

Darwin Initiative: Half Year Report

(due 31 October 2009)

Project Ref. No.	162/16/002
Project Title	Building capacity for sustainable fisheries management in the Wallacea region
Country(ies)	Indonesia
UK Organisation	Operation Wallacea Trust
Collaborator(s)	Forkani
Project Leader	Dr Tim Coles
Report date	1 April - 30 September 2009
Report No. (HYR 1/2/3/4)	HYR/3
Project website	http://www.wallaceatrust.org/Pages/indonesia_kaledupa.shtml

1. Outline progress over the last 6 months (April – September) 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).

Fisheries monitoring and database development

The weekly monitoring of all landings over a 24 hour period in each of the 9 main fishing villages has continued throughout the report period and all data have been entered into the database on Kaledupa. In June 2009 the data collected from July 2007 by the Fisheries Monitors employed as part of the Darwin Initiative was analysed to identify the effects that potential byelaws would have on the fishery (Appendix 1). After the Kaledupa Fisheries Forum meeting that agreed 22 byelaws to be introduced the impacts of these agreements were modelled (Appendix 2). The fishery monitoring aspect of the project was designed to produce these outputs to help the Kaledupa Fisheries Forum monitor their effectiveness of their agreed changes.

Reef monitoring

Dr Dave Smith from the University of Essex and a team of marine biologists completed an annual survey of the reef fish and coral communities from 108 fixed transects each 50m in length around Kaledupa Island. The milestone of completing this survey being completed by September 2009 has been achieved.

Fisheries Byelaws and Regulations

The delayed meeting of the Kaledupa Fisheries Forum was held on 1 and 2 August 2009. The delay had been due to the advice of the Governor of the islands to increase the socialisation of the need for fishery byelaws before the meeting so that it was run more as a workshop to agree changes rather than as a discussion forum. The workshop which was organized by Dr Edi Purwanto (Operation Wallacea Trust Indonesia) was attended by 65 persons, comprising: (a) The elected representatives in each of the 25 villages and 2 hamlets (27 persons); (b) Main Official Leaders (Muspika) at Kaledupa and Kaledupa Selatan Sub-Districts (5 persons); (c) FORKANI members (12 persons); Wakatobi National Park (2 persons); (d) Wakatobi District Government (2 persons); (e) TNC/WWF (3 persons); (f) COREMAP (2 persons); (g) Operation Wallacea Trust (2 persons); (h) Opwall Ltd (5 persons); (i) CRRU (2 persons); (j) Lembaga Alam (2 persons). The workshop was officially opened by Head of Kaledupa Sub-District, and then continued with several presentations (Appendix 3). The KFF members were then divided into three working groups which was assigned to discuss specific topics. To ensure that the working group discussion addressed the relevant issues, a list of questions was given to each of the facilitators to guide the discussions. At the end of the workshop session, the representative of each working group presented their byelaws version in front of other working groups. After long and spirited debate over several sensitive points, the KFF was finally able to formulate an agreement which was then declared in front of Bupati Wakatobi during the closing ceremony (Appendix 4). This agreement identified 28 byelaws to be introduced that regulated the 3 most impacting fishing methods – gill nets, fish fences and bubu traps and a series of actions to be taken to ensure these rules are adopted as local perdes. As a follow up FORKANI together with Operation Wallacea Trust completed mapping in Kaledupa where boundaries of 23 villages were defined and mapped (Appendix 5) in collaboration with local communities.

During August 2009, FORKANI in collaboration with KFF members socialized the outputs and follow-up actions of the workshop to all villages in Kaledupa and Kaledupa Selatan Sub-Districts. Gatherings were conducted in each of the villages when they were celebrating independence day. On these occasions, villagers are used to setting up a stage where some key figures give speeches and artists entertain. FORKANI made use of this to get across messages on: (a) activities of Darwin Project; (b) impact of over fishing and the use of environmentally-unfriendly gears on reef fishery sustainability; (c) outputs and follow up of KFF workshop. The Governor of the Wakatobi Islands was so impressed with the progress made by Kaledupan fishers that he has requested that the Trust examine ways of raising funds to extend the approach to other islands in the archipelago and a concept note entitled *'Promoting Sustainable Management of Marine Protected Areas and Fisheries in Wakatobi'* has been submitted to the European Commission.

Development of businesses to provide income for licence buy outs

The design and business plan for the carrageenan plant was completed over this report period. The report (Appendix 6). This report was unfortunately delayed due to ill health of the author and the opportunity to use the building at Buranga promised by the Bupati was lost. The milestone developing detailed business plans for the development of alternative businesses by May 2009 was achieved a couple of months late as a result of the late delivery of the report. However, the report indicated that with investment of around \$ 2million a business could be created that would give the investors substantial returns and still allow \$1.75 million to be paid annually as compensation for those fishers surrendering their licences. The report has been forwarded to contacts in the City to complete stress testing of the model and to attract investors.

Publicity

A presentation about the Darwin Wakatobi project was given at the international symposium (*Coral Reef Management Symposium in Coral Triangle Areas*) organized by COREMAP on 12 October 2009 in Jakarta. Many workshop participants were interested on the concept and implementation of Darwin Project and during the discussion session, more questions were addressed to this project than to other remaining four presenters. An article about the Darwin project was also published in *BaKTI News* October edition (Appendix 7). In October 2009, we developed a newsletter named *'Warta Kaledupa'* (news from Kaledupa). The newsletter is designed as awareness materials which will contains various news concerning: (a) progress of Darwin Project; (b) research findings (simplified) of Operation Wallacea in Kaledupa and Hoga Islands; (c) profile of local fisher champions; (d) village regulations (byelaws). The first edition entitled *'Building Agreement on Sustainable Coral Reef Fisheries Management'*, which reported the outputs and follow-up actions of KFF workshop in August 2009 had 2500 copies printed and distributed to key villagers in two kecamatans.

2. Give details of any notable problems or unexpected developments 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.

The major issue causing concern is how quickly investors can be found to implement the carrageenan extraction plant. The details are circulating to potential investors and it was proposed to review progress in December 2009 and discuss with the Darwin secretariat at that point if it looked as though there were going to be delays.

Have any of these issues been discussed with the Darwin Secretariat and if so, have changes been made to the original agreement?

The delayed carrageenan report was discussed with the Darwin secretariat. No changes to the original agreement were required.

Discussed with the DI Secretariat: Yes **no/yes, in...May 2009..... (month/yr)**

Changes to the project schedule/workplan: **no/yes, in.....(month/yr)**

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

No

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.

Please note: Any planned modifications to your project schedule/workplan or budget should not be discussed in this report but raised with the Darwin Secretariat directly.

Please send your **completed form email** to Eilidh Young, Darwin Initiative M&E Programme at Darwin-Projects@ectf-ed.org.uk . The report should be between 1-2 pages maximum. **Please state your project reference number in the header of your email message eg Subject: 14-075 Darwin Half Year Report**