









FUND OUR FUTURE

Inspiring and enabling communities to take action for biodiversity conservation and sustainable development to tackle climate change.

A partnership proposal for LMAX Group to help protect and sustain an island for conservation and its biodiversity, raise and train a new generation of conservationists and citizen scientists, and open opportunities for communities to have a sustainable future through education, livelihood, and development.

PRRCFI

Philippine Reef and Rainforest Conservation Foundation, Inc.
www.prrcf.org
www.danjuganisland.ph

DANJUGAN SANCTUARY





OUR STORY

The Philippine Reef and Rainforest Conservation Foundation, Inc. (PRRCFI) is non-stock, non-profit organisation focused on environmental conservation. The foundation manages Danjugan Island, a marine sanctuary and ecotourism destination, observing a low-impact, low-volume, high-quality and high-value tourism model. Our story started in 1991 with the dream to buy the island to save it. With the help of World Land Trust and Land Bank of the Philippines, this dream became a reality. Three decades of conservation work in and around the island has brought about the regeneration of the forests (fig. 1) and coral reefs. Safeguarding Danjugan island means the continued protection of critically important ecosystems and species:



Figure 1. The regeneration of limestone forests from 1991 (top photo) to 2020 (bottom photo).

7 ecosystems:

- Limestone forests
- Mangroves
- Seagrass beds
- Lagoons
- Caves
- Beaches
- Coral reefs

Wildlife species:

- 572 fish species
- 244 hard coral species
- 74 bird species
- 10 bat species
- 17 mangrove and associated species
- 8 species of seagrass
- 22 species of butterflies

We saved this island mainly for biodiversity conservation and to transform it into nature's perfect classroom. Environmental education is one of the strengths of the foundation. Youth Marine and Wildlife Camps were pioneered in 1991 with the hope of transforming today's youth to become tomorrow's conservationists. Many of our campers have chosen a path towards conservation and sustainable development, inspired by their experience in Danjugan. They continue to work for a better environment as biologists, environmental lawyers, responsible business owners, and more, supporting the foundation achieve its vision of *"People and Wildlife in Harmony for a Sustainable Future"*.

Our intention towards conservation was accompanied by the support of so many who love Danjugan Island and our advocacy. All of this support has made it possible for us to be where we are now. We hope you can be part of this wonderful journey in preserving the environment and inspiring people to take action towards environmental conservation.







OUR INITIATIVES

In partnership with our funders, communities, local and national authorities, and networks, our programmes now span biodiversity conservation, nature tourism, science and research, environmental education, solid waste management and zero-waste initiatives to tackle climate change.

Our conservation work has a strong record of delivery with a range of national and international conservation partners including Foundation for the Philippine Environment, United Nations Development Program, the United States Agency for International Development, Deutsche Gesellschaft für Internationale Zusammenarbeit and World Wildlife Fund. Danjugan Island and our other projects have attracted research collaboration and environmental conservation programmes from world leading scientists and educators from Coral Cay Conservation, James Cook University, Chester Zoo, Flora and Fauna International, University of Singapore, University of Hiroshima, Flinders University and Swansea University.

These partnerships have directly impacted 9 cities and municipalities in Negros Island, over 2000 camp graduates from Luzon, Visayas and Mindanao, and reaching over 50,000 people through our advocacy posts, virtual camps and video productions on social media.





KEY ACHIEVEMENTS

The conservation of Danjugan island has paved the way for many other environmental initiatives in partnership with local communities, non-government organisations and Philippine government agencies focused on the environment, education and tourism. Our work started on the island but now has spread beyond its shores.



- Danjugan island established as a Marine Protected Area in 2000 and won the Best Managed Reef in the Philippines in 2001.
- Recognized as one of the Top 10 Philippine Gems in 2014
- Recognized as one of the Top 10 Ecotourism spots in the Philippines by TV network GMA 7 in 2020.
- Finalist for Rappler's 2019 MovePH Awards as Ambassador for Environmental Sustainability
- Founder, Gerry Ledesma and Executive Director, Dave Albao receive the Negros Occidental Governor's Achievement Award 2021.
- Four women project staff received the "Abanse-Negrense – Bayi para sa Dunang Manggad (Women for the Environment) Awards 2021.

- Successful giant clam seeding project in partnership with the University of the Philippines Marine Science institute done in 2000. Today, these giant clams have been observed to be spawning and seeding reefs around Danjugan island.
- Increased sea turtle sightings and nestings.
- Consistent black tip shark breeding each year.
- Consistent breeding of sea eagles every 2 years.
- Increased sightings of coconut crabs, tabon scrub fowls, eagle rays, napoleon wrasses
- Coral cover and fish biomass higher compared to unprotected sites.





- About 2000 youth camp graduates
- Partnership with the Department of Education Philippines in the Danjugan Island Environmental Education Program and curriculum development for public schools.



- Mentored and supported 143 scholars in fisheries, forestry and agriculture in partnership with the Department of Agriculture
- Spotlight on PRRCFI scholar and Community Officer, Carmela Ellaga: She graduated cum laude with a fisheries degree. In 2021, she was recognized by Michelle Obama as one of the “5 Young Women Fighting for Climate Justice You Should Know”
- 10 PRRCFI staff have been deputized as licensed “bantay-dagat” or sea wardens by the Bureau of Fisheries and Aquatic Resources

- Provided employment to 20 families and supported businesses from local communities by engaging them in our Danjugan Island Nature Tourism Program
- Supported 8 local micro-businesses (sari-sari stores) to be more sustainable through zero-waste practices





- Engaged over 3000 volunteers in our SWEEP (Sea Waste Education to Eradicate Plastic) Project volunteers for beach clean ups and waste audits.
- Actively supporting/engaging 9 cities and municipalities in Negros Island in solid waste management and other environmental governance initiatives

OUR PROGRAMS



Environmental Conservation, Research and Regeneration

- Protect and sustain the island ecosystems and those who love and look after it
- Train and enable citizen scientists to monitor, assess and protect biodiversity
- Fund collaborative research with communities to raise awareness and drive action to protect the environment
- Fund centres of hope to inspire and support research, innovation and citizen science for biodiversity conservation and climate action

Environment Education and Youth Scholarships

- Grow and empower the next generation of conservationists through scholarships and sponsorships
- Breakdown barriers for young women and men to get a good quality education
- Provide opportunities for people of all demographics to know, love and protect the environment through experiential learning





Sustainable Livelihood and Community Development

- Provide livelihood for local communities through sustainable agriculture and fisheries
- Empower communities to participate and benefit from sustainable tourism
- Empower women
- Work with communities to reduce plastic pollution



PARTNER WITH US

There are several ways to partner for the conservation of Philippine reefs and rainforests.

These partnerships bring benefits not only to wildlife and their habitats, but also to communities affected by climate change and the coronavirus pandemic, as well as to the funders who seek meaningful avenues to make a positive footprint.

Our programs and projects are designed to contribute to the 17 Sustainable Development Goals of the United Nations, or the 2030 Agenda. The last of these SDGs is Goal No. 17: Partnerships for the Goals.

1. Fund our Future Packages

Funders can choose one of the standard 'Fund our Future' packages: BRONZE, SILVER or GOLD. These provide a balanced set of funding opportunities across all of the three areas that PRRCFI is active in:

- Environmental Conservation, Research and Regeneration
- Environment Education and Youth Scholarships
- Sustainable Livelihood and Community Development

2.Fund Sustainable Infrastructure Packages

Funders can help us build centres of hope to inspire and support research, innovation and citizen science for biodiversity conservation and climate action. These infrastructure are to be built for:

- Science, Research and Education
- Renewable Energy Systems and Freshwater Supply Systems
- Nature Tourism

3. Custom Options for Long-Term Support

For sponsors able to work in partnership with PRRCFI over multiple years, we can work with your ESG team to tailor a custom package containing elements of the standard 'Fund our Future' and 'Fund our Infrastructure' packages. In addition for long term supporters we can offer VIP Island visits to view the work of the PRRCFI and meet the team including the use of Danjugan Island for corporate events within the carrying capacity of the Island.

FUND OUR FUTURE PACKAGES

There are several ways to partner with PRRCFI. Funders can choose one of our standard packages (Bronze, Silver, Gold). These provide a balanced set of funding opportunities across all of the areas that PRRCFI is active in.

A 3-year funding commitment is recommended to create a lasting and more sustainable impact.

BRONZE	£50,000 – 12 months
SILVER	£100,000 – 12 months
GOLD	£200,000 – 12 months

BRONZE
£50,000 – 12 months

Environmental Education	• Fund 3 scholars from disadvantaged backgrounds • Sponsor 2 Marine Camps

Environmental conservation, research and regeneration	• Support 5 Sea Wardens[1].
	• One 'Front-line Conservation' programme[2]; Examples;
	  • Giant clam survey
	  • Tabon Bird Count
	  • Turtles nesting sites protection
	  • Eagles Breeding documentation
	  • Beach Forest Nursery
	  • Coral Resilience Monitoring
	  • Abalone Aquaculture for Livelihood

Sustainable Livelihood and Community Development	• Sustainable Livelihood opportunities in agriculture, fisheries and tourism for 2 community groups (~50 households).
Package Outputs / Deliverables	• Impact & Financial report twice a year (electronic) with associated media. • Joint Press including Website placement on sponsors page, Social Media announcing partnership plus sponsored activities/reports. • 'Front-line Conservation' report with images and sponsor's logo and acknowledgment.

[1] This package provides a basic stipend, equipment and clothing to protect them from harsh weather while protecting the marine reserves.

[2] 'Front-line Conservation' programs fund the training of local scientists and explore new ways of preserving biodiversity, reducing impacts and restoring the ecosystems . At the end of each initiative, it will have toolkit and a report with sponsor's logo

SILVER
£100,000 – 12 months

Environmental Education

- Fund 5 scholars from disadvantaged backgrounds
- Sponsor 3 Marine Camps
- Fund production of books on biodiversity and conservation for schools and communities

Environmental conservation, research and regeneration

- Support 5 Sea Wardens[1].
- Training of Sea Wardens
  - Two 'Front-line Conservation' programme[2]; Examples;
    - Giant clam survey
    - Tabon Bird Count
    - Turtles nesting sites protection
    - Eagles Breeding documentation
    - Beach Forest Nursery
    - Coral Resilience Monitoring
    - Abalone Aquaculture for Livelihood
- Train up citizen scientists to do a full biodiversity assessment and create a toolkit that can be shared with Environmental organisations for best practice

Sustainable Livelihood and Community Development

- Sustainable Livelihood opportunities in agriculture, fisheries and tourism for 2 community groups (~50 households)
- Community based training to empower women in sustainable alternative livelihoods

Package Outputs / Deliverables

- Impact & Financial report twice a year (electronic) with associated media.
- Joint Press incl Website placement on sponsors page, Social Media announcing partnership plus sponsored activities/reports.
- 'Front-line Conservation' report with images and sponsor's logo and acknowledgment.
- Books contain sponsor acknowledgement and logo. Electronic copies provided (may not be in English)
- Sponsors have the opportunity to participate in marine camps and community events/training
- Short Video from PRRCFI Board Members/Senior Staff detailing the impact that the support has made to the work of the foundation

GOLD
£200,000 – 12 months

Environmental Education

- Fund 5 scholars from disadvantaged backgrounds
- Sponsor 3 Marine Camps
- Fund production of books on biodiversity and conservation for schools and communities
- Sponsor World Oceans Day Campaigns and Events

Environmental conservation, research and regeneration

- Support 5 Sea Wardens[1].
- Training of Sea Wardens
- Three 'Front-line Conservation' programme[2];
  Examples;
  - Giant clam survey
  - Tabon Bird Count
  - Turtles nesting sites protection
  - Eagles Breeding documentation
  - Beach Forest Nursery
  - Coral Resilience Monitoring
  - Abalone Aquaculture for Livelihood
- Train up citizen scientists to do a full biodiversity assessment and create a toolkit that can be shared with Environmental organisations for best practice
- Citizen training for enhancing and sustaining habitat management and protection to increase the capacities of communities to finance and evaluate MPAs
- Fund a Sea Patrol Boat.
- One Small Infrastructure (see next page)

Sustainable Livelihood and Community Development

- Sustainable Livelihood opportunities in agriculture, fisheries and tourism for 2 community groups (~50 households)
- Community based training to empower women in sustainable alternative livelihoods
- Marine Plastic Reduction: Support local innovators (SMEs) who aim to reduce or prevent single use plastic waste[3].

Package Outputs / Deliverables

- Impact & Financial report twice a year (electronic) with associated media.
- Joint Press incl Website placement on sponsors page, Social Media announcing partnership plus sponsored activities/reports.
- 'Front-line Conservation' report with images and sponsor's logo and acknowledgment. Video testimonials from the scientists on the impact of the donation
- Books contain sponsor acknowledgement and logo. Electronic copies provided (may not be in English)
- Sponsors have the opportunity to participate in marine camps and community events/training
- Visit the Island. A VIP Visit to Danjugan Island for the sponsor and up to 10 guests for 5 nights.
- Name the Sea Patrol Boat. Sponsor's logo on the boat. Social Media, images and short video explaining the impact of the donation.
- Video and Impact Reports for Marine Plastics Reduction
- Short Video from PRRCFI Board Members/Senior Staff detailing the impact that the support has made to the work of the foundation

[3] The project will feature innovations from diverse stakeholders and will raise public awareness on solutions to marine litter. This will include business development activities, virtual hackathons, social marketing and so forth. The sponsor will participate in shortlisting/selection process and optionally make the awards.

FUND SUSTAINABLE INFRASTRUCTURE PACKAGES



All projects come with social media and joint press. Infrastructure projects can be named by the sponsors and carry logos/branding of a mutually agreed size/visibilty conforming to the goals of the architecture.

For projects over £100,000, sponsors may wish to be present to formally ‘open’ the infrastructure and an Island Stay for up to 10 guests for 5 nights is included. Video of the opening ceremony and of PRRCFI board members or scientific staff detailing the impact of the valuation are included.



**Proposed design for the Sea Turtle Conservation Center*

Infrastructure for Science, Research & Education	
Sea Turtle Conservation Centre The centre will have 1 lecture hall for educational programs, training and workshops, and 4 sleeping quarters. The Sea Turtle Conservation Centre on Turtle Beach in Danjugan Island is a proposed facility to focus on the conservation of sea turtles and the effects of sea level rise. It has been observed that tides have unearthed some nests on the island. There is a deep concern that the rising sea levels are making it more difficult for these nests to survive. Therefore, this centre, to be built with sustainable materials, will provide a base for science and research studies for both sea level monitoring, translocation of turtle nests to a safer area and a rehabilitation centre for turtles in need.	£200,000
Danjugan Island Learning Centre and Museum The renovation of this currently existing structure will upgrade its capacity to hold events, exhibits, a library and a small laboratory for nature interpretation. The centre will be furnished with a solar-powered interactive booth for access to digital content and a digital species sightings log for visitors to contribute to. Field guides, posters, maps and other print materials included.	£150,000
Sea level / Tidal monitoring Data on tides and sea level rise along South Negros is sparse. This set of scientific instruments would provide basic data on local sea level rise which the foundation would contribute to national and international data sets as well as use for local conservation and disaster risk reduction purposes.	£30,000
High-Bandwidth Satellite Internet Connection for Danjugan Island Conservation/Science relies heavily on the Internet – for data gathering and collaboration. Providing a low impact method of high speed connectivity LEO satellite internet connectivity would also enhance the ability for the foundation to make its nature tourism initiatives attractive.	£9,000
Boat for Research and Patrolling This boat will be designed to be a small mobile research station for coral reef ecosystem studies (not open sea). It will carry basic equipment for positioning and communications, and so it could be used for surveillance and patrolling of the marine protected area.	£9,000



*Existing solar power system at Typhoon Beach

Infrastructure for Renewable Energy Systems & Freshwater Supply Systems	
Solar Power System This is in addition to the current capacity of Danjugan Island's off-grid energy infrastructure, targeting a total of 5KW system with sufficient number of batteries to run for 12 hours without sunlight, a battery management system and possibly a powerwall.	£70,000
Desalinator System Fresh water is at a premium on Danjugan Island. A desalinator system combined with a rainwater capture system would allow year round fresh water without the environmental impact of transport from the mainland.	£50,000
Rainwater Catchment System and Cistern To fully maximize the use of rainwater for freshwater needs of the island's operations, this rainwater catchment system will have a 5,000-liter capacity and water-efficient technology, as well as metering/monitoring.	£30,000

Infrastructure for Nature Tourism	
Eco-cabana (1 unit; there is space for 8 units spread throughout the island) Each of these will be low-impact structures made by local builders with locally-available and/or recycled materials - such as bamboo, mud, and glass. It will feature natural ventilation, rainwater catchment integration as it will accommodate guests.	£30,000
Birdwatching tower and viewdecks Existing viewdecks reinforced with bamboo trails leading to a birdwatching tower as a safe space for people and wildlife. Includes equipment e.g spotting scopes.	£30,000
Zero-waste kitchen and permaculture garden The design of this kitchen is to integrate zero-waste technology and permaculture for food production and preparation on the island. This may involve soil regeneration, edible landscapes, composting methods, streamlined in this infrastructure.	£15,000
Ecoloo (1 unit eco-toilet; there is space for 8 units spread throughout the island) Using ecological sanitation technology which drastically reduces the need for water and allows recycling of nutrients, these waterless toilets will provide convenience to the island's researchers and guests.	£7,000



"In the end we will conserve only what we love; we will love only what we understand; and we will understand only what we are taught."
(Baba Dioum, 1968.)

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