



QUARTERLY STEERING COMMITTEE REPORT
(April to June 2015, 2015:Q1)

Marine Spatial Planning for the Falkland Islands

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The purpose of this report is to describe the activities conducted during the last quarter as part of the Darwin Plus-funded Marine Spatial Planning (MSP) project, the state of activities against the expected outputs in the work plan and an update on the project budget with spent and expected expenses. The quarterly steering committee reports are produced for the steering committee to monitor and assess progresses. Edited versions of the reports are posted on the project webpage.

1. Summary of activities in the second quarter (2015:Q1, April-June 2014)

- MSP workshop #2 'Developing the tools' too place 16-17 April 2015 in Cambridge, UK
- MSP workshop 'Identification of important areas for marine megafauna' too place 13-14 April 2015 in Cambridge, UK
- Presentation to Ascension Island Government on MSP and feedback session on 8 April 2015
- All paperwork, expenses and reimbursements for April workshops sorted
- Attendance to FI Biodiversity Strategy workshop 19-20 May 2015
- Further data gathering for marine activities and wildlife
- Workshop reports submitted to co-authors or in good progress
- MSP research assistant for whale sub-project recruited and administrative paperwork organised
- MSP sub-project cultural ecosystem services mapping delineated and intern found
- Nearshore-dolphin project proposal under progress
- Using MSP tools to help with marine-related projects (biosecurity risks, penguin oiling) and show how MSP can facilitate marine management and understanding
- Progress on exit strategy for MSP (meeting with MLAs, drawing strategy)

2. Progress against work plan

The work plan for the life of the project is shown in the table below with the detailed expected outputs. The years are Darwin finance years (that are from April to March each year, not calendar years). The outputs relevant to the period 2015 Q1 (April-June 2015) are highlighted in yellow.



Activity	No of Months	2014				2015				2016			
		←	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Output 1 Increased data availability. Data review, identification, collation, storage and curation.													
1.1 Project Officer Recruitment	1		■										
1.2 Review of extant data relevant to MSP in the Falkland Islands	3		■	■	■	■							
1.3 Creation of metadata catalogue	3		■	■	■	■							
1.4 Collation, assimilation and creation of project specific geospatial databases	5		■	■	■	■	■						
Output 2 Best Practise Review													
2.1 Review circulated to project partners and stakeholders for comment. Project report posted on Websites	2		■	■									
Output 3 Stakeholder Workshop 1													
3.1 Workshop report produced and circulated for comment; workshop report posted on website	0.5		■										
Output 4 GIS Platform													
4.1 Build to accommodate data identified in the metadata catalogue and Stakeholder Workshop	14		■	■	■	■	■	■	■				
4.2 Map examples of specific data that would directly contribute to aims i.e. coastlines, habitats, resource extraction (fisheries/minerals), tracking data, seabird, mammal data, and physical data etc.	14		■	■	■	■	■	■	■	■			
Output 5 Data Analyses													
5.1 Re-examination of satellite track and logging data from seabirds and mammals to gain new data on ecologically important areas coastally in open ocean	10				■	■	■	■	■				
5.2 Report developed for circulation – develop into a peer review paper	3					■	■	■					
Output 6 Stakeholder Workshop 2													
6.1 Workshop report produced and circulated for comment; workshop report posted on website	1					■							
Output 7 Second main phase of data analyses													
7.1 Map current and newly acquired data to provide a "bioregionalisation" of the Falkland Islands EEZ	6							■	■	■	■		
Output 8 Stakeholder workshop 3													
8.1 Workshop report produced and circulated for comment; workshop report posted on website	1									■			
Output 9 Final Project Report and Policy Paper													
Final project report to Darwin and FIG. A policy paper produced to FIG's Environment Committee, the Policy Department and Executive Council	3									■	■	■	

All activities progressed successfully. The metadata catalogue is increasing as new data are explored, and treated or produced, and added (anchorage areas, recreational boating areas, seabird breeding colonies, tussac islands). Mapping of these data is concurrent with inclusion in the database. The [IMS-GIS Centre](#) GIS platform is in place and the officer is developing a WebGIS. The methodology to identify seabirds and marine mammal important areas was worked on during the April workshop and analyses will start shortly. The MSP workshop report 'Identification of important areas for marine megafauna' has been circulated to co-authors for comments. The MSP workshop #2 report is under progress and will be submitted to workshop participants and steering committee by mid-July. These activities are extended in the next quarter due to other priorities that took over but will be completed within one month.

Extra activities related to MSP took place during this quarter:

- The sub-project on whale distribution was organised. Interviews were conducted and research assistant selected and recruited, and all administration paperwork, flight and accommodation booking etc completed. The successful applicant will start in August.
- Development of a proposal for a study to fill data gaps on dolphin distribution around the Falkland Islands, to be submitted at the next round of Darwin Plus (with FC and other partners and collaborators).
- Shackleton scholarship for the sub-project mapping cultural ecosystem services was submitted and successful. However, the candidate intern had to move to another position. Efforts were made in finding a replacement but the committee did not see it fit to transfer the scholarship.



- A local replacement for the cultural ecosystem mapping, Denise Herrera, has been found so the study can go ahead despite the scholarship set back.
- Met with the Ascension Island team working on surveys for potential MSP there and Government staff to explain MSP and potential use of the Falkland Islands example.
- Two meetings with MLAs took place to give feedbacks on and develop an exit strategy for MSP.
- Collaborated on an ongoing biosecurity mapping study to show how MSP tools can be used for more refined understanding of the marine system (provided data and expertise).

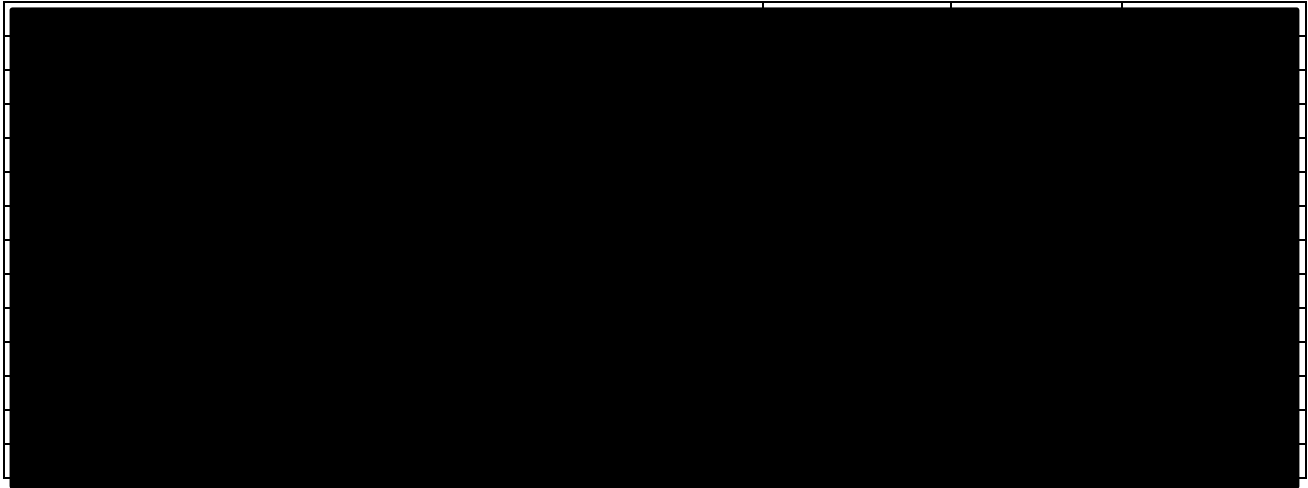
3. Budget update

The Darwin budget to report against is (with Darwin expenses categories):

Months	July 2014-March 2015	April 2015-March 2016	April 2016-Jun 2016	
Darwin periods	2014:Q2 to 2014:Q4	2015:Q1 to 2015:Q4	2016:Q1	
Darwin years	2014/15	2015/16	2016/17	Total
Staff Costs	£ 31,004	£ 44,283	£ 10,043	£ 85,330
Consultancy costs				£ -
Overhead costs				£ -
Travel & Subsistence	£ 5,000	£ 25,042	£ 1,000	£ 31,042
Operating costs	£ 4,000	£ 13,000	£ 1,700	£ 18,700
Capital Equipment**	£ 4,000			£ 4,000
Other costs**	£ 2,500	£ 8,500		£ 11,000
End of project audit fee* (max 1 x £1,500)			£ 1,500	£ 1,500
TOTAL	£ 46,504	£ 90,825	£ 14,243	£ 151,572
<i>% of DI Funding on Capital Equipment</i>				3%

The expenses and revenues for 2015:Q1 are as follow:

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The negative balance is only due to a lower income for this quarter than originally budgeted to accommodate for the large workshop expenses (Darwin stated that they do not give out more than 25% of the grant in the first quarter of a year). The original grant for the quarter written as per original budget was £29,060 so the difference given in the next quarter will be in excess. The Cambridge workshop was budgeted at £19,770 but actual expenses only added up to £17,154 (including all flights, accommodation and subsistence for all participants). The left over money has been proposed to cover the cost of the intern to conduct the cultural ecosystem services study (see attached submitted and approved change request form to Darwin in Appendix A).

Expenses planned in the next quarter are:



The project team will be re-working the project budget to ensure the money is spent to obtain the best added value for the project (webGIS, policy analyses, logistic assistance for workshop and other options).

4. Work plan for the next quarter

- Finalise workshop reports
- Complete all metadata entry in IMS/GIS Database and complete MSP metadata catalogue
- Write and submit ExCo paper
- Work on megafauna analyses
- Analyse and map shipping data
- Prepare/submit Darwin Plus dolphin proposal
- Start preparing Berkeley Sound case study and local workshop (to be run in October or November)
- Organise the new research assistants to initiate work on the whale mapping study and the cultural ecosystem mapping
- Work on papers if time allows



5. Review on annual Darwin report

The review was received on 6 June 2015 and was written by one anonymous independent reviewer. The Darwin Plus administration concluded that “You will see that the overall review is positive, with no major queries from the reviewer. The few issues raised by the reviewer in Section 2 can be answered through the next appropriate report.” The reviewer classified the project as “likely to be partly achieved” because there was not enough evidence shown of the stated progress in the report and a range of comments on the work. Some of these comments were wrong, and will be corrected as per examples below in the next report (it is acknowledged that one paragraph of the report was not clear and this will be also clarified then). These include for example:

- “The report indicated that further studies into megafauna, funded through this project, will be carried out”. The mapping whale distribution was clearly stated as funded by EPD through their ESB funding scheme, as part of the MSP project. No funds from the Darwin grant will be used to carry further studies on megafauna at the exception of the budgeted identification of important areas for this group as per original proposal.
- “There is advertisement for a GIS specialist position on the project website indicating that there is currently no one available within the project that is specialised in carrying out this core tasks”. There was no advertisement for a GIS specialist. The project officer has 10 years of research experience using GIS for ecological studies along with teaching GIS at university. The IMS-GIS Centre officer at SAERI is also collaborating for the development of the GIS platform through the Centre and has extensive experience in GIS, geo-databases and servers.

The reviewer highlighted the need to focus on two things: the GIS database and platform (they suggested a webGIS) and the exit strategy for the project, in particular the format of the framework and policy paper.

APPENDIX A
Darwin Plus change request



DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS
DARWIN INITIATIVE - APPLICATION FOR APPROVAL TO AMEND PROJECT OR
BUDGET

Project Ref No	DPLUS027 – Marine Spatial Planning in the Falkland Islands
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Details of your request

This is a request to re-assign some money to add in a short study on mapping marine and coastal cultural ecosystem services (not originally included in the project proposal but identified during project workshops on marine spatial planning as a vital inclusion in the process). The description of this study can be found attached at the end of this request form.

How is this different to your original application?

The only difference compared to the original application will be that some funds are provided for a short study (2-3 months) that will be incorporated in the MSP project. An intern will be employed to conduct the field work, digitise the results and write up. Some money was saved from the workshop organisation compared to the budgeted amount and this left-over money (total budgeted was £19,770 and expenses added up to £17,154 hence a left-over of £2,616) will be used to cover this short study.

The budget for this short study will be (total: £2,820):

- Research stipend for intern £1,500
- Travel to survey camp (remote settlements across the islands) inhabitants:
 - flights (4 at £130 each), total £520
 - camp accommodation (10 days) £600
 - camp subsistence (10 days) £200

Approximately £1500 originally budgeted for operational/other costs will be transferred to salary costs. Another amendment form for the MSP budget to accommodate for this will be submitted separately because other small changes need to be submitted to adjust the original budget to actual expected expenses.

Justification

During the public consultation and MSP workshop 1 in November, and further during workshop 2 in April, stakeholders and MSP experts have identified a missing element in the original research proposal to include social values in the MSP. Mapping marine cultural ecosystem services will allow for this social element to be included in the initial framework for MSP submitted to the Government at the end of the project. This small project will act as a pilot to demonstrate the importance of including how cultural values can be incorporated in the MSP process. It will also help with public engagement in the MSP process as members of the community will be asked about their personal values. A researcher from Canada (Dr Kate Sherren, Dalhousie University) will work in collaboration with the MSP project team to supervise the short study. She is an expert in the field of social science and participatory mapping.

What are the consequences of this request not being approved?

If this request is not approved, the inclusion of social values in the initial MSP framework will not be possible. It will be recommended but not demonstrated and, hence, it will reduce the capacity building and understanding of the process required to include social values. This will not affect the project outcomes but will not provide a full overview to the Falkland Islands Government and stakeholders of the powers of MSP and the benefits it can bring to the Falkland Islands and its inhabitants.

