

**ANNUAL REPORT  
CENTRE FOR SUSTAINABILITY  
2016**



**July 2017**

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## GENERAL INFORMATION

**Trade name:** Centre for Sustainability  
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## INTRODUCTION

The Centre for Sustainability is a non-profit organization working on sustainable development in Palawan, the Philippines. We are operating as social entrepreneurs and we focus on contributing to the creation of a sustainable future for Palawan through the execution of projects that are practical, environmental friendly and long lasting. Through our Philippine sister organization we carry out conservation, education and livelihood projects.

## BOARD MEMBERS

### NETHERLANDS

- 1) Jonah van Beijnen (Chairman)
- 2) Kyra Hoevenaars (Secretary)
- 3) Dirk de Wit (Board member)

## PARTNERS & ASSOCIATES

- AMPHIBIAN SURVIVAL ALLIANCE
- PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT
- NATIONAL MUSEUM OF THE PHILIPPINES
- KATALA FOUNDATION
- WESTERN PHILIPPINES UNIVERSITY
- DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
- RAINFOREST TRUST
- GLOBAL WILDLIFE CONSERVATION
- GERMAN DEVELOPMENT COOPERATION (GIZ)
- STARTLIFE
- THE OTTERFUND FOUNDATION
- DEPARTMENT OF ENVIRONMENT, FOOD AND RURAL AFFAIRS (DEFRA) & FAUNA AND FLORA INTERNATIONAL
- PHILIPPINE TROPICAL FOREST CONSERVATION FOUNDATION
- ROBECO

## PROJECT ACTIVITIES- GROUPER HATCHERY

Due to political reasons the Philippine foundation had to give up the grouper hatchery activities around February 2016. The project that was carried out with the Western Philippine University was successfully completed in June 2016.

The project titled '*Protocol development for the culture of high value marine finfish species as a livelihood opportunity for the people of Palawan*' was funded by USAID. The project was part of STRIDE (Science, Technology, Research and Innovation for Development), a five-year program to strengthen applied research activity in Philippine universities and industry.

The goal of the project was to optimize production of grouper fingerlings and expand hatchery output of other high value marine species to increase the number of project beneficiaries and decrease the pressure on Palawan's marine ecosystems. The project team has been trained by senior technicians of the Centre for Sustainability to ensure proficient skills to carry out the work necessary for the project.

Eight experiments were successfully carried out with tiger grouper and rabbit fish:

- EXPERIMENT 1: Hatching Rate of Tiger Grouper (*Epinephelus fuscoguttatus*) eggs at three different temperatures
- EXPERIMENT 2: Hatching rate of Tiger Grouper (*Epinephelus fuscoguttatus*) larvae at different flow rates
- EXPERIMENT 3: Survival of Tiger Grouper (*Epinephelus fuscoguttatus*) larvae at different stocking densities
- EXPERIMENT 4: Survival of Rabbit Fish (*Siganus guttatus*) larvae at different stocking densities



- EXPERIMENT 5: Growth of Tiger Grouper (*Epinephelus fuscoguttatus*) fingerlings at different stocking densities
- EXPERIMENT 6: Growth and survival of Tiger Grouper (*Epinephelus fuscoguttatus*) comparing 2 types of feeds
- EXPERIMENT 7: Growth of Golden Rabbit Fish (*Siganus guttatus*) fingerlings at different stocking densities
- EXPERIMENT 8: Growth and survival of Golden Rabbit Fish (*Siganus guttatus*) comparing 2 types of feeds

Other activities conducted were training of project personnel by SEAFDEC and Centre for Sustainability, evaluation and training for Grouper growers, training of interns and the project hosted excursions for the University. For more information please see the final report of the project.



## PROJECT ACTIVITIES- FOREST CONSERVATION

Our partners and we are extremely pleased to announce that after over 5 years of persistent hard work, 41,350 hectares of primary forest was officially protected through the creation of the Cleopatra's Needle Critical Habitat (CNCH) —the biggest Critical Habitat of the Philippines and a big win for local Batak tribe and other indigenous groups! The centre of this large forest is shaped by Cleopatra's Needle, the highest peak of Puerto Princesa City and surroundings (1,593 MASL). This area is a real biological gem—not only is it the last haven for countless endemic flora and fauna species, it further serves as the largest watershed in the City, providing water for approximately 30% of the residents in the City. Most importantly, it is the ancestral domain of the last remaining 200 members of the diminishing indigenous Batak tribe, who have inhabited the area since time immemorial.



In 2016 the following activities were carried out:

- I. The Cleopatra's Needle Forest Reserve (41,350 hectares) was declared as a Critical Habitat by PCSD hereby protecting countless indigenous and endangered species.
- II. Eight management planning sessions were held in the different barangays as preparation for a establishing a management plan which will serve as guidelines for the management board of the reserve.
- III. Execution of law enforcement training with the indigenous people in the area in order to provide capacity-building of forest wardens and deputy forest wardens.
- IV. Execution of an environmental education program on the forest environment reaching over 700 children.

- V. Executive of an eco-tourism training for members of the Batak Tribe (24 guides) in the area.
- VI. Execution of the 'Save the Almaciga project' (completed in 2016, extension granted)



As part of our efforts in establishing the Cleopatra's Needle Critical Habitat, we initiated the Saving the Almaciga project. The Almaciga tree (*Agathis philippinensis*) is the primary producer of non-timber forest products in the forests of the CNCH and its high-value resin represents a big portion of the income of the Indigenous Batak tribe and other indigenous groups who have lived in this area since time immemorial. This ancient coniferous tree used to dominate the upland forests in Palawan but over-harvesting and illegal logging now threaten its existence.

We assisted the indigenous communities in the area with their goal to ensure the future of the Almaciga tree, and thus livelihood and existence of the local indigenous people, through research, reforestation, education and training, and enforcement.

Over 5000 Almaciga seedlings were propagated by Indigenous and local communities from the first-ever Almaciga cone-based propagation nurseries in the Philippines. Several scientific documentations have been made, the local communities have created a management plan for the species, and an enforcement team is being setup.



**In the news:**

NGO, IP's group collaborate on Almaciga tree-planting program in Tanabag, Puerto Princesa  
<http://palawan-news.com/ngo-ips-group-collaborate-almaciga-tree-planting-program-tanabag-puerto-princesa/>

## FINANCES

### DONORS

We are very grateful for the support of our donors to our projects. In the following table the contributions to our projects from the respective funding agencies and donors is shown for 2016.

Project	Funding agency	Amount paid
Cleopatra's Needle Forest Reserve	Donations (Willemijn van Dusseldorp)	EUR 360
	Robeco	EUR3,148
Student Research program	Student contributions	EUR1,500

### BALANCE SHEET

	<u>Dec 31, 16</u>
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
1110 · Petty cash	4.00
1200 · Bank	<u>9,689.68</u>
Total Checking/Savings	<u>9,693.68</u>
Total Current Assets	9,693.68
Fixed Assets	
1410 · Investment in SSE Phil's Inc	<u>9,500.00</u>
Total Fixed Assets	<u>9,500.00</u>
<b>TOTAL ASSETS</b>	<b><u><u>19,193.68</u></u></b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Long Term Liabilities	
2400 · Loan POC Startlife	<u>46,982.44</u>
Total Long Term Liabilities	<u>46,982.44</u>
Total Liabilities	46,982.44
Equity	
3100 · Retained Earnings	-29,732.79
32000 · Unrestricted Net Assets	2,510.00
3600 · Owner s equity	585.00
Net Income	<u>-1,150.97</u>
Total Equity	<u>-27,788.76</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b><u><u>19,193.68</u></u></b>

PROFIT AND LOSS STATEMENT

	<u>Jan - Dec 16</u>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
4300 · Student fee	1,500.00
4600 · Donations	<u>3,508.00</u>
<b>Total Income</b>	<u>5,008.00</u>
<b>Gross Profit</b>	5,008.00
<b>Expense</b>	
6500 · Office	
6540 · Communication	<u>60.00</u>
<b>Total 6500 · Office</b>	60.00
9400 · Donation to CS-PH	<u>5,940.00</u>
<b>Total Expense</b>	<u>6,000.00</u>
<b>Net Ordinary Income</b>	-992.00
<b>Other Income/Expense</b>	
<b>Other Income</b>	
9100 · Miscellaneous income	<u>-7.50</u>
<b>Total Other Income</b>	-7.50
<b>Other Expense</b>	
9540 · Bank charges	<u>151.47</u>
<b>Total Other Expense</b>	<u>151.47</u>
<b>Net Other Income</b>	<u>-158.97</u>
<b>Net Income</b>	<u><u>-1,150.97</u></u>

## ACKNOWLEDGEMENTS

We would very much like to thank our local and international partners, donors and associates for their support to make our work possible; the Amphibian Survival Alliance, The Palawan Council for Sustainable Development, Katala Foundation, Western Philippine University, Startlife, Department of Environment and Natural Resources, German Development Cooperation (GIZ), Rainforest Trust, USAID-STRIDE, Global Wildlife Conservation, the Otterfund Foundation, Philippine Tropical Forest Conservation Foundation, Willemijn van Dusseldorp, Dirk de Wit, Pieter van Eijk, Peter van der Werf, and Robeco.