

Darwin Initiative Main Project Annual Report

Important note: To be completed with reference to the Reporting Guidance Notes for Project Leaders:

it is expected that this report will be about 10 pages in length, excluding annexes

Submission Deadline: 30 April

Darwin Project Information

Project Reference	20-006
Project Title	A sustainable marine and fisheries management plan for the Pitcairn islands
Host Country/ies	Pitcairn Islands
Contract Holder Institution	University of Dundee
Partner institutions	Natural Resources Division, Government of Pitcairn Island, Zoological Society of London, Secretariat of the Pacific Community, Sea-Scope Marine Environmental Consultants
Darwin Grant Value	£249,946
Funder (DFID/Defra)	Defra
Start/end dates of project	September 2013 – September 2016
Reporting period (e.g., Apr 2015 – Mar 2016) and number (e.g., Annual Report 1, 2, 3)	April 2014 – March 2015 Annual Report 2
Project Leader name	Professor Terence Dawson
Project website/blog/Twitter	http://www.zsl.org/regions/uk-and-overseas-territories/pitcairn-islands-marine-conservation
Report author(s) and date	Terry Dawson, Heather Koldewey, Robert Irving, Michel Blanc, Sue O'Keefe, 4 May 2015.

1. Project Rationale

Given their extremely isolated location and difficulties of access, the Pitcairn Islands' marine habitats are one of the UKOTs least known ecosystems (Figure 1). Scientific evidence for fisheries management of Pitcairn's Exclusive Economic Zone (EEZ) remains insufficient for decision-making, as highlighted by the PEMP report (Smyth, 2009) and confirmed by our Challenge Fund report (2012). Global fishing pressures on migratory species, especially tuna and billfish, have resulted in commercial fishing fleets increasingly approaching the Pitcairn Government to lease their fishing rights. Further, the Secretariat of the Pacific Community (SPC) proposed that the Pitcairn community develop commercial reef fisheries for export to neighbouring Mangareva (Gambier Islands, French Polynesia). The environmental and economic sustainability of such proposals are unknown. Crucially, the small local community relies on fishing for food, and together with tourism, providing income support.

The local economy of the Pitcairn Islands is reliant on tourism as a source of income due to their geographic isolation, small size, and small population (given that it is one of the primary mainstays alongside fisheries). The community's income is boosted through the sale of

souvenirs, the sale of fish and lobster to cruise ships, landing and accommodation fees charged to visitors and the sale of Pitcairn products such as honey, stamps, postcards, 'signature' clothing/accessories and traditional crafts such as wood carvings. The number of cruise ships that stop at Pitcairn has increased in recent years and it is expected to continue to rise if the proposed Marine Protected Area has been established. The creation of the world's largest marine reserve in the Pitcairn Islands will enhance the island's image to potential visitors. It provides an opportunity for increased awareness of the islands and their unique tourism experience on offer. This opportunity, and the consequent increased number of visitors, represents a realistic opportunity for building a sustainable economic future for the community.

Considering these challenges with socio-political and economic pressures, our project will facilitate informed decision-making by the Pitcairn Government for sustainable marine resource use by (1) underpinning the scientific evidence-base; (2) developing local capacity for fisheries and environmental assessments; (3) developing a marine management plan with the Pitcairn community and UK Government for fisheries and the proposed marine reserve; (4) enhancing tourism opportunities; and (5) increasing awareness of Pitcairn's importance in meeting the UK's biodiversity targets. A key development within this project is to work closely with the Pew Charitable Trust and the Pitcairn Island Council to support the establishment of a Marine Protected Area, and to provide the underpinning management protocols and scientific evidence-base to ensure a sustainable future for Pitcairn's marine resources.

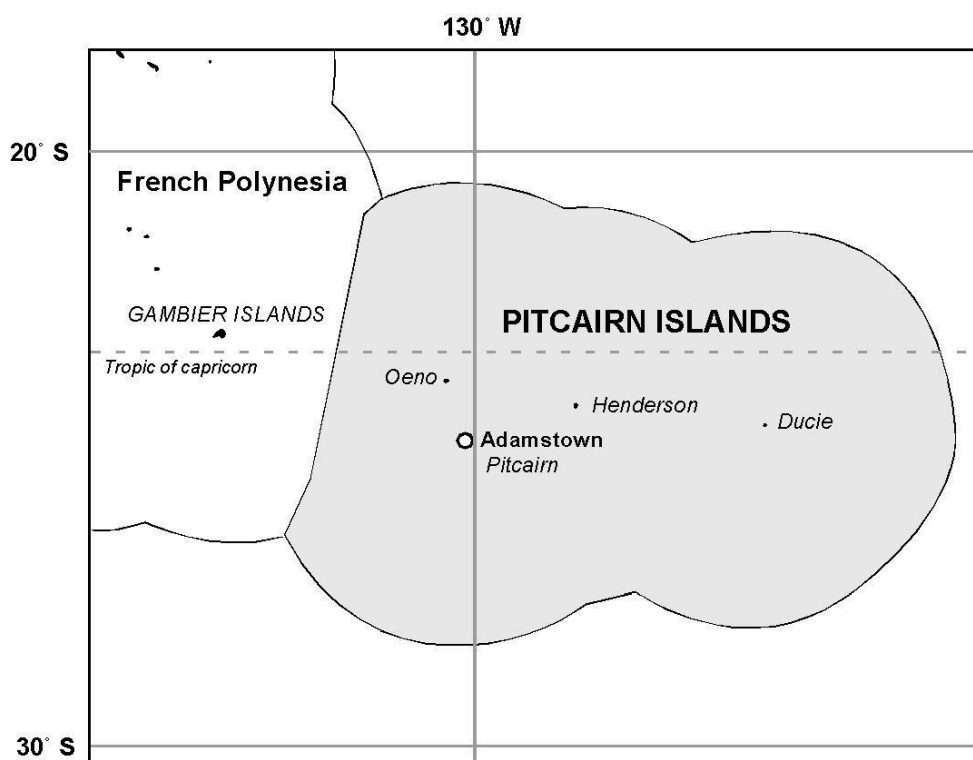


Figure 1. Map of the Pitcairn EEZ and islands.

2. Project Partnerships

- The UK based partners (Dundee University, Sea-Scope, the Zoological Society of London) have liaised frequently since the project's inception on 1st September 2013. Meetings have been held via Skype and in person. A MoU has been agreed between Dundee University and ZSL, and between Dundee University and Sea-Scope.
- Visits and contact with the Pitcairn islanders: Skype/Teleconference meetings have been held regularly with Michele Christian, Head of the Natural Resources Division, Government of Pitcairn Island, through the Pitcairn Environment (Stakeholders) Group (PEG) Meetings. Robert Irving (Sea-Scope), Henry Duffy (MSc student) and Tom Letessier (ZSL) visited Pitcairn in May/June 2014 during which time meetings were held

with Michele Christian, the newly-appointed island Fisheries Officer (Brian Young), as well as the Mayor, Shawn Christian. Meetings were also held with the British Government Representative on Pitcairn, Pete Smith. Henry stayed on Pitcairn for three months until the end of August 2014 to progress underwater fish surveys as part of his MSc dissertation.

- Ana Pinto (ZSL) visited Pitcairn Island in August/September 2014 to progress tourism developments on island. Robert Irving also visited the islands in November/December 2014 to progress on-island fisheries data recording and discuss the establishment of the Pitcairn Islands Fishers' Association (PIFA) with the island fishers.
- There have been on-going and regular email exchanges between Michele Christian, Brian Young (Fisheries Officer on Pitcairn), Sue O'Keefe (acting Fisheries Officer), Heather Menzies and Melva Warren Evans (Pitcairn Island Tourism Department) and the project's UK partners.
- The project has built an ongoing collaboration with the Pitcairn Tourism Department and with the Pitcairn community. Working closely with the tourism department staff has been essential in order to achieve the outcomes of the tourism and outreach elements of this project.
- Collaboration with the Secretariat of the Pacific Community (SPC) through email exchanges is on-going between Terry Dawson and the SPC (Delphine Leguerrier Sauboua Suraud and Michel Blanc). SPC organised a tourism conference in Tahiti in February 2015 in which two Pitcairn islanders participated (see section 3.1. below).
- A new collaboration with L'Institut de recherche pour le développement (IRD) was established (Pacific Region office, New Caledonia). Researcher Laurent Vigliola from IRD shared data on underwater videography surveys in French Polynesia with Tom Letessier and Henry Duffy. These results are directly comparable to those collected from Pitcairn, enabling a better understanding of the regional context of the findings on fish biodiversity and abundance in Pitcairn. IRD researchers are co-authoring a scientific paper with the Darwin team, to be submitted in 2015.
- Through the Pitcairn Environment (Stakeholders) Group (PEG) meetings held in London, the Darwin project was represented by two or more of the UK-based partners (Terry Dawson, Robert Irving, Heather Koldewey and Ana Pinto), presented and discussed on each occasion as part of a regular update. Three meetings were held during the reporting period (with teleconference links to Pitcairn Island - Michele Christian & Darralyn Griffiths of the Pitcairn Island Council): on 29th July 2014, 3rd December 2014 (photo 1 following, with two Pitcairn Islanders, Simon Young and Melva Evans attending in person) and 31st March 2015. Minutes of each meeting were produced and circulated.
- In September 2014, Darwin project partners; the Marine Reserve Coalition (MRC) supported the publication of a brochure by Zac Goldsmith MP on marine protection in the UK Overseas Territories. Heather Koldewey represented the Darwin project by providing input. The brochure highlighted the case for a large-scale marine reserve in Pitcairn, and was launched at a parliamentary event on 10 September 2014, attended by Terry Dawson (project leader), Heather Koldewey (ZSL) and Robert Irving (Seascope) with MPs, NGOs, civil servants and interested parties.
- On 11 February 2015, the Marine Reserves Coalition, in partnership with the Royal Society for the Protection of Birds, launched the Great British Oceans campaign. Heather Koldewey acted on behalf of the Darwin project to provide conservation and science information on Pitcairn to inform the campaign. The campaign is calling on the UK government to designate large-scale marine reserves in Pitcairn, Ascension and the South Sandwich Islands, and was launched at a parliamentary event hosted by John Randall MP. The event was attended by over 80 people, including cross-party MPs with Terry Dawson attending as the Darwin project leader.

- Following the campaign launch and ongoing dialogue between MRC members and Ministers, on 18 March 2015, the UK government declared its intention to create the world's largest marine reserve around the Pitcairn Islands.



Photo1: Pitcairn Environment Group meeting, 3rd December 2014

L-R; First Row: Mike Pienkowski (UKOTCF), Naomi Kingston (UNEP-WCMC), Jonathan Hall (RSPB), Jon Slayer (freelance film maker), Alistair Gammell (Pew Charitable Trust, Sr. Consultant), Katie Gray (Pew), Paul Rose (NatGeo), Simon Young (Pitcairn Island), Richard Nimmo (Blue Ventures), John Kelly (RSPB) & Terry Dawson (University of Dundee)

Second Row: Iain Orr (UKOTCF), Ana Pinto (ZSL), Elisabeth Whitebread (RSPB), Melva Evans (Pitcairn Island), Courtney Couch (Hawaii Institute of Marine Biology), Jo Royle (Pew Charitable Trust) & Heather Bradner (Pew Charitable Trust)

3. Project Progress

3.1 Progress in carrying out project activities

The project has been productive over the last 12 months, although faced some notable challenges. Several project members have visited Pitcairn Island from ZSL, Sea-Scope and SPC. Progress has been made with the fish catch records data collection (**Activity 2.2.:** Elaborate a fish catch monitoring plan and protocol for Pitcairn fishers), marine fish surveys using baited underwater video cameras (**Activity 1.3.:** Conduct biodiversity surveys using standardised approaches), completion of a draft fishing association constitution (**Activity 4.3.:** Preparation of fisheries management plan) and several on-island tourism projects underway (see separate Tourism report, SUPP1). In addition, three Pitcairn Islanders visited the UK – to advocate for the Pitcairn Marine Protected Area, as well as participate in meetings with the Darwin team and other stakeholders (e.g. RSPB) in support of Pitcairn biodiversity conservation issues. The Darwin team also participated in several parliamentary workshops, activities and events relating to MPA designation (**Activity 4.1.:** Consultation workshops for fisheries management plan; **Activity 4.2.:** Development of fisheries management options). However, a number of set-backs and challenges have also arisen during the last year, specifically the starting of the 'Alternative harbour' project at Tedside, Pitcairn Island, which is taking up significant time and labour of most of the fishers involved with that work. This has diverted attention (and activities) relating to fishing and fisheries. Further, our appointed fisheries officer, Brian Young was unable to properly execute some of the activities relating to fish catch recording, due to medical complications. He was evacuated off island for 3 months, and due to ongoing health issues and further sick leave, resigned from his post earlier this year (2015). In the meanwhile we were able to secure the temporary help of Sue O'Keefe, who has managed to develop and implement a fish catch records database. One of our project partners, SPC, together with the Natural Resources Division of the Pitcairn Government was successful in obtaining an EU INTEGRÉ grant (INTEGRÉ is a sustainable development project designed for and implemented by the four European Pacific overseas countries and territories, including Pitcairn), which will provide co-funding support of our fisheries and tourism developments on

Pitcairn as well as support other environmental and bio-security initiatives – see <http://integre.spc.int/en/the-project/the-project>. The highlight of the year for the project, following significant advocacy work by project members and partners, was in the 18th March 2015 Budget to Parliament, where the UK Chancellor of the Exchequer, George Osborne, announced that “The government intends to proceed with the designation of a Marine Protected Area (MPA) around Pitcairn” (BBC, 2015, see: <http://www.bbc.co.uk/news/science-environment-31943633>) and section 14, below.

3.2 Progress towards project outputs

Outputs and activities relating to the project implementation timetable, section 25 of original proposal:

- Robert Irving, Dr Tom B. Letessier; and Henry Duffy (MSc student) - Visit to Pitcairn for 18 days (May/June 2014) to oversee construction & deployment of Baited Remote Underwater Video Systems (BRUVs). (**Outputs 1.2, 1.3**) Meetings with various islanders about the project, including the Mayor (Shawn Christian); Head of Natural Resources Division (Michele Christian), Tourism Dept. staff (Heather Menzies & Melva Evans); Island Governor (Pete Smith); Store Manager (Steve Christian); and numerous others. Attended two Island Council Meetings (as an interested party).
- Delphine Leguerrier Sauboua Suraud (SPC and Darwin partner) visited Pitcairn in May/June 2014 to discuss with the team and islanders how SPC can help to support the islanders, especially with regard to progressing the fisheries management plan. SPC agreed to provide examples of other Pacific island state Fishers Association constitutions, to facilitate the Pitcairn constitutional framework (**Outputs 4.1, 4.2**).
- Ana Pinto (ZSL) visited the Pitcairn Islands in Aug/Sept 2014 to undertake activities relating to tourism and outreach (**Outputs 5.1, 5.2, 5.3, 5.5, 5.6, 5.8**). A full report is enclosed (SUPP1).
- Robert Irving gave two Powerpoint/Video public presentations at the Public Hall in Pitcairn during his visit in May/June 2014, on the work of the project and the initial findings of the underwater video cameras; and another presentation on management issues comparing the islands of Pitcairn (South Pacific) and Lundy (NE Atlantic). (**Outputs 3.2**).
- The project received a newly-delivered electric compressor and 4x 12l diving tanks. Sourced (where possible) and sorted out on-island dive kit (donated by earlier Darwin Challenge project). Assisted in fitting out of new Dive Equipment facility (**Output 5.4**).
- A new scientific research facility was established in the newly constructed building to house the Division of Natural Resources on Pitcairn Island. The facility include a laboratory space, desk space, equipment storage facilities and freezers (**Output 5.4**).
- May-Sep 2014: Whale recording forms disseminated and collected (a small number of Humpback Whales visit the island each year between June and October) (example SUPP2). Whale sightings recorded and photographed. (**Output 1.3**).
- Fishing catch opportunistically photographed and recorded. (**Output 1.3**)
- Hard copies of visitor surveys disseminated on island to tourists from the islands' supply vessel *Claymore*. Link to online visitor survey given to visiting yachts. Link to online cruise ship survey given out on MV *Dawn Princess* (examples SUPP3, SUPP4). Slideshow presentation about Darwin Project included in cruise ship lecture onboard (**Output 5.6**).
- Robert Irving visited Pitcairn in Nov./Dec. 2014 and had meetings with the newly-appointed Governor (Jonathan Sinclair), the newly-appointed Island Administrator (Alan Richmond), the island's Mayor (Shawn Christian), the acting Head of Natural Resources (Charlene Warren-Peu, whilst Michele Christian was off-island), the acting Fisheries Officer (Sue O'Keefe, while Brian Young was on sick leave off-island), and various of the island's fishers (**Outputs 4.1, 4.2**) (SUPP5). He also collated the project's scientific and diving equipment lists (**Output 5.4**). He met with the island's Museum Curator (Carol Warren) and assisted her setting up an inventory of the museum's various possessions (**Output 5.3**).

- SPC organised a "Integrated Management and Sustainable Tourism" training workshop in Papeete from 25 to 27 February 2015, attended by Heather Menzies (Pitcairn Island tourism coordinator) and Meralda Warren (Pitcairn Cultural Advisor) (**Output 5.2**).

Outreach and media outcomes (Output 5):

- One significant activity for the Tourism and Outreach elements of the project in Year 2 was to provide support to the Pitcairn Islands Tourism department to enable the provision of an enhanced tourism package (separate tourism report SUPP1). A consultation of the current package on offer was undertaken by ZSL project collaborator Ana Pinto, who visited Pitcairn Island in September 2014. Meetings were arranged with all stakeholders and the Tourism Department continues to strongly support the objective of enhancing the current tourist experience and welcome the support and development plans for the future and now lead several components (**Outputs 5.1, 5.3, 5.7, 5.8**).
- Henry Duffy submitted articles on the Darwin Project and the BRUV monitoring study published in June and August editions of Pitcairn Miscellany, the island newsletter and a BRUV project summary was included in the October edition of Pitcairn Miscellany; Article published on Pitcairn tourism website, is also included in the quarterly Tourism Newsletter (SUPP6); Presentation about conservation/Darwin Project given at school; Presentation summarising BRUV results given to community (**Output 5**).
- Robert Irving submitted an article for the Darwin Newsletter entitled "*Initial findings of underwater video of reef fishes at Pitcairn*" (published in August 2014) (**Output 5**).
- Robert Irving gave a presentation on '*Remote islands and their marine provenance – the risks posed by unwanted introductions*' (with a specific focus on the Pitcairn Islands) at the Marine Invasive Species Workshop, Marine Alliance Science Technology Scotland (MASTS) Conference, Heriot-Watt University, Edinburgh, 3-5 Sep 2014 (**Output 5**).
- Henry Duffy completed his MSc thesis '*Fisheries Resources of Pitcairn Island: Assessment and Management Challenges*' which received a distinction from Imperial College London (SUPP7). A paper is now being prepared for peer-reviewed publication.
- Dr Heather Koldewey (ZSL) gave a plenary talk '*An overview of building hope and innovation in marine conservation*' at the *International Marine Conservation Congress in Glasgow, 14th -18th August 2014, Making Marine Conservation Matter* which featured several ZSL Darwin projects including Pitcairn (**Output 5**).
- Prof. Terry Dawson presented a paper (authors Dawson T.P., Irving, R. and Koldewey, H., 2014) '*Establishing the largest Marine Protected Area in the world: Scientific justification and management challenges for the Pitcairn Islands*. In, Proceedings of the International Marine Conservation Congress, SECC Glasgow, 14-18 Aug 2014 (**Output 5**).
- Heather Koldewey was a keynote speaker for the Bevan Series on Sustainable Fisheries, University of Washington in Seattle in March 2015. '*Finding solutions in marine conservation: A reason for ocean optimism*' which included discussion of the Darwin project (**Output 5**).
- Pitcairn Environment Group meetings (including representatives from Pitcairn) was held to discuss island issues and visits by the Darwin team and other ongoing projects, attended by the Darwin project team on 27 Jul 2014, 3 Dec 2015 and 31 Mar 2015 (minutes available from Terry Dawson). It was agreed that the NGOs working on Pitcairn would work together to produce a newsletter, website and social media that shared information on conservation and research activities.
- Ana Pinto and Sarah Thomas (ZSL Discovery and Learning team) attended an All Party Parliamentary event on zoos and aquariums where they were able to discuss Pitcairn with MPs, notably Andrew Rosindell (chair of the APPG for Zoos and Aquariums). This prompted a parliamentary question (see below and SUPP8) (**Output 5.13**).
- Heather Koldewey, Terry Dawson, Robert Irving attended a parliamentary event hosted by Zac Goldsmith MP to propose 3 UKOTs as marine reserves, including Pitcairn. There is a coordinated approach among the science and conservation community to support this initiative which will be progressed over the next six months, with

engagement from the Darwin project team and co-ordinated by project partner the Marine Reserves Coalition. (**Output 5.13**)

- There was considerable parliamentary activity around Pitcairn, including questions were asked in relation to Pitcairn in the House of Commons and the declaration of intent to designate Pitcairn as a marine reserve (**Output 5.13**) (SUPP8)
- The MRC and Darwin team helped establish a 'Great British Oceans' website which profiles Pitcairn (www.greatbritishoceans.org). (**Output 5**)
- A scientific statement in support of the Pitcairn marine reserve was prepared and supported by 44 organisations and 100 scientists, including the Darwin project team who helped draft the statement, online at: <http://www.greatbritishoceans.org/great-british-oceans-statement-feb-2015.pdf> (SUPP9)
- Presentation: Dawson T.P., Irving, R. And Koldewey, H., 2015, *The Pitcairn Islands Biodiversity and their Marine Provenance*, First International Workshop on Marine Bioinvasions of Tropical Island Ecosystems, 24-27 February 2015, Charles Darwin Research Station, Puerto Ayora, Galapagos Islands, Ecuador (**Output 5**).
- Presentation: Duffy, H., Koldewey, H., Dawson, T., Irving, R. And Letessier, T., 2014, *Assessing the reef fish communities of Pitcairn Island using Baited Remote Underwater Videography (BRUV)*, In Proceedings of the RCUK2014 Reef Conservation Conference, Zoological Society of London, London Zoo, 6 December 2014 (**Output 5**).

3.3 Progress towards the project Outcome

Indicator 1 (Monitoring protocols in place, a quayside weigh-station is established and a central database of marine monitoring data is maintained) - Fish catch recording sheets have been developed and in use (example included, SUPP10). Fish catch database established (included, SUPP11). Weigh station installation is delayed, now likely to be installed in Sep 2015.

Indicator 2 (Fisheries management plans in place for spiny and slipper lobsters, coral trout and other groupers) - Slipper and Spiny lobster byelaws developed and inserted into PIFA Memorandum of Association (included, SUPP12)

Indicator 3 (Marine management plan legally ratified that includes a globally significant MPA) – Ongoing work. In negotiations with the PIO legal team to revise the Pitcairn Ordinances. PIFA Memorandum of Association (included, SUPP12) in review by the PIO legal team.

Indicator 4 (Tourism and outreach package in place on visiting cruise ships and at the Pitcairn heritage museum and through the Internet) – Please see tourism report for detailed activities (included, SUPP1). Establishing the baselines of visitor awareness of/engagement with marine biodiversity has not progressed to the estimated rate since implementation in Aug/Sept 2014. The following measures are now in place to overcome the barriers to visitors targeted to complete the required surveys, and increase response rate:

- Improved distribution of hard copies of visitor surveys: available after cruise ship presentations; available at souvenir stalls; available with island maps/leaflets; available at Pitcairn Museum; available at Adamstown Square
- Improved distribution of the survey's weblink: available through Pitcairn Tourism website; available through Facebook Tourism page, available with island maps/leaflets; available during and after cruise ship presentation; available to all visitors through email communication post-visiting Pitcairn.

Indicator 5 (References to Pitcairn in Parliamentary questions, Google ranking for project websites) - There was considerable parliamentary activity around Pitcairn, including questions were asked in relation to Pitcairn in the House of Commons (included, SUPP8) and the declaration of intent to designate Pitcairn as a marine reserve.

3.4 Monitoring of assumptions

Outcome risks and assumptions remain valid. Regarding Assumption 1 (The population of Pitcairn is receptive and are willing to engage with the project), we have already highlighted the problem of the Alternative Harbour project diverting the time and attention of the island fishers

(who have been employed to undertake the construction work). However, the Pitcairn community has been continuously receptive and willing to engage with the tourism and outreach elements of this project. There has been more concern from the community about the introduction of fisheries management measures around Pitcairn and reservations about the time it will take to document catches and whether they will result in restrictions. It has therefore taken additional time to achieve the documentation of the fisheries, further hampered by the health issues of the Fisheries Officer. Considering the trips by the project team can only be short (11-18 days), we felt it was better to spend additional time on community engagement to increase the likelihood of the sustainability of the project. The Tourism Department has been more straightforward, providing continuous support for the project and have collaborated throughout the project. Assumption 2 (Cruise ships continue to visit the Pitcairn Islands) still holds true. 16 cruise ships visited Pitcairn Island in 2014 and a total of 913 passengers were landed (from a combination of cruise ships; government charters; private charters; yachts and other vessels. Regarding Assumption 3 (The UK Government continues its support for biodiversity conservation in the UK Overseas Territories, leading to greater interest in the Islands), this also holds true, given the 18th March 2015 Budget announcement, and with continued support to progress the MPA in both the Conservative party and Labour party manifestos (SUPP8).

3.5 Impact: achievement of positive impact on biodiversity and poverty alleviation

Currently, Pitcairn relies on budgetary aid from the UK government for over 90% of its income. Fishing is an important livelihood strategy for the Pitcairn Island community with most households having one or more fishers; 19 out of 20 households surveyed on the Island reported that they fish for consumption, bartering, or cash sales (Schuttenberg and Dawson, 2012; Pitcairn Economic Report, 2014, included SUPP13). Hence, the health of the marine environment is vital to the Pitcairn Island community in terms of food security and economic activity and growth (fisheries and tourism), and biodiversity is an integral and important part of this.

The project is assisting the Pitcairn and the UK Governments in meeting their commitments under the Pitcairn Environment Charter, specifically Charter Objectives No. 2: "To document existing local resource use and ensure its sustainable use and explore other opportunities to utilise local resources sustainably", and No. 7: "Review baseline data on species and habitats; Highlight areas where there are data deficiencies; Establish a protected areas policy".

4. Project support to the Conventions (CBD, CMS and/or CITES)

The overall aim of the project is to ensure long term protection for marine biodiversity in the Pitcairn Islands consistent with the Convention on Biological Diversity (CBD)* within a context of potential commercial fisheries and local community extraction. With this in mind, a marine and fisheries management plan, underpinned by a scientific evidence base, will form the basis of a long-term adaptive management strategy. Whilst scientific analysis of the fish communities is still ongoing from the BRUV surveys conducted over the May to Aug 2015 period (publication in preparation), Heather Koldewey has engaged with Dr Yvonne Sadovy, Chair of the Grouper and Wrasse Specialist Group and Dr Nick Dulvy, Chair of the Shark Specialist Group, to establish a mechanism to use the data collected by the Darwin project to inform regional species assessments.

The project has also been engaging in activities relating to the Convention on the Conservation of Migratory Species of Wild Animals (CMS). During his visit to Pitcairn in May/June 2014, Robert Irving introduced all of the islanders to a method of recording sightings of Humpback Whales made from the island. A small population of these whales visit the island each year between the months of June and October. Data is now being gathered on start/end dates of visits; likely numbers present; composition of groups (adults/young); and observed behaviour. This aspect of the project will assist obligations linked to the CMS. An example recording form is attached (SUPP2).

* The CBD does not yet extend to the Pitcairn Islands group.

5. Project support to poverty alleviation

Currently, Pitcairn relies on budgetary aid from the UK government for over 90% of its income. Fishing is an important livelihood strategy for the Pitcairn Island community with most households having one or more fishers. We are already developing and/or have initiated activities that will:

1. Provide social and ecological information through research that is directly and primarily relevant to the challenges of Pitcairn (specifically relating to fishing and tourism).
2. Build capacity in Pitcairn, through training of community members, the promotion of the museum and strengthening research infrastructure and capability (educational and laboratory material and equipment, outreach training, marine conservation).

6. Project support to Gender equity issues

The University of Dundee, the lead partner of the project, applied for a Bronze Athena SWAN award in November 2013, which was awarded in April 2014. The Equality Challenge Unit (ECU) Athena SWAN Charter was established in 2005, originally to encourage and recognise commitment to advancing the careers of women in science, technology, engineering, maths and medicine (STEMM) employment in higher education and research. In May 2015 the charter was expanded to recognise work undertaken to address gender equality more broadly, and not just barriers to progression that affect women.

The Pitcairn community is very small (~50 people) so the project works with the entire community, including men, women and children. The Fisheries and Conservation officer post was advertised openly to the whole community and initially filled by Brian Young and, following his resignation due to ill health, by Sue O'Keefe (Appointed April 2015).

7. Monitoring and evaluation

There have been no changes to the monitoring and evaluation plan. All of our indicators were selected on the basis that they were SMART (specific, measurable, achievable, relevant and time-bound). However, some indicators can be (are) quite difficult in obtaining (for example, household income from activities, such as the sale of fish, lobsters and curios and carvings to cruise ship passengers). The Pitcairn Economic Report (SUPP13, included) and SPC evaluation of commercial fisheries on Pitcairn report (SUPP14, included) have used official gross bank funds transfers and aggregate sales of fish supplies through the island shop to infer mean income per household, although it has been suggested that not all household income is banked, hence income may be significantly underestimated!

8. Lessons learnt

After recruitment of a Fisheries Officer (Brian Young) in March 2014, he suffered some medical problems in May, which resulted in him being evacuated from Pitcairn Island in June 2014 (to Mangareva by boat and thereafter medivac to Papeete by aircraft). Brian was hospitalised and off-island on sick leave until September 2014. Upon returning to his post, he suffered further medical problems (and subsequent sick leave), which resulted in his decision to permanently move (with his wife) to New Zealand in Feb 2015. He resigned his position, so we are currently in the process of re-recruiting a new Fisheries Officer. During his absence, we were able to appoint Sue O'Keefe as a temporary Fisheries Officer. As a result of this unfortunate situation, we are experiencing some delays in the establishment and compliance of a fish catch monitoring programme which is acceptable to the island fishers. Negotiations are on-going, and in principle, a plan has been proposed that involves the recording of catch landing data, to be collated each month by the Fisheries Officer. This plan would ensure that fishers remain anonymous, and requires the least effort by them in maintaining record keeping. Robert Irving

visited Pitcairn in November 2014, to present this scheme and to discuss the participation of all fishers. This has resulted in the design and roll-out of a fish catch recording form and some data are now being collected as a result (attached example form and spreadsheet, SUPP10 and SUPP11) (**Output 2.2**).

A major on-island project – the development of an alternative harbour landing site on Pitcairn Island at Tedside - is diverting the attention of the islanders, as this project, started in August 2014, is recruiting all the able islanders in some way to undertake a very full workload over the forthcoming months. Our team members have reported a reduced enthusiasm in helping us with boat and survey deployments since the alternative harbour project started as the new project jobs became available. The Pitcairn Islands Economic report (2014, paragraph 137, page 29, SUPP13) reported that the Tedside development would probably mean that commercial fishing is suspended for 2 years minimum and once complete people may see a better return from increasing handicraft production for sale to the expected increase in visitors off passing cruise ships.

We are also experiencing some delays in the progress of the legislation relating to the fisheries management plan. Correspondence has been established with the Pitcairn Island Government lawyer, who has agreed to review and incorporate our plans into the revision of the Pitcairn constitution. However, PIO Deputy Governor, Kevin Lynch informs us that the Island's financial budget from the UK is limited, which has put the revision of the fisheries Ordinances on-hold for the time being. The project, with agreement from the Darwin Secretariat, has made some additional funding provision to facilitate the development of the legal framework for the next period 2015/2016. In the meanwhile, we have submitted to them a draft constitution for a Pitcairn Islands Fishers' Association (PIFA) (SUPP12, attached), which will act as the legal body for the establishment of the rules and regulations (by-laws) relating to the individual fisheries to be managed. The PIFA will be made up of the island fishers, who will have voting rights. We have also been corresponding with the Secretariat of the Pacific Commission with regard to adoption of appropriate conservation strategies for sustainable fisheries as they relate to other pacific island states (**Output 4**).

Delays and changes for Tourism and Outreach:

- Surveys: The visitor surveys have received a lower response rate than was expected. The potential barriers for responding to surveys have been discussed with the Pitcairn Tourism department, and measures are in place to reduce these and obtain a higher response rate in the future (see section 3.3).
- Outreach materials: the production of materials for visitors was part of the suggested tourism development plan (Tourism Report: Appendix A). There has been a slight delay in obtaining approval from the Pitcairn Council and subsequently, a delay in obtaining the necessary information that will be included in these materials for production.

The above problems are delays rather than failures in the sense that we anticipate progression will continue to be made, albeit more slowly than anticipated, to a satisfactory conclusion by the end of the project. They do not have any significant impact on our budget and spending plans.

9. Actions taken in response to previous reviews (if applicable)

We have made some progress this year in the development and implementation of the fish catch records database and the legislation relating to the fisheries management plans. We have made significant effort to provide a stronger evidence base for our work this year (19 supplementary reports and documents).

10. Other comments on progress not covered elsewhere

11. Sustainability and legacy

With respect to the long-term sustainability of the project, much of the Darwin Initiative activity is working towards constitutional change to the Pitcairn laws (and behavioural changes of fishers) with respect to fisheries and marine management practices, and the enhancement of tourism facilities to increase awareness of the islands' natural environment and infrastructure (permanent sign-boards, museum displays, trail guides, etc) .

12. Darwin Identity

All project presentations, web sites and publications utilise the Darwin Initiative logo and highlight acknowledgements of the Darwin Initiative financial support. Given the earlier Darwin Challenge fund project in Pitcairn to Terry Dawson (No. EIDCF003) (2010-2012), the Darwin Initiative is well known by all members of the island community, and the wider Pitcairn stakeholder groups.

At present, the project information is hosted on a holding page <http://www.zsl.org/regions/uk-and-overseas-territories/pitcairn-islands-marine-conservation>.

Ana Pinto's blogs are also online and used as the basis of the outreach engagement with schools in the UK <http://www.zsl.org/users/ana-pinto>

At the last Pitcairn Environment Group meeting, it was agreed that ZSL would host a new 'Pitcairn Portal' website with all information about the various conservation projects in Pitcairn, showcasing this Darwin project. The additional funding required is being finalised at present, with the goal to implement by the end of 2015.

The MRC and Darwin team helped establish a Great British Oceans website which profiles Pitcairn (www.greatbritishoceans.org).

Heather Koldewey (@heatherkoldewey, 1,402 followers), Ana Pinto (@ana7pinto, 50 followers), @ZSLMarine (2,797 followers), MRC (@MRC_Marine, 1,867 followers) regularly share information on Pitcairn, as well as periodically by @ZSLConservation and @OfficialZSL accounts.

Project information is shared through the ZSL Marine and Freshwater (1,908 followers), MRC (968 followers) and Protect Pitcairn (17,109 followers) pages. The latter has been run by the Pew Charitable Trusts but it has been agreed that this will be transferred to ZSL for future posts as Pew have changed their strategy on Facebook pages.

13. Project Expenditure

Table 1 Project expenditure during the reporting period (1 April 2014 – 31 March 2015)

Project spend (indicative) since last annual report	2014/15 Grant (£)	2014/15 Total Darwin Costs (£)	Variance %	Comments (please explain significant variances)
Staff costs (see below)				Additional funds for Research Assistant support to help with legislation documentation*
Consultancy costs				
Overhead Costs				
Travel and subsistence				Travel and subsistence for one

				visit to Pitcairn Islands was deleted from activities to enable funds for costs of developing fisheries legislation*
Operating Costs				
Capital items (see below)				
Others (see below)				
TOTAL	88,963	88,963		

* These changes were approved by the Darwin Secretariat on 2nd March 2014 following the submission of a Change Request form on 27th February 2014.

14. OPTIONAL: Outstanding achievements of your project during the reporting period (300-400 words maximum). This section may be used for publicity purposes

I agree for the Darwin Secretariat to publish the content of this section (please leave this line in to indicate your agreement to use any material you provide here)

News from the UK Government Budget 2015: Pitcairn Islands get huge marine reserve

On 18th March 2015, the UK Government Budget to Parliament stated “The government intends to proceed with the designation of a Marine Protected Area (MPA) around Pitcairn” (BBC, 2015, see: <http://www.bbc.co.uk/news/science-environment-31943633>). The decision is the first step in the process to create a fully protected marine reserve extending from 12 miles offshore from Pitcairn Island to the full extent of the Exclusive Economic Zone of the Territories waters, encompassing over 830,000 square kilometres of ocean (Figure 2).

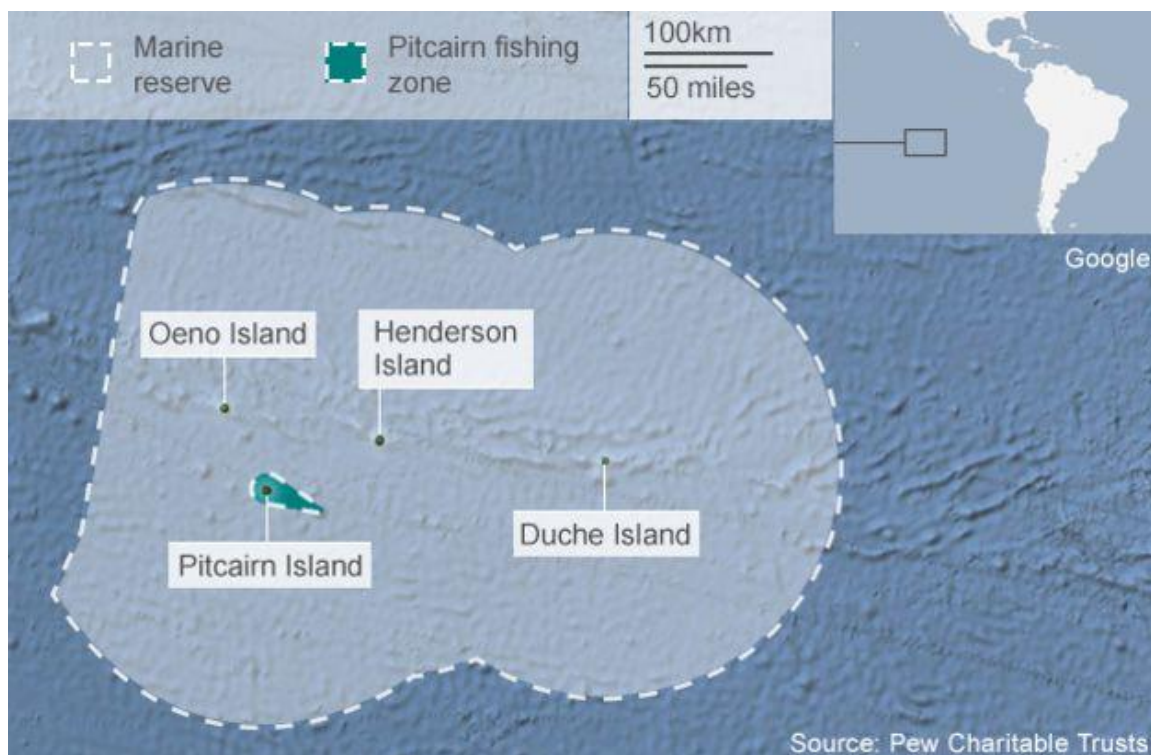


Figure 2. The proposed marine reserve around the Pitcairn Islands Exclusive Economic Zone

Our current Darwin project (DI Project No. 20-006), together with the earlier Darwin Challenge Fund to Terry Dawson (EIDCF003: Developing a community-led marine management action plan for the Pitcairn Islands) have been instrumental in helping to achieve this significant outcome principally through the provision of the scientific evidence base, and in support of advocacy activities. The campaign to establish the MPA around the Pitcairn Islands began in 2010 when one of our project collaborators, Pew Charitable Trusts, through their Global Ocean Legacy programme (Pew Trusts, 2015), identified the islands as a candidate site within a system of large fully protected marine reserves on a global scale. With full support from the island community obtained in 2011, the Pew Trust commissioned the first of a number of scientific reports relating to the characterization of Pitcairn's marine environment (Irving and Dawson, 2012, co-funded by the Darwin Initiative). Further scientific evidence was collected through a National Geographic Pristine Seas Expedition, which undertook extensive diving surveys at all four islands (Sala et al., 2012; Friedlander et al., 2014). A synthesis of the scientific analysis of these reports, in the form of a policy briefing aimed at the non-scientific reader was requested by the UK Foreign and Commonwealth Office (Irving et al., 2014, SUPP15, attached, and submitted in April 2014 under the current Darwin Initiative). This was widely disseminated to Government Ministers and other Members of Parliament, including Zac Goldsmith MP, who undertook to lead the Parliamentary launch of the 'Marine Protected Areas in the UK's Overseas Territories' campaign (Goldsmith, 2014). At the same time, a number of parliamentary questions were raised by the Marine Reserves Coalition, another of our project partners, to Ministers (SUPP8). With growing pressure from leading campaigners, scientists and celebrities, the UK Government made the historical announcement prior to their dissolution on 30th March 2015 in preparation for a new general election in May 2015. The process represents a rare but successful account of how scientific evidence can inform and engage with policy-makers to achieve a lasting legacy in support of Pacific biodiversity conservation.

Annex 1: Report of progress and achievements against Logical Framework for Financial Year 2014-2015

LOGICAL FRAMEWORK: A sustainable marine and fisheries management plan for the Pitcairn islands (Round 19 Application Ref No: 2162)

Notes of progress coloured in red to link to the 2015 Year 2 Annual reporting narratives, where applicable.

Project summary	Measurable Indicators	Means of verification	Important Assumptions
Impact			
Improved stewardship of Pitcairn's EEZ will contribute to the Millennium Development Goals (MDGs) and global targets for marine protection set by the Convention on Biological Diversity (CBD), the Convention on Trade in Endangered Species (CITES), and the Convention on the Conservation of Migratory Species (CMS), as well as related biodiversity targets, achieved through an effective management programme of marine biodiversity in the Pitcairn Islands that integrates a sustainable future and economic opportunities for the local community.			
Outcome			
Establishment of a fully-operational fisheries and marine management plan that is ecosystem-based and sustainable, to enhance experience and income from tourism development, and which is crucial to providing a secure future for the economic benefit of the Island community and protection of the unique marine biodiversity of the Pitcairn Islands.	<ul style="list-style-type: none"> - International fisheries advisory committee established by 2014 Ad-hoc committee in place, comprising the core UK Darwin team (Terry Dawson, Robert Irving and Heather Koldewey) plus Michel Blanc (SPC and Darwin partner) and Tom Letessier (University of Western Australia/Zoological Society of London). However, given the delay to any commercial fisheries due to the Tedside development, advice to the Pitcairn Island Fishing Association (PIFA) has been limited to recommendations from the SPC on lobster fishing. - Fisheries Management Plan operational by 2016. - Establish baselines and achieve increasing trends in presence and abundance of priority species of fish and invertebrates at selected 	<ul style="list-style-type: none"> - Reports of meetings of the Fisheries Advisory Committee. - Pitcairn Island marine management plan published. - Legally constituted fisheries regulations. Progressing - Need to get update on Constitutional overhaul – in contact with Danielle Kelly, legal representative, Pitcairn Government PIFA draft memorandum of Association is completed (SUPP12, included). - Marine biodiversity survey reports (e.g. feeding station assessments, shark records, transect surveys and fish counts), manual of methods, marine biodiversity database. Completed (Henry's MSc thesis and publication in preparation) (SUPP7, included) - Conservation status reports of flagship IUCN Red List and endemic species in Pitcairn submitted to IUCN and relevant specialist groups. Ongoing – Heather Koldewey is in email contact with Prof. Yvonne Sadovy, Co- 	<ul style="list-style-type: none"> - The population of Pitcairn is receptive and are willing to engage with the project. - Cruise ships continue to visit the Pitcairn Islands. - The UK Government continues its support for biodiversity conservation in the UK Overseas Territories, leading to greater interest in the Islands.

	<p>sites (MDG 7.4. Proportion of commercial fish stocks within safe biological limits) over the lifetime of the project. Baselines to be determined in 2013/14.</p> <p>Established baselines in May-Aug 2014. Ongoing analysis of fish community structure for future publication. GIS data being developed for 2015 (new student project)</p> <p>- At least 30% of the Pitcairn EEZ fully protected (Marine Reserves Coalition and CPAWS guidelines. Baseline is 0%) (MDG 7.6. Proportion of marine areas protected)</p> <p>Significant progress - UK Government has announced intention to establish an MPA for the whole EEZ in March 2015(>95% fully protected).</p> <p>- Establish baselines and achieve Increasing trends in populations of at least 5 flagship IUCN red list species within Pitcairn EEZ (MDG 7.7 Proportion of species threatened with extinction).</p> <p>All Red Listed species have now been identified for the marine environment (published in Irving and Dawson, 2012).</p> <p>- Establish baseline and achieve 15% increase in income in 80% of households from new markets, trade and sale of fish and/or</p>	<p>Chair of the IUCN (World Conservation Union) Specialist Group on Groupers and Wrasses and Prof. Nick Dulvy, Co-Chair of the IUCN Shark Specialist Group.</p> <p>- Biodiversity Action Plans.</p> <p>Completed for Spiny and Slipper lobsters (SPA publications, SUPP16 and SUPP17, included)</p> <p>- Household social-economic surveys, livelihood diagnostics.</p> <p>Completed - Pitcairn Island Government commissioned 'Pitcairn Island Economic Report', 2014 (SUPP13, included).</p> <p>- Marine environment interpretive centre, research facilities, tourism outreach pack, Pitcairn Marine Instant Wild facility.</p> <p>Underway - Tourism report (SUPP1, included)</p> <p>- Meeting minutes, Parliamentary questions; symposium proceedings; journal publications; website hits; Twitter followers; Facebook likes.</p> <p>Underway. Parliamentary activities report (SUPP8, included)</p> <p>- Economic reports (e.g. Annual DFID Business Case and Intervention Summary reports).</p> <p>Pitcairn Budgetary Aid 2014/15 - Business Case and Summary 4402012 published May 2014 (online at DFID). 'Pitcairn Island Economic Report', 2014 (SUPP13, included).</p> <p>- Data on markets, trade and sale of fish to cruise ships and passing traffic and to French Polynesia (Island Store Accounts).</p> <p>Completed, although the study is data poor. SPC report 'Economic Viability Study of Commercialising the Pitcairn Islands</p>	
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	<p>sustainable nature-based tourism products to island visitors, cruise ships, passing traffic and to French Polynesia by 2016 (baseline US\$760 mean income per annum over 20 households) (MDG 8.9 Building trade capacity).</p> <p>Some work has been completed to date (Reported in the 'Pitcairn Island Economic Report', 2014 (SUPP13, included). The analysis of this work (see paragraphs 230, 233 and Table 6) is that limited commercialisation of the fisheries within the allowed fishing zone of the MPA designation could increase income by 40%</p> <p>- 50% Tourists visiting Pitcairn have a higher awareness of and engagement with marine biodiversity (prior/post project Initiation).</p> <p>See Tourism report (SUPP1) – some good evidence presented.</p> <p>- Pitcairn tourism is sustainable.</p> <p>See Tourism report (SUPP1) - On-going research in collaboration with Heather Menzies (Pitcairn Island Tourism coordinator)</p>	<p>- Tourist arrival and departure questionnaires and follow up surveys. Initial's questionnaires completed Aug/Sept 2014 and on-going (included in Tourism report, SUPP1 and examples, SUPP3 and SUPP4).</p> <p>- Community perception surveys. - 'Best Practice' Environmental and Sustainability' policies established and monitored (tourism provider feedback; Updates/enhancement of the Pitcairn Environment Charter).</p> <p>Not yet started – planned for the 2015/16 period.</p> <p>- Monthly catch monitoring reports /audits. Underway. Fisheries Officer co-ordinated – needs full compliance by all fishers, but some data available (example included, SUPP10 and database, SUPP11)</p> <p>- Tourist arrival/departure surveys, Social media and website surveys. On-board ship surveys.</p> <p>Ongoing - See Tourism report (SUPP1) and examples (SUPP3, 4)</p>	
<p>Outputs</p> <p>1. Fisheries research reports and appraisals. Developing a collection of GIS maps (atlas) of fisheries zones, marine</p>	<p>- Assessment report incorporating fisheries and socioeconomic reviews.</p> <p>MSc Student thesis and 'Pitcairn Islands Economic Report (2014)</p>	<p>- Project monitoring and evaluation reports Ongoing</p> <p>- Scientific reports and journal and book publications</p> <p>Ongoing</p>	<p>- Fisheries data for local species is accessible and the Pitcairn community will be supportive in providing non-published but valuable information e.g. from fishers</p>

<p>habitats and ecosystems.</p>	<ul style="list-style-type: none"> - Minimum 5 individual fisheries species assessed using an ecosystems-based approach in a local context. <p>Ongoing. Two species (lobsters) have been evaluated for fisheries management (SUPP16, SUPP17).</p> <ul style="list-style-type: none"> - 80% fishing grounds mapped for Pitcairn Island and 40 mile reef. <p>Completed (MSc thesis) although 40 Mile Reef not yet assessed.</p>	<ul style="list-style-type: none"> - Habitat data records <p>MSc thesis (SUPP7). Ongoing</p> <ul style="list-style-type: none"> - GIS maps and datasets <p>MSc thesis (SUPP7). Ongoing – further work planned for 2015/15</p> <ul style="list-style-type: none"> - Marine survey reports <p>Several records databases have now been produced and collated (Dawson and Irving 2012, NatGeo expedition report 2012, BRUV surveys (MSc thesis , SUPP7 and publication in preparation).</p>	<p>and divers.</p>
<p>2. Operational quay-side weighing station and catch logbook.</p>	<ul style="list-style-type: none"> - Commercial grade weigh scales installed and used at Bounty Bay by 2014. <p>Delayed until Aug/Sept 2015.</p> <ul style="list-style-type: none"> - Methodology adopted for the collection of data and information by 2014. <p>Methodology was established in Dec 2014</p> <ul style="list-style-type: none"> - 80% fishers individually reporting to the Fisheries Officer: Catch records (priority species numbers and weights) and fishing effort. <p>Some take up – all other fishers to be initiated for compliance from Aug 2015 (Robert/Terry visit)</p>	<ul style="list-style-type: none"> - Fisheries Officer position established by the Natural Resources Division of the Pitcairn Government. <p>Initially completed – Job started Mar 2014. However, ill health forced subsequent medical leave in August 2014. Temp. Officer appointed Sept. 2014. Permanent Officer resigned on grounds of ill health in March. 2014. Now need to re-advertise position.</p> <ul style="list-style-type: none"> - Individual fish landing record sheets. <p>(Example SUPP10) – others available from Terry Dawson</p> <ul style="list-style-type: none"> - monitoring data and reports arising from central database of fisheries (Natural Resources Division). <p>Established in Sep 2014, some data sheets collected (examples attached, SUPP10, SUPP11).</p> <ul style="list-style-type: none"> - Monthly catch summary publications on the status of fisheries utilisation. <p>Will follow on from recording systems</p>	<p>Fishers agree to record their fishing activities and catch.</p>

<p>3. All island fishers trained in, and utilising, fisheries monitoring and management protocols.</p> <p>(leading to improved capacity of island communities and partners to participate in planning and management for fisheries livelihoods)</p> <p>- Economic and social benefits for the islanders is enhanced</p>	<ul style="list-style-type: none"> - At least 2 on-island training workshops on management and legislation of natural resource management attended by 90% of island fishers. Started in Nov/Dec. Follow up presentations in Aug 2014 with focus on biological assessments, Aug/Sept 2014 visit for tourism and outreach. - Community Fishers organisation established (legally recognised by Pitcairn Government) (adhering to UN FPIC [Free prior and informed consent] principles and 5th COP to the CBD Decision V/16 and Article 8J). Discussed with all fishers in Nov/Dec – to be rolled-out over the next year. - Fisheries adaptation and management protocols in place. Fisheries bylaws for the two lobsters species have been developed and implemented into the draft PIFA constitution (SUPP12). - 10-20% increase of (active fishers) household income from boat-based fishing and tourism. Ongoing analysis, but the SPC (2011) and Pitcairn Islands Economic Report (2014) confirms that this is potentially achievable subject to certain conditions and availability of specialised 	<p>(SUPP11)</p> <ul style="list-style-type: none"> - Training workshop attendance . - Minutes of meetings and consultations with community, stakeholders and local government and regional fisheries management agencies (SPC). Ongoing liaison with SPC on planned visits - Evaluation questionnaires. Ongoing – see Tourism report (SUPP1) - Social-economic surveys. Ongoing – see Tourism report (SUPP1) - Tourism Officer (Pitcairn Government) reports. Ongoing - liaising with Heather, including reviewing tourism strategy (i) - Tourism report (SUPP1) - Memorandum and Articles of Association ‘Pitcairn Island Fishers’ Association (PIFA). (SUPP12) Note, PIFA activities to be introduced to the community in Sep 2015 - Membership records, PIFA - Minutes of the PIFA consultation meetings (with Government representative). - Household-level economic action plans. Draft PIFA constitution created – needs adoption by the fishers in Sept 2015. 	<ul style="list-style-type: none"> - Local community interest in participating in long-term monitoring program. - Pitcairn Government is willing to share decision-making responsibility for marine management - Fishing households cooperate in providing information on income
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	equipment infrastructure.		
4. Establishment of a legally-binding fisheries management plan as a basis for external organisations (fishing negotiations (permit issue or no-take zone delimitation)).	<p>Management plan submitted to the Pitcairn and UK Governments in 2016.</p> <ul style="list-style-type: none"> - Collaborative agreements implemented for fisheries management. Started negotiations. - Introduction of maps, local codes (bylaws), laws and regulations compatible with sustainable fisheries and marine resources conservation. - At least 5 fisheries management plans adopted for priority species (e.g. spiny and slipper lobsters, coral trout, red snapper, wahoo – Fisheries management plans proposed for spiny and slipper lobsters (SUPP12). 	<ul style="list-style-type: none"> - Management plan. - Government records recording submission / adoption. - Record of meetings with community, stakeholders and local government and regional fisheries management agencies (SPC). Ongoing (some records of meetings included, SUPP5) 	<ul style="list-style-type: none"> - Management plan is accepted by the Pitcairn Island Council and the Pitcairn and UK Governments.
5. Dissemination of information to stakeholders, scientific/conservation community and raising awareness within the general public and international media.	<p>Scope, frequency and dissemination of information, education and communication (IEC) reports as well as evaluation and monitoring reports:</p> <ul style="list-style-type: none"> - Stakeholders outreach: # of public presentations, posters, displays, identification guides and other interpretive materials; website set up to provide up-to-date information. Key stakeholders informed at least every 3 months through email, newsletters and steering group meetings. On track – presentations done, Pitcairn Environment Group Network meetings. - Public outreach: website (# of hits), social media (# of followers), 	<ul style="list-style-type: none"> - No of hits on project web-site - Minutes of stakeholder meetings- # articles in international press and popular magazines. Ongoing ((PEG minutes available for 29/7/14 and 3/12/14 from Terry Dawson), - Scientific papers published 1 paper submitted, 1 in preparation. - Presentations at conferences IMCC Glasgow August 2014, MASTS, RCUK and Bioinvasions presentations - Museum exhibits in place and evaluated. On-going (see tourism report SUPP1) - References to Pitcairn in Parliamentary questions and correspondence. Ongoing, report included, SUPP8 	<ul style="list-style-type: none"> - All stakeholders have access to email and web-site for registration (can provide a postal contact for correspondence). - There is interest from the international media.

	<p>Marine Instant Wild. Ongoing.</p> <ul style="list-style-type: none"> - Media outreach: # of articles, periodicals, journals <p>Articles published, see SUPP18 and SUPP19</p> <ul style="list-style-type: none"> - Perceptions surveys within key International stakeholder groups at beginning and close of project with 50% of international stakeholder research group have increased knowledge and perception of Pitcairn: <ul style="list-style-type: none"> a) Pitcairn tourists b) Science community c) Conservation community d) General public (UK) e) School children (UK) f) International media <p>Some work completed, reported in the tourism report, SUPP1 attached.</p> <ul style="list-style-type: none"> - Increase in resolve for marine management, specifically: <ul style="list-style-type: none"> • 50% Island households actively engaged in activities that support marine environmental issues • 20% Increased level of scientific research in Pitcairn. <p>Some work completed, reported in the tourism report, attached (SUPP1).</p>	<ul style="list-style-type: none"> - Ministerial meetings. Report included.. Team invitation by Zac Goldsmith MP to participate in the Launch of Parliament Initiative 'Marine Protected Areas in the UK Overseas Territories', House of Commons, Sep 2014; Team invitation by Kevin Lynch, Deputy Director, Pitcairn Islands Government, to participate in the UK Overseas Territories Joint Ministerial Council Reception, Foreign and Commonwealth Office, London, Dec 2014. - Google ranking for project websites - local community attendance and active participation at public meetings. - Number of participants in talks, workshops and conferences about Pitcairn. # of hits on website, subscribers to e-newsletter, likes on Facebook, followers on Twitter. <p>Ongoing – see Section 12.</p> <ul style="list-style-type: none"> - # public comments in response to online reports/articles <p>In hand, but need to monitor more systematically</p> <ul style="list-style-type: none"> -local community attendance and active participation at public meetings. <p>In hand, but need to monitor more systematically</p> <ul style="list-style-type: none"> - # grant applications, scoping visits and research projects implemented (with local collaborations), # scientists visiting/engaged with research in Pitcairn (databases, reports, scientific papers). <p>Activities recorded and documented through Pitcairn Environment Group (minutes are available)</p>	
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Annex 3 Standard Measures

Table 1 Project Standard Output Measures

Code No.	Description	Year 1 Total	Year 2 Total	Year 3 Total	Year 4 Total	Total to date	Number planned for reporting period	Total planned during the project
Established codes								
2	Number of people to attain Masters degree – Henry Duffy, MSc		1					
5	Marine/Fisheries Officer (Pitcairner)	1						
6A	Sustainable fisheries management training	20						
6A	Tourism training (SPC workshop, Feb 2015)		2					
6B	Sustainable fisheries management training	0.1						
8	Pitcairn visit by UK researchers	4	22					
9	Biodiversity Action plans for Spiny and Slipper lobsters		2					
11B	Papers submitted to peer-reviewed journals		1					
12B	Revised Pitcairn fish database		1					
14B	IMPAC3 Congress	1						
14B	SECC Glasgow (x2); MASTS, Edinburgh; Sustainable Fisheries, Seattle; RCUK2014, London; Bioinvasions, Galapagos		5					
15A	Dem Tull (Pitcairn News) Vol 7, No 12.	1						
15A	Dem Tull, Vol 8, No 6, June 2014 Pitcairn Islands Tourism Quarterly, Vol III, Issue 2, Oct 2014		2					
15C	Press Releases: Marine Reserves Coalition; ZSL.		2					
17A	<i>Pitcairn Environment Group</i> Established	1						

20	Diving and survey equipment	£262	£2,900					
21	Research Facility (laboratory work space, desk space, freezers, equipment storage) in the new Division of Natural Resources building		1					
23	2 Pitcairn Islanders visit to the UK (funded by Pew Trust)	£16,000	£16,000					
23	SPC Tourism Workshop, Tahiti, Feb 2015 (funded by SPC/ EU INTEGRE programme)							
New - Project specific measures								

Table 2 Publications

Title	Type (e.g. journals, manual, CDs)	Detail (authors, year)	Gender of Lead Author	Nationality of Lead Author	Publishers (name, city)	Available from (e.g. website link or publisher)
The Darwin Project	Newsletter	Dem Tull, Vol 8, No. 6, June 2014	Kari Young (Female)	Norway	Pitcairn News (Pitcairn Island)	www.demtullpitcairn.com/downloads.html
The Darwin Initiative Project	Newsletter	The Pitcairn Miscellany, June 2014	Henry Duffy (Male)	UK	Pitcairn Miscellany	http://www.miscellany.pn/
The Darwin Initiative Project	Newsletter	Pitcairn Islands Tourism Quarterly, Vol III, Issue 2, Oct 2014	Ana Pinto (Female)/ Henry Duffy (Male)	UK	Pitcairn Islands Tourism Department	www.visitpitcairn.pn/news/tourism_quarterly/index.html
Initial findings of underwater video of reef fishes at Pitcairn	Newsletter	Darwin Newsletter Issue August 2014- UK Overseas Territories	Robert Irving (Male)	UK	Darwin Initiative	www.darwininitiative.org.uk/publications/newsletter
* Dundee University helps create World's largest marine nature reserve	Newspaper	The Courier newspaper, 18 th March 2015 (SUPP18)	Stefan Morkis (Male)	UK	The Courier, Dundee	http://www.thecourier.co.uk/news/local/dundee/dundee-university-helps-create-world-s-largest-marine-nature-reserve-1.852988
* Clear Blue	Magazine	Contact,	Hilary	UK	Dundee	http://app.dundee.a

Thinking Makes An Impact On Pitcairn		April 2015, pg 16-17 (SUPP19)	McNally (Female)		University Press Office	c.uk/pressreleases/contact.html
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Annex 4 Onwards – supplementary material (optional but encouraged as evidence of project achievement)

This may include outputs of the project, but need not necessarily include all project documentation. For example, the abstract of a conference would be adequate, as would be a summary of a thesis rather than the full document. If we feel that reviewing the full document would be useful, we will contact you again to ask for it to be submitted.

It is important, however, that you include enough evidence of project achievement to allow reassurance that the project is continuing to work towards its objectives. Evidence can be provided in many formats (photos, copies of presentations/press releases/press cuttings, publications, minutes of meetings, reports, questionnaires, reports etc.) and you should ensure you include some of these materials to support the annual report text.

Included additional documentation and reports (evidence):

Supplementary materials (Files included with this year's report:

SUPP1	TourismOutreach2015.docx
SUPP1a	Appendix D- Landed Pax Numbers (2014).pdf
SUPP2	Pitcairn completed whale form_1.pdf
SUPP3	Online survey for cruise ship passengers.pdf
SUPP3a	Completed online survey example.pdf
SUPP4	Online survey for landing visitors.pdf
SUPP5	Notes of Pitcairn Fisheries meeting_04Dec14.pdf
SUPP6	Tourism Quarterly Volume III Issue II Oct 2014.pdf
SUPP7	Duffy_MSc_Abstract.pdf
SUPP8	Pitcairn policy achievements.docx
SUPP9	great-british-oceans-statement-feb-2015.pdf
SUPP10	Pitcairn fish catch data_13Oct14.pdf
SUPP11	Pitcairn fish catch records_Sep14-Jan15_30Apr15.xlsx
SUPP12	CONSTITUTION-PIFA-v1.docx
SUPP13	Pitcairn Islands Economic Report 2014.pdf
SUPP14	SPC - Economic study of commercialising Pitcairn fishing.pdf
SUPP15	Pitcairn Islands_case_for_protection_Apr14.pdf
SUPP16	BAP_11_ISFC_13_SpinyLobsters.pdf
SUPP17	BAP_12_ISFC_21_SlipperLobsters.pdf
SUPP18	Courier_Pitcairn_news_18Mar15.jpg
SUPP19	CONTACT_APRIL_2015_Pitcairn_news.pdf

Checklist for submission

	Check
Is the report less than 10MB? If so, please email to Darwin-Projects@ltsi.co.uk putting the project number in the Subject line.	✓
Is your report more than 10MB? If so, please discuss with Darwin-Projects@ltsi.co.uk about the best way to deliver the report, putting the project number in the Subject line.	
Have you included means of verification? You need not submit every project document, but the main outputs and a selection of the others would strengthen the report.	✓
Do you have hard copies of material you want to submit with the report? If so, please make this clear in the covering email and ensure all material is marked with the project number.	✗
Have you involved your partners in preparation of the report and named the main contributors	✓
Have you completed the Project Expenditure table fully?	✓
Do not include claim forms or other communications with this report.	