring, evaluation and communications tools established

1.1 Memorandum of Understanding (MoU) agreed and signed by all partners by May 2019.
1.2 Project Officers recruited and in place by August 2019.
1.3 A Project Management Group (PMG) meeting held every 3 months starting May 2019.
1.4 A Project Stakeholders group (PSG) meeting held every 6 months starting May 2019.
1.5 At least 1 project webpage created by August 2019, and at least 1 update to the page made every 3 months.
1.6 Monitoring and evaluation plan developed and circulated by September 2019.
1.7 Regular DPLUS reports submitted as required (yearly and half-yearly).

1.1 MoU signed by all parties.
1.2 Project Officers' employment contracts signed.
1.3 PMG meeting notes circulated and then available online.
1.4 PSG meeting notes circulated and available online.
1.5 Project webpages hosted by TCIG and SAERI and online for viewing.
1.6 Monitoring and evaluation plan available online.
1.7 DPLUS reports available to project partners.

Recruitment results in appropriate candidates being recruited and available to be on island within the given time frame.

Continued resource from project partners available to engage with the project for its duration.

Output 2:

WP2. Development (and extensive analyses where appropriate and feasible) of GIS baseline data maps

2.1 Review of extant data ((20 data sets) relevant to MSP in the TCI by December 2019.
2.2 Creation of metadata catalogue (ISO19115), October 2019 and ongoing.
2.3 Collation, assimilation of relevant data (initial 20 data sets) and creation of project specific geospatial databases, ongoing.
2.4 at least 5 DECR staff trained to use and maintain the metadata catalogue by maintenance October 2019.
2.5 Review of relevant regional and international best practice, undertaken by. October 2019.
2.6 Review of Marine Spatial Planning frameworks implemented successfully on other small island nations / territories by October 2019.
2.7 Re-examination of tracked data Starting January 2020 until July 2020
2.8 Examination of current MPA delineation in light of current analyses. February 2020
2.9 Modelling coastal cultural values (at least 200 islanders surveyed). Journal article prepared., July 2020
2.10 Build MSP GIS platform and supporting databases to accommodate data captured in the MSP

2.1 Review forms the basis of the metadata catalogue that conforms to ISO19115
2.2 The metadata catalogues is circulated to partners for approval and then available on the project's website
2.3 Databases created and data secured within DECR's server and cloud and mirrored in SAERI's IMS-GIS Centre
2.4. Training feedback forms available.
2.5 Regional Best practice report provided to the PMG and PSG for comment
2.6 Review presented to PMG and PSG. Developed review as a peer reviewed paper by Project Manager and Project Partners
2.7 A report circulated to PMG, PSG and TCIG officials. Metadata catalogue and MSP GIS platform updated
2.8 A report circulated to PMG, PSG and TCIG officials. Metadata catalogue and MSP GIS platform updated as necessary.
2.9 A report circulated to PMG, PSG and TCIG officials also available on project's website. Metadata catalogue and MSP GIS platform updated as necessary. Peer reviewed publication completed.
2.10 MSP GIS platform and databases created in open source and available to project partners and PMG. Data

Continued resource from project partners available to engage with the project for its duration.

| | |
|---|--|
| metadata catalogue. Starting January 2020 and ongoing. | secured on MSP server housed in DECR and cloud. |
| 2.11 at least 25 data sets that directly contribute to MSP objectives mapped Starting January 2019 and on-going. | 2.11 GIS layers available for analyses and visualisation captured in MSP GIS platform. All data captured in MSP server and cloud. |
| 2.12 Open source public facing webGIS by April 2020 and ongoing. | 2.12 Official launch of the webGIS application – open to all on the web. This will be continually updated. Project |
| 2.13 At least 30 TCIG Staff and relevant stakeholders trained in WebGIS use by April 2020. | Officers trained in the maintenance of the public facing webGIS. |
| 2.14 At least 15 new data sets and layers mapped. By June – August 2020 | 2.13 Project Staff, partners and at least 5 MSP stakeholders trained in the basics of GIS so they are able to do some basic analyses and visualise data. |
| 2.15 At least 10 (Modelling) layers added to the MSP GIS platform by October 2020. | 2.14-2.16 Metadata catalogue updated and data available on MSP GIS Platform and webGIS |
| 2.16 At least 2 maps of areas of overlap and potential conflict and zoning options prepared between October 2020 – January 2021. | |

Output 3:

Work Package 3:
Stakeholder
engagement

3.1 Workshop 1
Attended by 20
stakeholders. to agree
on vision and objectives
November 2019.
3.2 Approach to be
taken forward from the
Best Practice and MSP
review agreed in
Workshop 1- November
2019.
3.3 Workshop 2 At least
20 expert participants
agree on modelling
methodologies and data
gaps May 2020
3.4 A small 'expert
working group' agreed
to contribute to
modelling work. May
2020.
3.5 Workshop 3; Project
Officer and partners
present work conducted
to date.
3.6 Stakeholders and
project team agree on
zoning.
3.7 Stakeholders and
project team conduct
and agree principles and
future practices,
agreeing a policy
framework.
3.8 Stakeholders and
project team agree on
an MSP strategy and
legacy past the end of
the current project.
Workshop conducted in
February 2021 with at
least 50 attendees.

3.1 Vision for MSP in TCI
and objectives captured
in workshop report and
circulated to PMG, PSG
and senior TCIG officials.
Report also available on
project website.
3.2 Agreed approach
captured in workshop
report and circulated to
PMG, PSG and senior
TCIG officials. Report
also available on
project's website.
3.3 Workshop report
circulated to PMG, PSG,
partners, TCIG officials
and available on
Project's website
3.4 Expert working
group ToRs drawn up to
help with second phase
data analyses.
3.5 – 3.8 Workshop
report circulated to
PMG, PSG, partners,
TCIG officials and
available on Project's
website. This results in
an agreement (PMG,
PSG and TCIG) for
project officer positions
being retained as part of
established TCIG posts
with in the DECR

Stakeholders available
and have capacity to
engage in the workshop
within the given
timeframe

Expert working group
continue to engage in
the programme and
continue to help with
the modelling work.

| | | | |
|---|---|---|---|
| Output 4: WP4: provide advice on appropriate policies, practices and frameworks for MSP | 4.1 Proceedings and recommendations of workshop communicated to senior TCIG officials. March 2021. 4.2 Policy paper on MSP delivered to cabinet for adoption that includes MSP strategy going forward with the appropriate resource. April 2021. | 4.1 Meeting between Project Team, important stakeholders and senior TCIG officials results in agreement with workshop recommendations. 4.2 Policy paper drawn up by Project Team and PMG and submitted to TCIG to be reviewed by Cabinet. Cabinet agree recommendations, implementation of MSP strategy for TCI and the retention of a MSP team within DECR. | TCIG Policy and legal departments have the capacity to engage in the drafting processes within the given timeframe. |
|---|---|---|---|

| | | | |
|-------------------------|-----|-----|-----|
| Output 5: N/A | N/A | N/A | N/A |
|-------------------------|-----|-----|-----|

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. Each new activity should start on a new line.

- 1.1 A Memorandum of Understanding (MoU) agreed and signed by all partners
- 1.2 Project Staff recruited
- 1.3 A Project Management Group (PMG) meeting held every 3 months
- 1.4 A Project Stakeholders group (PSG) meeting held every 6 months
- 1.5 Project webpage created and updated every 3 months
- 1.6 Monitoring and evaluation plan created
- 1.7 Regular DPLUS reports submitted as required (yearly and half-yearly)
- 2.1 Extant data review across TCIG and organisations relevant to MSP
- 2.2 Creation of the metadata catalogue (ISO19115)
- 2.3 Project Officers collate, assimilate relevant data create project specific geospatial databases
- 2.4 SAERI IMS-GIS Centre staff member helps create web based metadata catalogue and provides training to project staff to support maintenance
- 2.5 Project Officers complete regional and international best practice review and reviewed by PMG and PSG
- 2.6 Project Officer complete a review of Marine Spatial Planning frameworks implemented successfully on other small island nations / territories and reviewed by PMG and PSG.
- 2.7 Re-examination of tracked data (megafauna) to ascertain ecologically important areas, shipping routes (from AIS), biodiversity and environmental data.
- 2.8 Re-examination of MPA delineation in light of analyses above. MPA delineation reviewed and reported to TCIG.
- 2.9 Coastal Cultural Values survey complete and mapped and incorporated into the MSP GIS Platform
- 2.10 Project Officers, in conjunction with SAERI's IMS-GIS staff build MSP GIS Platform.

- 2.11 Project Team Map specific data that contribute to MSP objectives.
- 2.12 Project Team, with support by SAERI's IMS-GIS Centre staff, create public facing webGIS.
- 2.13 SAERI's IMS-GIS Centre staff provide training for the opens source form GIS platform.
- 2.14 New data and layers mapped and added MSP GIS platform and webGIS.
- 2.15 Project Team and Expert Working Group Conduct modelling work.
- 2.16 Project Team Map create zoning options Shape files added to GIS Platform
- 3.1 and 3.2 Stakeholder Workshop 1. Agreed approaches captured in workshop report and circulated to PMG, PSG and posted on project's websit
- 3.3 Stakeholder Workshop 2. Modelling approach agreed and further gaps identified. Workshop report circulated in PMG, PSG and TCIG.
- 3.4 Expert working group formed and ToRs drawn up.
- 3.5 – 3.8 Workshop report complete capturing agreed zoning, principles and future practices. Agree Policy framework. Paper to TCIG to retain a MSP team within DECR
- 4.1 Negotiation and communication to senior TCI officials – communicating agreements and recommendations from workshop 3.
- 4.2 Policy paper drawn up by Project Team and delivered to cabinet to approve MSP strategy going forward with appropriate resource.

Section 11 - Implementation Timetable

Q27. 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.

Darwin Plus Implementation Timetable

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.

Once you have completed your implementation timetable please upload it using the file upload tool below.

📄 [TCI MSP implementation table](#)

📅 03/09/2018

🕒 12:41:07

📄 xls 35 KB

Section 12 - Monitoring and Evaluation

Q28. 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.

The project will be implemented as a partnership between SAERI and TCIG (DECR), These organisations will be members of the Project Management Group (PMG) whose main commitment and task is to monitor and steer the project.

The PMG will have equal membership of science- and policy-focussed organisations, which will audit the scientific integrity of the work and natural resource/climate change management-oriented organisations, which will ensure that local needs and aims are met.

A Memorandum of Understanding (MoU) between all of the project partners will be established at the start of the project and will articulate the roles and responsibilities of all parties in the delivery of the project. Additionally, as part of the Project Management Structure, in the first six months of their appointment, the Project Officers will prepare a detailed Monitoring and Evaluation (M&E) plan in which a set of evaluation questions will be used to assess the effectiveness of the project's outcomes. Specific monitoring questions will be used to answer the evaluation questions and will be checked through indicators, data sources/methods to obtain the data, and the responsibilities for data collection (as mentioned in the MoU).

The M&E plan will be then submitted to the PMG for sign off. Oversight of the delivery of the M&E plan will be the responsibility of the Senior Project Officer, signing off of the implementation of the M&E plan will be the responsibility of the PMG.

The POs will present a quarterly report on progress against deliverables, M&E and a quarterly financial report to the PMG which will check that the project delivers its outputs on time, within the proposed budget, and that the quality of the outputs is of a high standard.

A Project Stakeholder Group (PSG) will also be created as a formal approach to include the stakeholders on in TCI. The six monthly meetings of this group will also provide an opportunity for a wider and more mixed audience to review and comment on the outputs of the project.

Summary reports of the project's outcomes will also be provided to the TCIG Cabinet (through appropriate channels) and to the Darwin Initiative as required by the donors reporting mandates.

An online project management and file-sharing system (Zoho or Trello) will be established to ensure all partners have access to relevant documents, targets, etc. irrespective of geographic location. Oversight of the delivery of the M&E plan will be the responsibility of the Project Officers, signing off of the implementation of the M&E plan will be the responsibility of the PMG.

A component of the M&E budget allocation will be used to bring in specialist, independent review if identified as required by the PMG during and/or at the end of the project process.

| | |
|---|-------|
| Number of days planned for M&E | 63.00 |
|---|-------|

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

| | |
|---|------|
| Percentage of total project budget set aside for M&E (%) | 6.50 |
|---|------|

Section 13 - Certification

Certification

On behalf of the

company

of

South Atlantic Environmental Research Institute

I apply for a grant of





£293,100.00

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 enclose one page CVs for key project personnel and letters of support.
- I enclose the most recent 2 sets of signed and audited/independently verified accounts.

Checked

| | |
|---------------------------------------|--|
| Name | Tara Pelembe |
| Position in the organisation | Deputy Director- Innovation |
| Signature (please upload e-signature) |  <u>Tara signature</u>  03/09/2018  12:48:45  jpg 53.42 KB |
| Date | 03 September 2018 |

Section 14 - Submission Checklist

Checklist for submission

Check

I have read the Guidance documents, including the "Guidance Notes for Applicants" and "Finance Guidance". Checked

| | |
|--|---------|
| I have read, and can meet, the current Terms and Conditions for this fund. | Checked |
| I have provided actual start and end dates for this proposed project. | Checked |
| I have provided a budget based on UK government financial years i.e. 1 April – 31 March and in GBP. | Checked |
| I have checked that the budget is complete, correctly adds up and have included the correct final total at Q7. | Checked |
| The application has been signed by a suitably authorised individual. | Checked |
| I have included a 1 page CV for all the Project staff (listed at Q11) on this project, including the Project Leader. | Checked |
| I have included a letter of support from the applicant organisation, main partner(s) organisations and the relevant OT Government. | Checked |
| I have uploaded a signed copy of the last 2 years annual report and accounts for the lead organisation, or provided an explanation if not. | Checked |
| I have checked the Darwin Plus website immediately prior to submission to ensure there are no late updates. | Checked |
| I have 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, 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 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).