



## Darwin Initiative Main/Post/D+ Project Half Year Report (due 31<sup>st</sup> October 2018)

<b>Project reference</b>	DPLUS081
<b>Project title</b>	Mapping for evidence-based policy, recovery and environmental resilience.
<b>Country(ies)/territory(ies)</b>	British Virgin Islands and Turks and Caicos Islands
<b>Lead organisation</b>	Environment Systems Ltd.
<b>Partner(s)</b>	JNCC; DECR, TCI; National Parks Trust of the Virgin Islands, BVI
<b>Project leader</b>	Johanna Breyer
<b>Report date and number (e.g., HYR3)</b>	HYR1
<b>Project website/blog/social media etc.</b>	None

**1. Outline progress over the last 6 months (April – Sept) against the agreed baseline timetable for the project (if your project has started less than 6 months ago, please report on the period since start up to end September).**

**Output 1: Satellite imagery sourced and processed and supplied to BVI and TCI; mapping produced for multiple dates supported by existing and new data**

### **1.1 Imagery planning, acquisition and preparation**

All imagery has been acquired, prepared and processed. For the shallow water bathymetry an evaluation of acquisition and processing methods for monitoring has been trialled and this will be rolled out in the next quarter.

### **1.2 Purchase of hardware to allow TCI and BVI to plan for using Sentinel data**

The hardware and software has been specified. Fieldwork equipment has yet to be ordered because recent technical advancements in the relevant technology for marine shallow water mapping might mean that it is possible to purchase more advanced and useful equipment which will help the islands with other projects as well. Following a final evaluation these will be purchased as soon as possible.

### **1.3 Collect field work data for training and modelling**

Fieldwork data collection has been planned and appropriate training will be provided during the workshop on BVI in early December. This will not affect the delivery of the mapping as the best time to collect these data is outside the hurricane season (July-October).

**Output 3: Workshops and training held on remote sensing, monitoring and ecosystem service mapping techniques**

### **3.1 Workshop 1: use of remote sensing and modelling**

This workshop is scheduled to take place on BVI from the 3<sup>rd</sup> to the 7<sup>th</sup> of December 2018. The delegates from TCI have confirmed their attendance and all travel, accommodation and venue bookings are confirmed. The agenda has been agreed with the local partners. The workshop materials have been planned and prepared.

**2a. Give details of any notable problems or unexpected developments/lessons learnt that the project has encountered over the last 6 months. Explain what impact these could have on the project and whether the changes will affect the budget and timetable of project activities.**

- Some timetable adjustments to fit in with local partner's availability and the hurricane season. These have only resulted in a few weeks difference and we do not therefore consider that these will have a knock-on effect on the overall project delivery: workshop 1 to be held from the 3<sup>rd</sup>-7<sup>th</sup> of December, rather than in Q2.
- Hardware purchases have been paused to allow for evaluation of recent technology advancements in the hope that better equipment than originally planned can be purchased.
- Following the feedback from Darwin and an internal re-evaluation of the original project log frame it has been acknowledged by the project partners that this would benefit from simplification and increased focus on the measurable indicators and means of verification. We have re-worked the log frame and will imminently re-submit it to Darwin.

**2b. Have any of these issues been discussed with LTS International and if so, have changes been made to the original agreement?**

Discussed with LTS: Pending

Formal change request submitted: No

Received confirmation of change acceptance No

**3a. Do you currently expect to have any significant (e.g., more than £5,000) underspend in your budget for this year?**

Yes  No  Estimated underspend: £

**3b. If yes, then you need to consider your project budget needs carefully.** Please remember that any funds agreed for this financial year are only available to the project in this financial year.

If you anticipate a significant underspend because of justifiable changes within the project, please submit a rebudget Change Request as soon as possible. There is no guarantee that Defra will agree a rebudget so please ensure you have enough time to make appropriate changes if necessary.

**4. Are there any other issues you wish to raise relating to the project or to Darwin's management, monitoring, or financial procedures?**

Not applicable.

If you were asked to provide a response to this year's annual report review with your next half year report, please attach your response to this document. Additionally, if you were funded under R24 and asked to provide further information by your first half year report, please attach your response as a separate document.

Please note: Any planned modifications to your project schedule/workplan can be discussed in this report but **should also** be raised with LTS International through a Change Request.

Please send your **completed report by email** to Eilidh Young at [Darwin-Projects@ltsi.co.uk](mailto:Darwin-Projects@ltsi.co.uk). The report should be between 2-3 pages maximum. **Please state your project reference number in the header of your email message e.g. Subject: 22-035 Darwin Half Year Report**