



QUARTERLY STEERING COMMITTEE REPORT #2
(October to December 2014, 2014:Q3)

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 workplan and an update on the project budget with spent and expected expenses. The quarterly steering committee reports are produced solely for the steering committee to monitor and assess progresses. Public progress reports that present the general progress and examples of the work and challenges are also written for all stakeholders and interested parties. These public reports are made available on the [project webpage](#) on the SAERI website.

1. Summary of activities in the second quarter (2014:Q3, October-December 2014)

- Public consultation evening session
- Workshop “setting the scene”
- Public session and workshop reports
- MOU for megafauna data
- Communication with data owners
- Second steering committee meeting
- Identified and located further data
- Hosted Paulo Carty and discussed analyses and data
- MSP review for sub-polar isolated islands, manuscript in progress
- Data gathering with metadata catalogue in progress
- Identified some data gaps and potential small projects
- Started organising upcoming workshop “Developing MSP”
- Proposals in progress for major gaps in spatial data
- Started organising online public consultation



2. Progress against workplan

The workplan 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 2014:Q3 are highlighted in yellow. Green indicates amendments made to the original workplan where timetable was not appropriate.

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										■	■	■

The only incomplete activity relates to Output 2. Review was conducted and presented during the workshop and is included in the workshop report. However, following on this basic review, I am writing a scientific publication with a different focus. This will be finalised in the next quarter and ready for submission.

All other activities were completed or are on track for the quarter 2014: Q3. However, a few changes had to be made to the original workplan because it was identified that the chronological order of some activities was not appropriate and conflicted. Changes apply to metadata and data collation, workshop #2 and data analyses. The metadata catalogue and collation of spatial data will be worked on as long as the GIS platform outputs because these two steps are completely related (for instance shipping data will not be available until July 2015 to obtain a full year of data, and outputs of the multi-species megafauna analysis will not be available until approximately September 2015). Workshop #2 will take place in April 2015 rather than the next quarter because final analyses cannot start until research partners have been consulted. The data analyses were moved later to rectify this and are now starting after workshop #2 (although preliminary trial analyses will be conducted before and used as a discussion starter for the workshop).

The expected outputs in 2014:Q3 were:

Output #	Description	Timeframe	Status
1	Increased data availability. Data review, identification, collation, storage and curation	2014: Q2, Q3 and Q4	
1.3	Creation of metadata catalogue	2014:Q3 (changed)	In progress
1.4	Collation, assimilation and creation of project specific geospatial databases	2014:Q3 (changed)	In progress; data are still being obtained
2	Best practice review		
2.1	Review circulated to project partners and stakeholders for comment. Posted on website	2014: Q3	Complete, paper in progress with change of focus
3	Stakeholder workshop 1		
3.1	Workshop report produced, circulated to stakeholders and posted on website	2014: Q3	Completed
4	GIS platform		
4.1	Build to accommodate data in the metadata catalogue	2014:Q3 to 2015:Q4	On track (IMS/GIS database)
4.2	Map examples of specific data	2014: Q3 to 2016:Q1	On track

Extra activities were conducted to ensure the MSP process can proceed as per best practice. As community and stakeholder engagement is an important part of the process but were not planned for in the original workplan, a public session was organised where participants from the community were explained MSP, shown MSP examples and consulted about the process and aims of MSP for the Falkland Islands. A [public report](#) was produced. Further community engagement events will be conducted during the project.

Several media coverages of the MSP project were organised. FITV and FIRS conducted interviews and ran short stories on the MSP projects. The MSP project was also advertised on the Penguin News via the public consultation. The project was featured in two short communications that I wrote, in the bi-annual newsletter of the Society for Behavioural Ecology that I am a member of, and in the monthly University of Otago magazine (New Zealand).

Twelve days were spent helping with the GAP project penguin tagging as the data will be used and incorporated in the MSP project.

A tentative pilot study for GPS tracking of sooty shearwaters, in collaboration with an overseas researcher, was discussed and organised but had to be cancelled for the moment. Such data could have been used for MSP. Some GLS tags, for the overseas researchers, were recovered and the data should be made available by the researcher for MSP. A further proposal may be produced for the GPS tracking study if it is identified as a priority during the next steps of MSP.

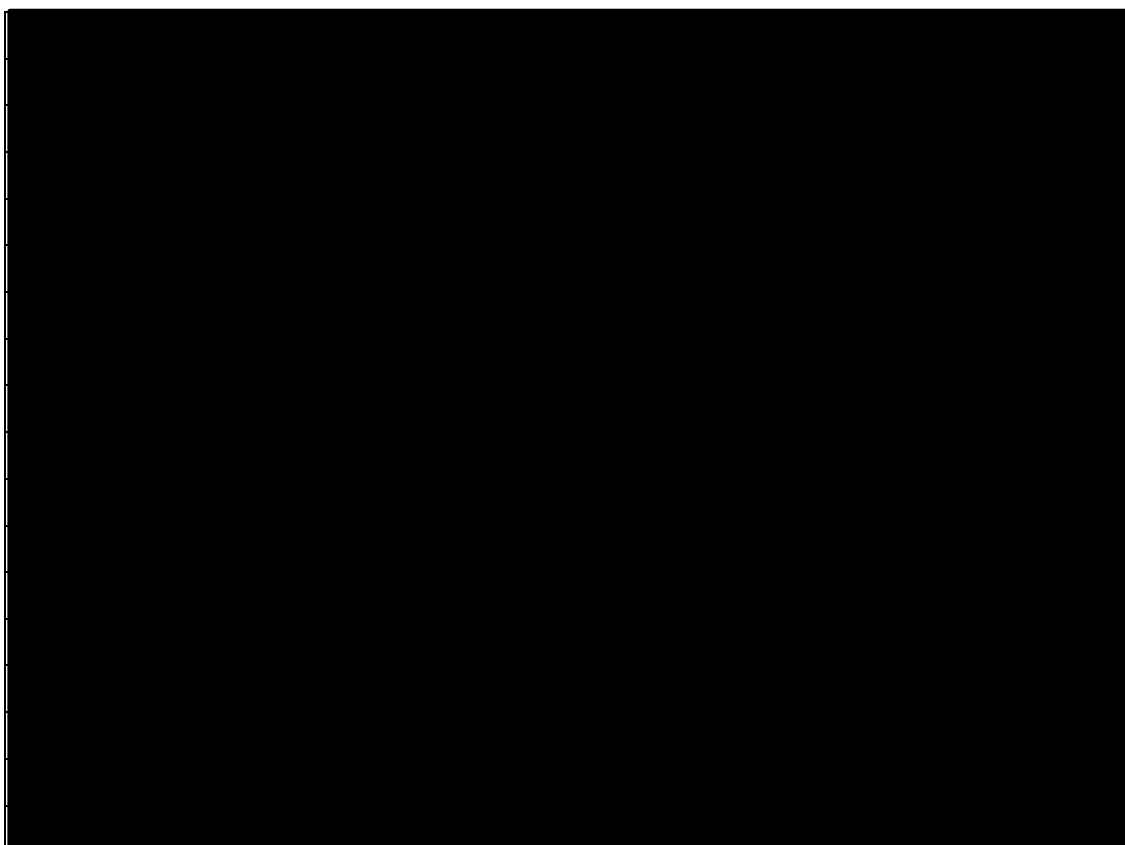
The only planned activity that did not occur was the visit to Dr Filippo Galimberti at Sea Lion Island due to his personal circumstances. This visit (or may be meeting in Stanley) is postponed until mid-March when elephant seal tracking data may be obtained and analyses discussed.

3. Budget update

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

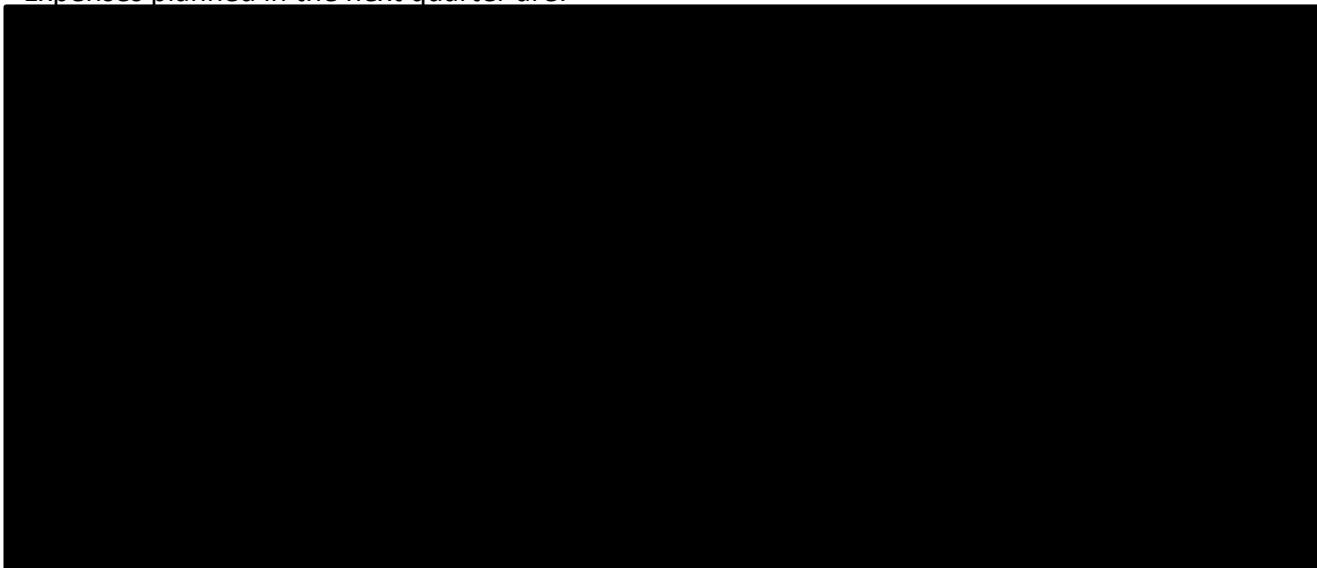
Months	July 2014-March 2015	April 2015-March 2016	April 2016-Jun 2016	
Darwin periods	2014:Q2 to 2014:Q4	2015:Q1 to 2015:Q4	2016:Q1	
Darwin years	2014/15	2015/16	2016/17	Total
Staff Costs	£ 31,004	£ 44,283	£ 10,043	£ 85,330
Consultancy costs				£ -
Overhead costs				£ -
Travel & Subsistence	£ 5,000	£ 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 2014:Q3 are as follow:



Several expenses did not occur during the last quarter due to a cancelled trip (Sea Lion) and administrative delays (contribution to server). These expenses will be incurred in the next quarter (approx. £2,000).

Expenses planned in the next quarter are:



The bookings for workshop #2 have to be finalised during the next quarter 2014:Q4. However, the amount to cover for these costs was associated with the date at which workshop #2 will take place in quarter 2015:Q1 in the original budget. It is consequently expected that the balance at the end of March 2015 will be in significant deficit. This deficit will be covered by the next quarter grant income that accounts for workshop #2 costs as per original budget.

4. Work plan for the next quarter

In collaboration with Ben Lascelles, satellite tracking data of marine megafauna will be analysed preliminary in order to have start point for discussion at workshop #2. Prior to this, further work will be needed to obtain datasets that we have not received so far and ensure we have asked all data owners.

Workshop #2 “Developing MSP for the Falkland Islands” will be organised and documentations will be provided to attendance 2 weeks prior to the workshop

A small online MonkeySurvey survey will be circulated to the Falklands community to obtain feedbacks on the process but, especially to try obtaining further data on marine cultural and social values.

Major work will be to enter new spatial datasets in the metadata catalogue and organised all data in the GIS database. Numerous datasets require significant manipulation to be of use, including some analyses. Data analyses and mapping will be undertaken to produce final layers for inputs in the MSP process.

Two publications are still in progress: MSP in small isolated sub-polar island and Spatial distribution of cetacean stranding in the Falkland Islands, and I aim to have them in a submission format by April-May.

In January, I will also attend and present at the Falkland Islands Science Symposium 2015, while helping with its organisation.

