



CORAL
TRIANGLE
CENTER

Inspiring People Saving Oceans

FOURTH QUARTER 2023 REPORT

CORAL TRIANGLE CENTER



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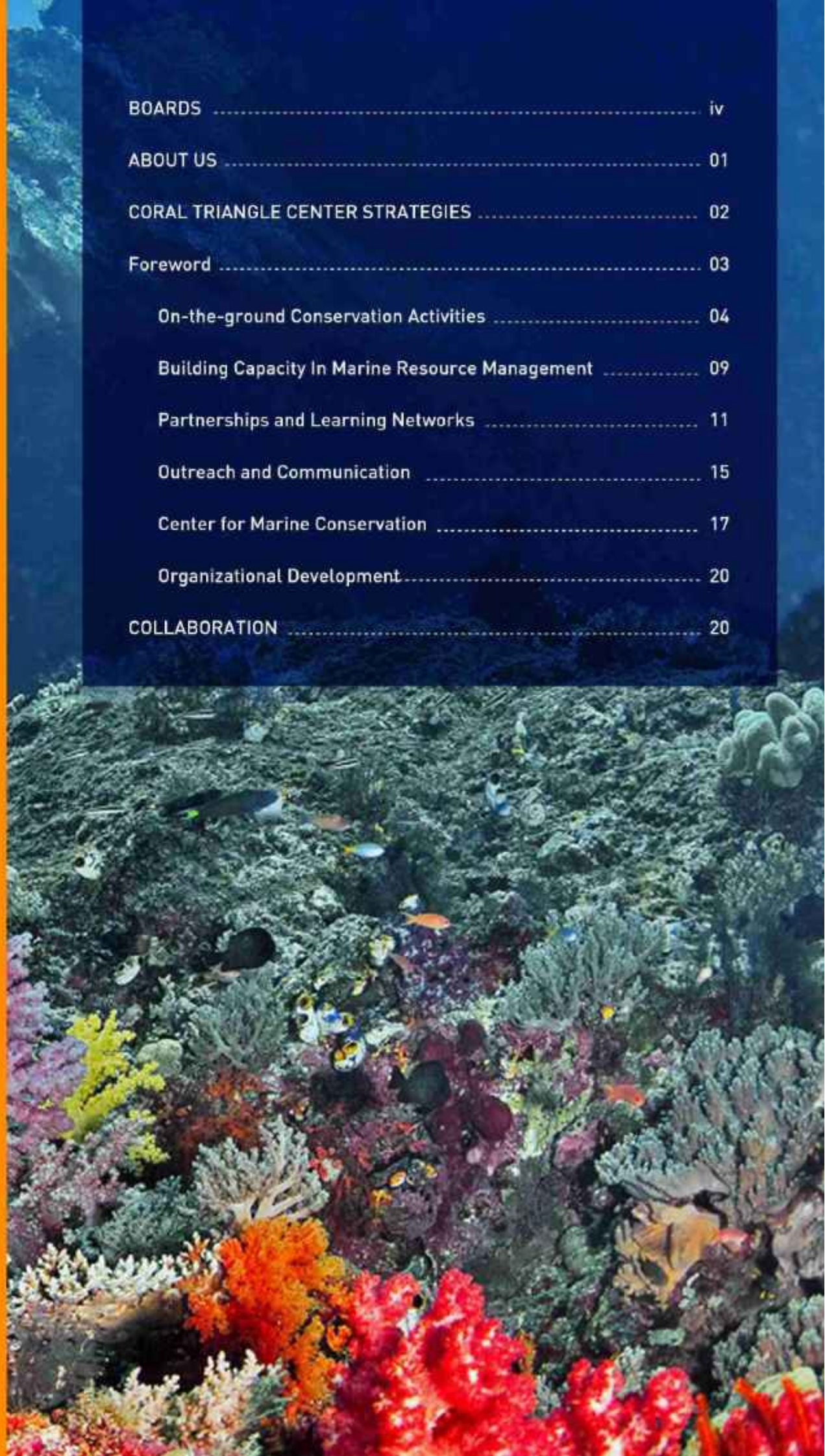
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ABOUT US

CORAL TRIANGLE CENTER

A center of excellence in tropical marine resource management:
Building local leadership for long-term conservation in the Coral Triangle



Inspiring People Saving Oceans

VISION

Healthy seas that enrich people and nature.

MISSION

To inspire and train generations to care for coastal and marine ecosystems.

VALUES

Excellence

In the quality of our teaching. In the performance and integrity of our staff.
In our commitment to being a world-class center of tropical resources management.

Local Stewardship

Based in the heart of the Coral Triangle, we maintain strong roots in the field and close ties to stakeholders at all levels. We value traditional knowledge and practices, and promote local ownership of our projects.

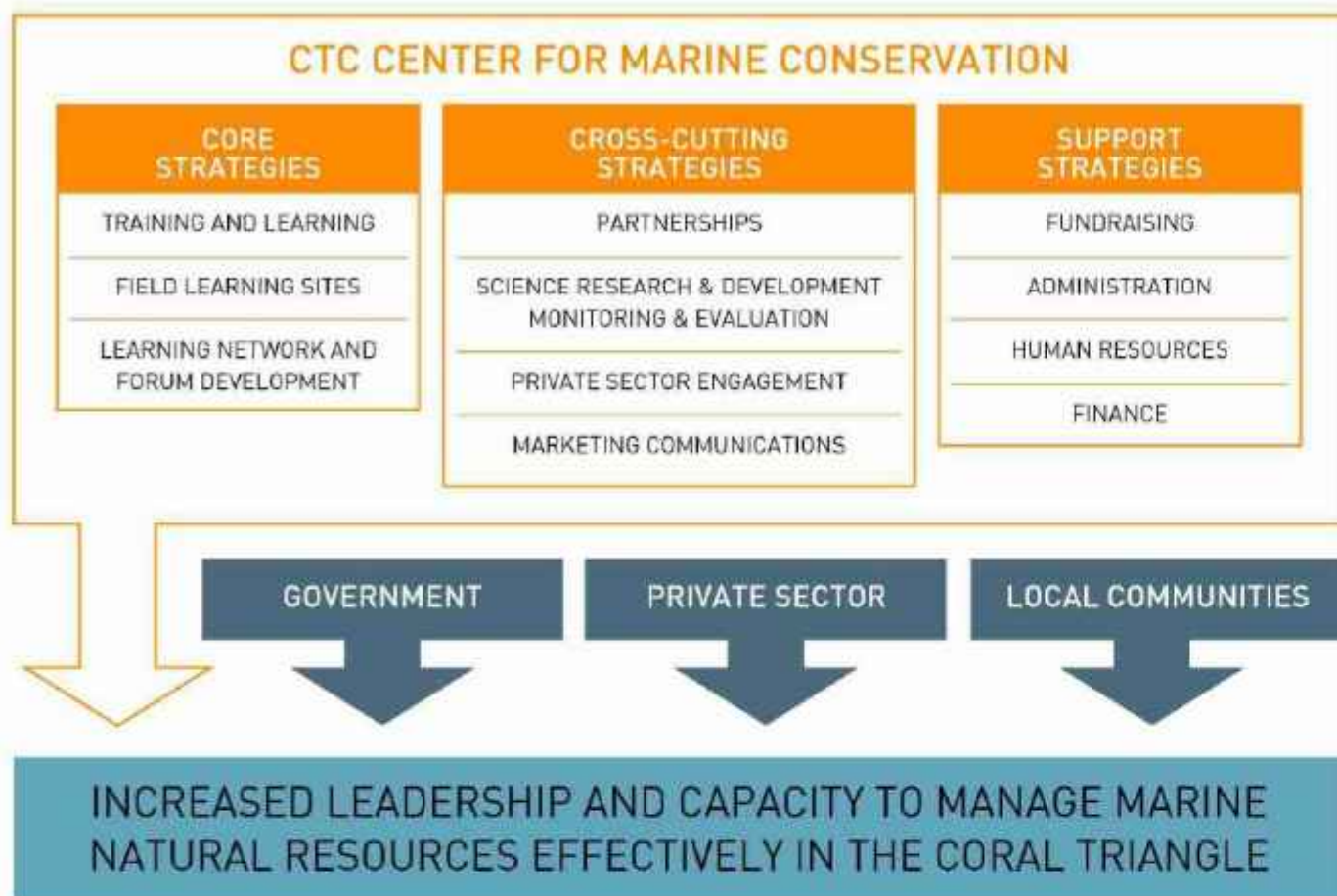
Collaboration

We build partnerships among leaders in government, communities, NGOs, education, and the private sector because only by engaging all constituencies can solutions be effective.

Result

We provide trusted information, are transparent in our actions, and hold ourselves accountable for the quality of our programs, changing our strategies as necessary and measuring our impact over time.

CORAL TRIANGLE CENTER STRATEGIES



CTC is an official development partner of the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security [CTI-CFF] – a government-led initiative of the six countries of the Coral Triangle region namely Indonesia, Malaysia, Papua New Guinea, Philippines, Solomon Islands and Timor-Leste. CTC supports the CTI-CFF in cross-cutting activities such as capacity building, women empowerment, local government leadership, sustainable tourism and private sector engagement. CTC is also a member of the International World Conservation Union (IUCN) and the International Coral Reef Initiative (ICRI)

FOREWORD

Global Ocean Agenda

This year was the hottest year on record and its impacts were felt across the globe. The ocean is central to reducing global greenhouse gas emissions and stabilizing the Earth's climate. It generates 50 percent of the oxygen we need, absorbs 25 percent of all carbon dioxide emissions and captures 90 percent of the excess heat generated by these emissions (United Nations, 2023). The ocean is not just 'the lungs of the planet' but also its largest 'carbon sink' – a vital buffer against the impacts of climate change.

However, increasing greenhouse gas emissions have affected the health of the ocean – warming and acidifying seawater – causing detrimental changes to life under water and on land, and reducing the ocean's ability to absorb carbon dioxide and safeguard life on the planet. Marine protected areas, areas of the ocean set aside for long-term conservation aims, offer one of the best options to maintain the ocean's health. Today marine protected areas cover 6.35 percent of the ocean – almost ten times as much as in 2000. Further expanding these areas is critical for protecting coral reefs and mangroves and maintaining the ocean's climate change resilience.

CTC and WWF initiated the capacity building roadmap for CTI-CFF to support the Coral Triangle countries contributing to the global goal of setting aside 30% of the oceans by 2030 which has been recently endorsed by the six coral triangle countries. This initiative is at the heart of our mission of scaling up our capacity building, MPA learning sites, and learning networks across the Coral Triangle region with governments and partners.

Similarly in Indonesia and Timor-Leste at the national levels, CTC works side by side with technical ministries, NGOs, universities, and communities to establish and implement effective and equitable marine protected areas and to train MPA personnel and communities. Empowering local communities to become more resilient in the face of climate change and strengthening sustainable livelihoods building on traditional management practices has become an integral part of our work.

Exciting new partnerships were developed this year with a consortium of donors called Ocean 5 who provided multiple year grants to CTC for MPA establishment and management in Indonesia and Timor Leste. In addition, Ocean X, an ocean exploration initiative founded by Dalio Philanthropies, provided CTC seed funding towards a Science on the Sphere installation at our Center for Marine Conservation. This installation offers a display system to project visualizations of planetary data on a sphere. OceanX and CTC will work together to increase ocean literacy in Indonesia and the Coral Triangle region.

This year was a very productive year in which we exceeded most of our KPI targets. Looking ahead, we will start developing our fourth 5-year strategic plan for 2025-2029, beginning with a focus on the sustainability of CTC as an organization while scaling and increasing our impact with strategic partners. We will develop succession strategies for leadership and management as well as career tracks for junior staff. This will be a defining and exciting time for CTC's sustainability while catalyzing and accelerating effective MPAs and resilient coastal communities across the region by inspiring and training people.




Rili Djohani
 Executive Director

ON-THE-GROUND CONSERVATION ACTIVITIES

Surveying Reef Health in the Banda Islands



From October 23 - November 3, CTC conducted reef health monitoring (RHM) and dive tourism carrying capacity surveys in the Ay-Rhun Islands MPA and Banda Islands. The dive team, including individuals from the CTC field team, TWP Laut Banda, and several students from the University of Banda Neira, conducted reef health monitoring at 15 sites and collected carrying capacity data at 11 monitoring sites that are also dive tourism destinations.

RHM was conducted using multiple methods, including the Point Intercept Transect (PIT) method, the Underwater Photo Transect (UPT) method, the Underwater Visual Census (UVC) for fish biomass and abundance, and a carrying capacity survey which measured the number of visits an area can support in a given time.

The PIT method focuses on monitoring benthic reef conditions by examining conditions along transects to record the percentage of, among others, live hard coral, soft coral, algae, coralline algae, and other benthic categories. The UPT method also records benthic cover and creates a verifiable record via photographs taken at the same depth and transects as the PIT method. Data from the PIT and UPT methods can be compared to assess monitoring methods in terms of accuracy and consistency. The UVC method, meanwhile, records data concerning fish biomass and abundance for target fisheries and key species. Data on the carrying capacity of each dive site is needed to make diving regulations that ensure the sustainability of marine resources in the Banda Islands.



The results of the RHM indicate high numbers of juvenile fish as well as some species showing signs of spawning behaviors. However, there was a decline in fisheries target species present, especially larger or more mature fish belonging to fisheries target species. In addition, the RHM showed the coral reefs are generally healthy and in good condition, containing no mass coral bleaching and few instances of coral disease. The average Live Hard Cover Coral (LHCC) showed a 4.9 percent reduction from the 2021 monitoring data (LHCC 2023: 49.9 percent, LHCC 2021: 54.8 percent). Eleven of fifteen RHM sites were assessed for dive tourism carrying capacity. Diving tourism activities were observed at Rhun, Ay, and Hatta Islands with dive boats originating either from liveaboard operators or dive operators based on Banda Neira.



CTC has supported the collection of coral health data since 2012. These data are used as one indicator to evaluate marine protected area (MPA) management effectiveness in the Banda Islands. Further, data from reef health monitoring is instrumental in supporting policy development and sustainable marine resource management.

A Closer Look at Gender, Equity, and Social Inclusion (GESI) in Banda Islands' Coastal Resource Management



CTC and Photovoices International (PVI), alongside consultant Ria Fitriana, launched a study on gender equity and social inclusion (GESI) and culture in the Banda Islands, Maluku, Indonesia. The survey, conducted from October 23 to November 1, 2023, focused on three key villages; Lonthoir, Ay, and Rhun, which were chosen for their significant role in marine resource management and cultural ties to the region.



The research aimed to understand the role of individuals of different ages and genders in monitoring community resources. It also examined access and rights, participation, and training needs for resource management, aiming to improve equitable management and understand cultural nuances of gender, equity, and social inclusion (GESI) in the communities surveyed. The results of the GESI and culture study will provide insights for future program interventions to support MPA management effectiveness in the Banda Islands.



The study evaluated training requirements for equitable coastal marine resource management and employment creation and covered topics like knowledge of resources management, resources access, legal rights, power dynamics, impact assessment, marine environment awareness, stakeholders, and women's role in resource management. The study used qualitative methods such as focus groups and interviews in three villages involving both female and male participants. Following these sessions, the team held a community discussion in Banda Neira for the leaders of each village as well as traditional, Adat, leaders. In this discussion, the team posed similar questions to the focus group discussion and had the opportunity to confirm data collected as well as to report back to the community leaders regarding the preliminary findings of the sessions.



The survey in Lonthoir, Rhun, and Ay Village uncovered significant insights. Women seek greater involvement in resource management, with men supporting their participation based on capacity. Women predominantly handle household finances but financial decision-making is shared between women and men. The top livelihood activities are Kenari nuts, Pala (nutmeg), and Cengkih-Ikan (clove). Parents prioritize their children's education, even in challenging economic circumstances, often securing loans for this purpose. Notably, the Adat (traditional) communities in these villages lack specific clan affiliations, with a majority being of Button-Java ethnicity.

In conclusion, GESI and culture study in the Banda Islands offers valuable insights to support future Marine Protected Area (MPA) management in the region. Equally important, the insights gathered through this study are expected to provide strategies for more inclusive and equitable coastal marine resource management.



Increasing Local Community Awareness and Participation in Ay-Rhun Island Marine Protected Area

In October, CTC conducted five outreach and awareness activities in the Ay-Rhun Island MPA. These activities are part of the support efforts to improve the management effectiveness of the MPA, including regular surveillance and monitoring of resource utilization (RUM) and socialization of the MPA zoning system and management plan, as well as Endangered, Threatened and Protected Species (ETP Species).

CTC collaborated with six students from Universitas Banda Neira to deliver key messages to the students in Ay-Rhun Island MPA. As the primary organizer and facilitator of the activities, CTC provided materials such as posters and notebooks about the ETP species. The outreach event took place in five schools: SMPN 82, SDN 72 and MIN 6 from Rhun Island and SMP 182 and SDN 10 from Ay Island. The targets of the outreach were elementary school students in grades 4 and 5 and junior high school students in grade 7. A total of 266 students (94 male and 172 female) joined the outreach events.

The activity began with the delivery of basic information on marine conservation. It then continued into key subjects such as seagrass, coral reefs, and sea turtles, covering aspects like their definitions, functions, life cycles, ecology, variety of species, current threats, and protection strategies.

Leading this educational effort were Purwanto, CTC Maluku Portfolio Manager, and Laode Junaedin, Banda MPA Officer. Organizing outreach events such as these strengthens relationships between CTC, local governments, schools, and communities. Outreach events are beneficial future investment for CTC in ensuring community mobilization and public participation in various marine conservation campaigns or activities in the Ay-Rhun Island MPA.



Unlocking the Mystery of Dugongs: The Role of Citizen Science in Dugong Population Monitoring in the Lease Islands



There was a recent sighting of a dugong reported in Lease Islands, however the estimated population of dugongs in Lease Islands remains unknown. Dugongs serve as "ecosystem engineers," playing a crucial role in maintaining the health and diversity of seagrass ecosystems upon which numerous species rely. The lack of population data of dugongs underscores the urgency of ongoing monitoring efforts to better comprehend and safeguard these unique marine mammals and the ecosystems they inhabit and impact. The dugong is listed as a vulnerable marine species by the IUCN Red List, facing multiple threats including habitat loss, entanglement in fishing gear, and boat strikes.

Continued monitoring of dugong populations is essential for evaluating their status and devising effective conservation strategies.

CTC has been conducting dugong population surveys and developing citizen science initiatives to encourage community participation in data collection about the dugong population in the Islands. Through CTC's training and guidance, the communities have taken an active role in documenting dugong sightings.

From October-November 2023, CTC recorded 12 sightings of dugong, including sightings reported by both CTC team surveys and citizen scientists. These sightings indicate that Lease Islands contain ideal dugong habitat areas.

CTC's citizen science program has played a vital role in dugong monitoring by engaging local communities in the process, encouraging communities to actively contribute to the conservation effort and report dugong population data. Dugong sighting reports from the local community strengthen CTC's dugong population data that will be used in developing strategic plans for Dugong Management in the Lease Islands MPA.



Beneath the Waves: Restoring Life in the Nusa Penida's Underwater

On October 26-27, 2023, CTC's Coral Reef Restoration Task Force team, an expert from People and Nature Consulting International (PNCI), and the Quicksilver Cruise crew conducted Reef Star trial installation at Toya Pakeh and Gamat Bay, Nusa Penida.

The two-day activity served as a pilot installation to evaluate the survival and growth of coral fragments attached to the structures for coral reef restoration. This evaluation will provide insights into selected method effectiveness in promoting coral restoration. The project also conducted a final site assessment to select CTC's Demonstration Site, which will serve as a model for future conservation efforts and showcase coral reef restoration.

The Reef Star was selected as a trial method on coral reef restoration at CTC's demonstration site in Nusa Penida Marine Protected Area (MPA). For the trial, the team installed 20 Reef Star structures across Toya Pakeh and Gamat Bay sites, providing a solid foundation for coral growth. Coral fragments were collected from the same sites and depth, adhering to Mars Assisted Reef Restoration System (MARRS) standards for consistency and aligning with best practices in coral reef restoration.

The project began on October 26, 2023, with 300 coral fragments collected at Toya Pakeh and affixed to 20 Reef Star structures. Coral tying was done on the Quicksilver mega pontoon, and the Reef Stars were then submerged and transported to their designated installation sites.



Ten Reef Stars were installed at Toya Pakeh and Gamat Bay, specifically selected based on prior survey results. The Reef Stars for Gamat Bay were transported via a speedboat, sprayed with seawater, and shuttled to their underwater locations.

On the following day, October 27, 2023, comprehensive quality control procedures were conducted at both installation locations, including inspecting cable ties on coral fragments and Reef Star legs, and examining stakes for secure placement. This process is crucial for the long-term success of the Reef Star Trial Installation at Toya Pakeh and Gamat Bay, Nusa Penida, and contributes to marine ecosystem conservation. Scaling-up will follow based on evaluation of the results of the demonstration site.

Charting Progress: Evaluating Marine Protected Area Management Effectiveness (EVIKA) in Bali and Maluku Provinces



The Indonesian Ministry of Marine Affairs and Fisheries conducted a 2023 evaluation of 101 Marine Protected Areas (MPAs), including Maluku and Bali Provinces, using the 2020 EVIKA framework to evaluate management effectiveness.

Recent MPAs evaluations in Maluku and Bali Province using EVIKA revealed positive changes despite ongoing challenges. Collaborative efforts involving CTC, local communities, governments, NGOs, and stakeholders have significantly progressed MPA management. In Maluku, CTC and WWF Indonesia collaborated and supported the Marine and Fisheries Agency of Maluku Province on a comprehensive EVIKA assessment from August 9 to 11, 2023, involving 42 participants from various stakeholders.

The study evaluated 13 MPAs, indicating varying management effectiveness, with four exceeding 50% and nine below 50%. Some MPAs showed improvement, while others experienced declines.

Based on the EVIKA evaluation of MPAs in Maluku Province, recommendations have been put forward that include establishing a dedicated MPA Management Unit, completing SOPs, providing staff training, improving infrastructure, updating data, empowering community groups, and aligning management plans with MMAF regulations to improve the sustainability and efficacy of MPA management in Maluku Province. In addition, eight out of thirteen MPAs underwent two EVIKA assessments in 2023, showing varying results, with some showing improvement and others experiencing significant declines. During the evaluation, it was found that Lease MPA, Ay-Rhun MPA, and six other MPAs showed an increase in EVIKA scores compared to the previous year.

The Bali Province Marine and Fisheries Agency's evaluation of Nusa Penida MPA yielded an "optimum managed" score of 75.28%, indicating potential for strategic improvements in conservation and sustainability efforts. The assessment suggested several improvements for Nusa Penida MPA, including aligning management plans, enhancing human resources skills, developing manager competency, finalizing facilities, intensifying outreach, and expanding partnerships.

Overall, recent evaluations of Maluku and Bali MPAs show positive progress in management, facilitated by collaborative efforts and the EVIKA framework.

Reef Health Monitoring in Nusa Penida Marine Protected Area (MPA)



The CTC Field Team alongside partners from Balai Pengelolaan Sumberdaya Pesisir Laut (BPSPL), Unit Pengelola Teknis Daerah (UPTD), and Kelompok Masyarakat Pengawas (Pokmaswas) conducted reef health monitoring (RHM) in the Nusa Penida MPA from November 13-18 and on November 30, 2023 at a total of thirteen sites. The Nusa Penida MPA, covering an area of 20,057.19 hectares, was established in 2018 to protect, conserve, and ensure sustainable use of these marine resources. Since 2010, RHM has been regularly conducted by the Marine and Fisheries Service of the Province of Bali, CTC, and the Nusa Penida MPA Management Unit with the support of various working partners.

The objective of 2023 RHM was to assess the current condition of the coral reef ecosystem through data collection regarding distribution of coral reefs, fish, and other marine biota, percentage of live coral cover, abundance of fish and fish biomass and to test the Underwater Photo Transect (UPT) method as option toward achieving future monitoring objectives. These data can then be analyzed and compared with previous RHM data to assess changes in these ecosystems during the adaptive management process of MPA establishment and subsequent management of the Nusa Penida MPA. Preliminary findings of the eleven person RHM team showed encouraging signs, including an average fish biomass approximately 48.09 kg/ha higher than 2022 monitoring data. Additionally, average live hard coral cover (LHCC) was 6.2 percent higher than 2022 monitoring data and initial resilience assessments recorded high recovery values in seven of thirteen sites.



Surveillance and Resource Utilization Monitoring (RUM) in Ay Island and Rhun Island MPA and Lease Islands MPA



Since 2018, the Coral Triangle Center (CTC) and Maluku Province Maritime Affairs and Fisheries Office have been monitoring marine and fisheries resource utilization in conservation areas. This activity is intended to ensure sustainability and regulatory compliance, increasing interaction between conservation area management units and resource users.

Along with the Banda Island Cluster VI Service Branch, CTC recently conducted surveillance and resource utilization monitoring (RUM) in the Banda Islands MPA Networks which cover the Ay-Rhun MPAs and Lease MPA. Surveillance and Resource Utilization Monitoring (RUM) is one activity for monitoring resource utilization in coastal and marine areas, aiming to ensure that all types of utilization are conducted sustainably. These monitoring activities ran from November to December 2023 and involved partners from PSDKP Banda, Navy Post Banda, Babinsa of Rhun Island Village and Banda Post Coastal Fishing Port.

In November, CTC teamed up with the Banda Sub-Regional Islands Cluster VI, Maluku Province Marine, Fisheries Office, and members of the Banda Surveillance Forum, successfully conducted Surveillance and RUM in the Ay-Rhun MPAs. Results from the surveillance and RUM in Ay-Rhun MPAs showed that the Ay-Rhun MPAs experienced a significant increase in mobile utilization in November, primarily involving 14 fishing fleets, 2 tourist fleets, and 1 commercial boat from Wakatobi. Additionally, fixed utilization increased significantly, reaching 9 fleets, with a dominance of Fish Aggregating Devices (FADs), indicating a significant development in marine activities. Compliance with regulations was found to be 94.44 percent during the specified period, but no violations were reported during independent surveillance conducted by Pokmaswas Ay-Rhun Island.

In December, five monitoring and RUM activities were conducted in the Lease Islands MPA. There, CTC collaborated with area managers, supervisory community groups, district/village governments, and cultural groups, including the Marine and Fisheries Department of Island Cluster VII in the Lease Islands, and *Kewang* representatives (the customary law institutions) or district staff. RUM activities covered coastal and marine areas on Saparua Island, parts of Haruku Island, Molana Island, and Nusalaut Island. The result revealed that there are 21 fixed utilizations such as Fish Aggregating Devices (FADs), ports, nets, and mooring boats. These findings highlight the complex nature of human activities within the MPA and the need for a comprehensive management approach that balances conservation objectives with sustainable resource use.

BUILDING CAPACITY IN MARINE RESOURCE MANAGEMENT

Sustaining Lampung's Fisheries through Organizational Management & Communication Training

CTC along with the Lampung Provincial Maritime Affairs and Fisheries Office (DKP) hosted a four-day training focusing on organizational management and communication. The event, held from November 24th to 27th, brought together key stakeholders with the aim of enhancing the capacity of the Sustainable Blue Swimming Crab (BSC) Fisheries Management Team (TPPRB) in Lampung Province.

The training was a progression from previous successful initiatives in the region. Prior programs included developing campaigns to support women in the Blue Swimming Crab fisheries, capacity building for the Blue Swimming Crab Committee in Lampung, and media workshops. These earlier efforts paved the way for the more comprehensive training on organizational management and communication. The training involved 18 members of the Secretariat and Working Group of Sustainable Blue Swimming Crab Fisheries Management Team (TPPRB). In addition, the attendees also encompassed members from the Provincial Department of Maritime Affairs and Fisheries (DKP) and three District DKPs, including East Lampung, Central Lampung, and Tulang Bawang. This diverse representation underscored the commitment to promoting collaboration at both the provincial and district levels.

Mr. Dicky Lopulatan served as the primary trainer for the program, offering valuable insights and hands-on guidance to the participants. The core focus of the program revolved around enhancing organizational management skills. Participants engaged in various activities aimed at refining their abilities in articulating the TPPRB's vision, devising and executing strategic plans, and conducting facilitative meetings.



The training also incorporated a range of activities geared toward honing communication skills including exercises in active listening, keen observation, skillful probing, paraphrasing, and constructing persuasive arguments. Honing these skills is pivotal for promoting transparent and open communication within the TPPRB and with external partners. This training represents a significant stride towards a more efficient, and well-coordinated Sustainable Blue Swimming Crab (BSC) Fisheries Management Team. The knowledge and skills acquired by the participants during this program are expected to play a vital role in the sustainability and success of TPPRB initiatives.



Marine Protected Area (MPA) Design Training in Banten: Building Human Resources for Conservation Goals

At the end of October, CTC conducted a Marine Protected Area (MPA) Design Training in Serang, Banten. The training took place from October 31 to November 3 and was a collaboration with Politeknik Ahli Usaha Perikanan (Politeknik AUP) Jakarta.

The four-day training program aimed to provide participants with comprehensive knowledge and skills in the concepts and methods of MPA management and design.



It included practical sessions on 1) collecting data using GPS, 2) managing and processing spatial data and creating maps, 3) designing MPAs using participatory and expert mapping methods, and 4) designing MPAs using Systematic Conservation Planning Tools (Marxan).

The 74 participants actively engaged with CTC GIS and Knowledge Management System (KMS) Lead, Nyoman Suardana, in interactive discussions and practical sessions. At the end of the training, they successfully designed an MPA for the fictional Seberang Island using Marxan methods and interpreted the results on a map.

In line with the global initiative for governments to protect 30 percent of our lands, rivers, lakes, oceans, and wetlands by 2030, CTC is committed to being involved in preparing skilled human resources for designing conservation areas. CTC hopes the trained participants will not only learn the stages in designing conservation areas but will also be able to understand the decision-making process to determine needs in designing conservation areas.

Sustainable Seas: Bogor's Workshop on Advancing Ecosystem Approach to Fisheries Management (EAFM)

The Second Workshop on Ecosystem Approach to Fisheries Management (EAFM) was held in Bogor from October 18 to 20, 2023. At this second workshop on self-paced online training, the team from the Coral Triangle Center (CTC) and other participants worked together to produce training materials reflecting the session plan and case studies developed in the first workshop in August.

The three-day workshop involved 17 participants. Participants represented the Directorate of Fish Resources Management (PSDI), the functional representative (Widyaiswara) from the Apparatus Training Center (BDA) Sukamandi, Fishery Business Expert (AUP) Jakarta, the National Research and Innovation Agency (BRIN), and the training and extension center (Puslatih).

The training program included several phases. The drafting team held strategic meetings at the outset to facilitate cooperative discussions that set out the goals and structure. Two separate workshops were then devoted to material preparation, offering an immersive setting for improving and honing training materials. Drafting materials, confirming alignment with learning objectives, and thorough reviews to ensure efficacy and clarity are all part of the iterative process.

The primary objective of this workshop was to translate the comprehensive session plans and case studies into effective training materials.



The participants demonstrated remarkable adaptability in condensing content without compromising the substance of the modules. The drafting teams were encouraged to ensure that the materials not only meet the training outcomes but also make the learning experience more relevant, accessible, and engaging for the course takers, ultimately helping them to understand and develop course materials. The inclusive and dynamic approach adopted during this workshop sets a precedent for future collaborations, emphasizing the importance of diverse expertise in creating relevant educational resources.

Training and Certification for Improved MPA Management



As one of the official Competency Assessment Centers and the Professional Certification Institutes for Maritime Affairs and Fisheries Services, CTC was involved in the technical guidance and competency assessment for the MPA managers from November 6-10, 2023, in Yogyakarta.

The Directorate of Conservation Area and Marine Biodiversity (Dit. KKHL) aims to enhance MPA management competence by providing Technical Guidance (*Bimtek*) and competency assessments. Over the past two years, there has been a growing demand to increase the skills of national and local MPA managers, improving the effectiveness of MPA management (Evika) in their regions. This year, KKHL targeted enhancing the competency of national and local MPA managers in collecting socio-economic data.

The 39 participants at the event represented marine conservation and fisheries management institutions from several provinces in Indonesia such as Bali, Central Kalimantan, Maluku, Riau, West Java, East and West Nusa Tenggara, and Yogyakarta. At the event, enumerators had the opportunity to enhance their knowledge and abilities, particularly with regard to socioeconomic evaluations of fisheries and marine conservation. Gaining a more profound comprehension allows enumerators to perform survey tasks more meticulously and contextually, guaranteeing that the data gathered more accurately represents local contexts.

There were seven competencies delivered in the technical guidance sessions. They included computer operation, occupational health and safety and the environment, communication skills, team and staff management, doing work with others effectively, collecting social, cultural and economic data on P3K areas, and collecting socio-economic data on watersheds. The participants were then assessed based on the above-mentioned competency areas. Senior enumerators were certified as competent once they fully understood the competencies and were able to complete the assigned tasks. The competency assessment is an important foundation to ensure that senior enumerators have standardized expertise in the field. Once the participant passes the competency test and is declared as competent by the assessors, they will be recommended for a certificate issued by the National Professional Certification Agency (BNSP) in that field. This certificate serves as the evidence of the participant's achievements and expertise.

PARTNERSHIPS AND LEARNING NETWORKS

CTC Joined the First International Conference on Banda Studies



CTC joined distinguished experts in the first international Conference on Banda Studies (ICBS) to highlight the importance of conserving and protecting the unique biological and cultural heritage of the Banda Islands. The conference, which was held on October 30-31, 2023 in Banda Neira, Maluku Province, was organized by the University of Banda Neira with support from the Directorate General of Culture under the Ministry of Education, Culture, Research, and Technology and the Banda Heritage and Culture Foundation.

The conference aimed to provide a forum and lay the foundation of new ideas and approaches for Banda Studies in the context of the Southeast Asia region. The ICBS brought together a wide-ranging panel of speakers from different academic disciplines who presented about the culture, history, archeology, ecology and conservation in the Banda Islands and was attended by around 150 participants.



As one of the key speakers, CTC Executive Director Rili Djohani highlighted the role of local stakeholders in the conservation and management of Banda Islands marine resources as well as the important role of traditional marine resource management, such as the sasi, in strengthening conservation on the ground.

Among the highlights of the ICBS was the presentation of the Hikayat, a manuscript about the history of the Banda Islands from the collection of the Maritime Museum Amsterdam by Joella van Dangersgoed (Principal Investigator University of Luxembourg) and Isabelle Boon (documentary photographer). The story was written in 1922 in Malay by M.S. (Saleh) Neirabatij. Neirabatij was an influential person in the village of Lonthoir on the island of Lontar.



Historical sources written by local residents during the Dutch colonial in Indonesia are very rare. The Hikayat offers a Bandanese perspective on the (maritime) history of the Banda Islands. As far as is known, this is the oldest written source of the oral history of the Banda Islands.

After the conference, the first stone was laid for the new University of Banda Neira campus and dormitory by the Secretary General of the Ministry of Education and Culture Mrs. Suharti and University of Banda Neira Rector Dr. Muhamad Farid. CTC looks forward to continuing our collaboration with the University of Banda Neira and developing future learning and exchange programs for its students.

CTC Joins the 11th National Coastal Conference to Foster Communication in Coastal and Marine Management

The Ministry of Maritime Affairs and Fisheries held the 11th National Conference on Management of Coastal, Marine, and Small Islands (KONAS Pesisir XIII) on November 27-29, 2023, in Pontianak, West Kalimantan, to promote communication and sustainable coastal and marine management. The event featured various activities such as exhibitions, the Indonesian Coastal School Corner, a coastal scientific forum, and 18 other side events covering diverse topics related to the conference theme. With the theme "Synergy of Scalable and Sustainable Coastal, Small Island, and Marine Management for Blue Economy," the conference aimed to explore issues and data for sustainable use of resources, integrate development plans, and formulate alternative solutions for integrated coastal management. The conference resulted in the preparation of a legal basis for coastal area and small island management.

During the conference, CTC's local partners Yayasan Cahaya Samudera Indonesia (YCSI) from Banda Islands and Community Surveillance Group (Pokmaswas) Hena Berkarya from Buano Island, received prestigious coastal awards. This recognition highlighted the impactful collaboration and its contribution to conservation initiatives.

CTC also participated in various workshops and discussions as well as the formulation of the Pontianak Declaration—a set of 13 recommendations generated during the conference. These recommendations will be taken into consideration when developing work plans and implementing program activities on the ground.



Dr. Hesti Widodo, CTC's Senior Program Manager, moderated a side event highlighting the challenges in implementing the OECM strategy, one of which is participants' unfamiliarity with the strategy concepts, demonstrated by 48 percent of participants reporting their lack of exposure to concepts such as operational definition, criteria, legal basis, institutionalization, financing, and mentoring. The event identified six key themes for OECM: operational definition, criteria, legal basis, institutionalization, financing, and mentoring. Several challenges include reliance on government systems, untapped community-led conservation efforts, and the potential of non-government and business actors. Recommendations for the government included improving data, delegating authority, and clarifying boundary criteria.

CTC Joins Ocean Experts Gathering in Bali



CTC joined international marine conservation experts at the TONIC Asia Pacific gathering held in Ubud, Bali on October 28, 2023. TONIC is a global community of asset owners seeking impact investment opportunities that support the United Nations Sustainable Development Goals (SDG). TONIC's members consist of high net wealth individuals, family offices, and foundation asset owners from 25 countries.

During the event, CTC Executive Director Rili Djohani together with Abigail Alling from Biosphere Foundation and Razak Radityo from the Global Fund for Coral Reefs joined a panel chaired by Laura Francis from TONIC that discussed 'Investing in Ocean Health'. They discussed the various ways in which impact investors can support United Nations SDG Goal 14: Life Below Water, considered the least funded SDG among its 17 counterparts.

The panelists noted that investors can support marine conservation initiatives and programs across sectors and at different scales, from global to regional or local initiatives.

Earlier this October, Ms. Djohani was also one of the speakers at the 2023 Archipelagic and Island States (AIS) Forum's Startup Blue Business Summit, an event dedicated to exploring sustainable business practices and finding innovative solutions to address pressing challenges facing our planet, particularly in the realm of ocean conservation. The AIS Forum is a platform designed to include island states and archipelagic countries regardless of their region, size, and development level. AIS Forum is a global initiative that brings together 51 archipelagic and island nations to take part in a collective forum addressing challenges of ocean resource usage for sustainable economic growth, climate change resiliency, ocean pollution, emergency management, and the enhancement of sustainable fisheries.

The event took place on October 10, 2023, in Nusa Dua, Bali and was attended by over 200 participants including representatives of start-ups, researchers, investors, non-governmental and community groups, and government representatives. Ms. Djohani spoke in the session "Revitalizing Global Ocean Governance," and shared her insights, experiences, and strategies to encourage sustainable economic growth in the Coral Triangle region by supporting blue economy initiatives.

CTC Joins the IUCN Green List of Protected and Conserved Areas Annual Forum



CTC Executive Director Rili Djohani recently joined global experts in Cape Town, South Africa, to discuss progress and priorities of the IUCN Green List Development Plan for 2024. The intensive workshop and meetings took place from December 10-14, 2023 and aimed to bring together stakeholders from around the globe to provide a comprehensive review of the achievements, challenges, and future priorities of the IUCN Green List Development Plan for 2024 and to scale it up both globally and regionally.

CTC and UNTL Sign MoU to Promote Sustainable Management of Marine and Coastal Resources in Timor-Leste's Waters

CTC signed a new partnership agreement with the Universidade Nacional Timor Lorosa'e (UNTL) on December 1, 2023 to advance marine conservation and capacity building in the country. The Memorandum of Understanding (MoU) between CTC and UNTL was signed at CTC's Center for Marine Conservation in Sanur, Bali. The UNTL team was represented by Prof. Dr. Joao Soares Martins (Rector of UNTL), Dr. Tome Xavier Jeronimo (Vice Rector), and Dr. Paulo (Dean of the Faculty of Fisheries).

Currently, CTC collaborates with Timor-Leste's Ministry of Agriculture and Fisheries to enhance local marine resource management and support the country's establishment of its marine protected areas (MPAs), such as the country's two MPAs: Atauro Island MPA (13,252,22 hectares) and Samba Sembilan MPA (8,372,20 hectares).



The IUCN Green List is a global campaign for successful nature conservation. At its heart is the Green List Sustainability Standard that provides a global benchmark for how to meet the environmental challenges of the 21st century. The IUCN Green List offers locally relevant expert guidance to help achieve fair and effective nature conservation results in protected and conserved areas. It can help guarantee that wildlife and ecosystems can survive, thrive and bring value to communities everywhere.

During the annual meeting, the experts also worked on designing a framework for action towards the Convention on Biological Diversity (CBD) COP 16 and beyond, aligning the Green List with the objectives of the CBD COP 16 and contributing to international conservation efforts. CTC has been involved with development of the IUCN Green List for several years and has undertaken efforts to help scale up this initiative in Indonesia and the Coral Triangle region. Earlier this year, CTC also helped to organize a regional IUCN Green List Workshop for marine conservation practitioners in the Coral Triangle and the Asia Pacific Region.

CTC is also supporting MPA establishment in the south of Timor-Leste in the Manufahi Municipality as well as another candidate MPA in Metinaro on the north coast of Timor-Leste. Further, CTC supports a number of training sessions promoting marine biodiversity, ecosystem-based management, economic benefits, and community facilitation. Some of the key activities that CTC has carried out in Timor-Leste include biophysical and economic surveys as well as identification of capacity-building activities at the community and government levels.



During the MoU signing, UNTL and CTC expressed their intent to cooperate in research, surveying and monitoring, capacity building, marine and fisheries management, information exchange and dissemination, joint fund-raising, and other related issues to ensure sustainable management of marine and coastal resources in Timor-Leste. UNTL Rector Prof. Dr. Joao Soares Martins expressed excitement about signing an MoU with CTC, hoping to extend it beyond paper and explore more conservation areas. He expressed his hope to conduct training for students and faculty members and mobilize academic members to participate in CTC's conservation efforts. The MoU between UNTL and CTC represents both parties' commitment to a brighter and more sustainable future for Timor-Leste's oceans, ensuring a well-informed and actively engaged community in marine conservation.

CTC Hosted the First National Meeting of Jaringan Laut Nusantara (JALANUSA)

CTC hosted the Jaringan Laut Nusantara (JALANUSA) First National Meeting in a one-day event at our Center for Marine Conservation. There were at least 30 participating NGOs from Jakarta, Bogor, Bali, West Nusa Tenggara, Sulawesi, Maluku, and Papua, including: CTC, Konservasi Indonesia, Yayasan Pesisir Lestari, RARE, Yayasan Masyarakat dan Perikanan Indonesia (MDPI), Yayasan LINI, Flora and Fauna International (FFI), Wildlife Conservation Society (WCS), Tropical Landscapes Finance Facility (TLFF), EcoNusa, World Resources Institute (WRI), Yayasan Konservasi Laut (YKL), Conservation Laboratory, Digital Mangrove, and others. At this event, CTC was represented by Marine Conservation Advisor Marthen Welly and Policy Coordinator Consultant, Haryani Turnip. The national meeting led to TLFF's Atrasina Adlina's election to the National Coordinator position for a one-year term and an agreed-upon work plan for the network.



Celebrating the first Green Fins trainers to complete the "Train the Trainer" programme in Indonesia



The Reef-World Foundation - the international coordinator of UN Environment Programme's Green Fins initiative - successfully trained and certified CTC team members (CTC Marine Conservation Adviser Marthen Welly and Bali Portfolio Manager Wira Sanjaya) as new Green Fins assessor trainers for Indonesia in December 2023. They are now qualified to train and certify individuals in-country, building capacity for the initiative's continued expansion in Indonesia. Apart from the two new assessor trainers, four assessors were also certified, including two CTC staff (Nusa Penida Project Leader Evi Ihsan and Coral Restoration Task Force Coordinator Eureka Amadea).

The Green Fins "Train the Trainer" (TTT) programme in Indonesia is part of the "Unlocking sustainable marine tourism businesses using Green Fins as a resource for MPA conservation" project, made possible thanks to support from the IUCN under the Blue Natural Capital Financing Facility (BNCF).

Reef-World developed the TTT programme to allow established Green Fins National Teams to take the next step in Green Fins management and country independence. Following the 8-day training, Indonesia now has a team of two certified Green Fins assessor trainers and six Green Fins assessors across different organizations from the country: Coral Triangle Center, BPSPL Denpasar and Bali Blue Harmony.

This project will enable resource managers to build the evidence base of Green Fins' environmental, social and economic returns for reef health as well as local communities, ensure financial sustainability to strengthen the capacity of Green Fins Indonesia and improve the uptake of environmental best practices among the marine tourism industry. The project will bring together expertise from The Reef-World Foundation, UNEP-COBSEA and Coral Triangle Center.

Green Fins Indonesia was launched in January 2018. The programme was piloted in Bali with the CTC leading all Green Fins activities in the country. The plan is to build stronger, more collaborative relationships with the marine tourism industry and to strengthen sustainability within the marine tourism sector across Indonesia by guiding operators towards a more sustainable operating model. Training and encouraging the adoption of the Green Fins management approach may significantly reduce the impact on the marine environment.

Building on the successful pilot, Green Fins was expanded to Ambon and Komodo in 2019. Despite the setback from the COVID-19 pandemic, the team has continued to assess Members where possible, and there are now Green Fins certified dive and snorkel operators in other key destinations in Indonesia such as Ambon and Komodo.

Green Fins provides the only internationally recognised environmental standards for the diving and snorkeling industry and has a robust assessment system to measure compliance. The initiative aims to protect and conserve coral reefs through environmentally-friendly guidelines that promote a sustainable diving and snorkeling tourism industry.



OUTREACH AND COMMUNICATION

Wayang Samudra Raises Awareness on Plastic Pollution in the Nusa Penida MPA



CTC's Wayang Samudra (Ocean Puppets) had a busy October in terms of bringing attention to marine ecosystems. The first show took place on October 6 at the Nusa Penida Festival 2023, an annual event held on this island. The second show was held on October 15 in Nusa Lembongan Island for an outreach event. CTC's Wayang Samudra offer the public an entertaining education about the importance of marine conservation and threats to the ocean, particularly in Nusa Penida MPA.



The Wayang Samudra narrative, "Samudra Gempar (Ocean Commotion)," warns readers of the perils of plastic pollution in our seas, particularly as it relates to marine life. The narrative centers on a cast of aquatic animals, including whales, pufferfish, tuna, octopuses, manta rays, and sea turtles, who are puzzled when they come into contact with an unidentified object that keeps upsetting them-it's plastic.



The second show was held as part of a larger fun learning activity event for children on Nusa Lembongan which concluded with the Wayang Samudra performance. During this event, CTC also hosted two representatives from Samudera Peduli, who assisted enjoyable learning exercises, and the Proudfoot crew, who filmed the fun learning activities.

"The ocean puppets were so great. It's the best medium to share knowledge about marine conservation and its threat, especially for children or the public." said Adam from Samudera Peduli. By using the artistic medium, we aim to inspire people to love the oceans, particularly shadow puppetry. CTC is committed to raising public awareness of marine conservation through our outreach programs and fun learning activities.

In the Spotlight: Filming Success Stories in the Nusa Penida MPA

In October, CTC collaborated with and hosted two film crews in an effort to showcase success stories in marine conservation management at its Nusa Penida MPA field learning site to an international audience.

From October 1-10, 2023, we hosted a team from the Seattle Aquarium, New York-based Thinc Design, and Indonesian-based Indopacific Films for a collaborative filmmaking project that will highlight the critical role of multiple stakeholders in the establishment and management of the Nusa Penida MPA. The final films will be displayed at the Seattle Aquarium's new Ocean Pavilion which will be launched next year.



From October 15-19, 2023, we hosted a team from UK-based Proudfoot TV and Mission Blue to showcase the critical conservation efforts that CTC is implementing in the Nusa Penida MPA as one of Mission Blue's Hope Spots. Hope Spots are ecologically distinct parts of the ocean that have been identified for protection as part of a global conservation campaign led by Sylvia Earle.



The filmmakers, coming from the UK, Australia, Thailand, and Indonesia, were able to observe and capture the CTC team while they were conducting biophysical and resource use monitoring as well as outreach activities with the local communities. The final films will be completed next year as part of Mission Blue's campaign to highlight Hope Spots in different parts of the world.



CTC Kicks Off TikTok Channel



We are excited to announce the release of engaging and informative content on TikTok! We've joined the TikTok community to share insightful snippets about marine conservation, our initiatives, and the vibrant world of marine life. Follow us on TikTok (@coraltrianglecenter) to stay connected with our latest updates, educational content, and behind-the-scenes glimpses of our work. The first season featured scenes from our Center for Marine Conservation.

CENTER FOR MARINE CONSERVATION

Archipelagic and Island States (AIS) Youth Conference Delegates Visit CTC Center for Marine Conservation

On October 8, CTC's Center for Marine Conservation had the pleasure of hosting the Archipelagic and Island States (AIS) Youth Conference. This activity was a collaborative program between Coral Triangle Center and United Nations Development Programme, CTC supported their side program of the first AIS Forum at Bali from October 5-12, 2023. Participants took part in a facilitated tour, lunch, and discussion. Many raised questions regarding the Exhibition Halls, marine life, and about Coral Triangle Center. The Center Team was assisted by Eureka Amadea from the Coral Restoration Team Task Force in answering the questions participants had relating to coral restoration.



Coral Triangle Youth Ambassadors Learn Tools to Increase Ocean Literacy and Awareness



The CTC team welcomed a group of young leaders from Indonesia, Malaysia, Philippines, Solomon Islands, Papua New Guinea, and Vietnam on October 29, 2023 in a sharing session with the goal of highlighting resources that they might utilize to raise public awareness of the Coral Triangle. The young leaders are part of the Coral Triangle Initiative on Coral Reefs, Fisheries, and Food Security's (CTI-CFF) Youth Ambassadors program and were in Bali for the Global Youth Conference held on October 27-29, 2023. During the visit, there were also representatives from the CTI-CFF Regional Secretariat and the USAID Sustainable Fisheries Asia Program present.

Prior to their visit to the Center, these young leaders learned about CTC's conservation initiatives from CTC's Executive Director, Rili Djohani, who discussed the young leaders' potential to safeguard the Coral Triangle at a Global Youth Conference session. During their visit, the delegates listened to short presentations and spent their time exploring our Center for Marine Conservation's interactive exhibitions to learn how to convey the Coral Triangle's most pressing issues by blending culture, art, science and technology. Through active participation from the Coral Triangle Youth Ambassadors, it is expected that young people will be able to amplify their voices and increase their roles in sustainable fisheries management, including improving marine conservation and in combating illegal, unreported and unregulated fishing.



Indonesia's Ministry of Social Affairs Secretary General Visits CTC

On December 16, 2023, CTC had the honor of hosting the Secretary General of Indonesia's Ministry of Social Affairs, Dr. Robben Rico, and his technical team for a visit and discussion at our Center for Marine Conservation. The visit was organized by CTC Board Member Dr. Suseno Sukoyono, who also joined the activity.

During his visit, Dr. Rico visited our exhibition hall and learned about our programs to support the sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the health of ocean ecosystems. Some of the examples include CTC's support for women engaged in Blue Swimming Crab Fisheries in Lampung and Rembang, support for community groups engaged in waste management in Lease Islands and the Banda Islands, and support for women who process seaweed into crackers and soap in Nusa Penida.

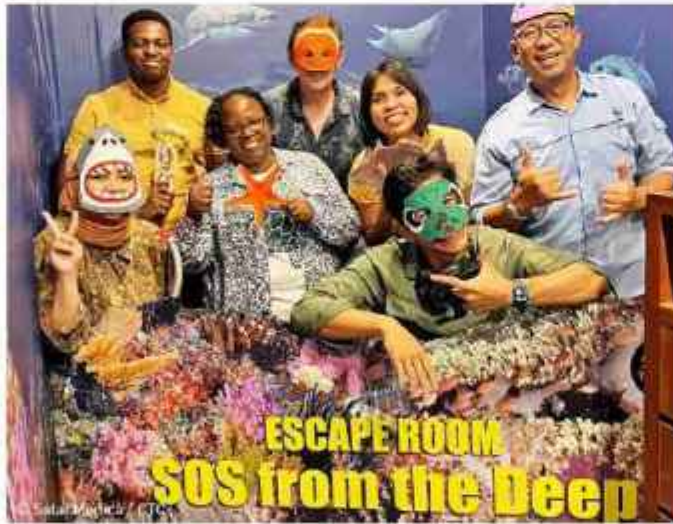
Dr. Rico shared that CTC's mission and programs are aligned with that of the Ministry of Social Affairs, as it is the agency in charge of social rehabilitation, social security, social empowerment, social protection, and providing support to low-income communities. Dr. Rico expressed his interest in collaborating with CTC to support coastal community groups engaged in small businesses and alternative livelihood activities going forward.



WWF Tanzania Visits Center for Marine Conservation

On November 27, 2023, CTC had the pleasure of welcoming WWF Tanzania into the Center for Marine Conservation. The visit was a part of learning exchange relating to the Project of Coastal Community-based Conservation in Indonesia, a collaboration between WWF Indonesia, Western Indian Ocean, WWF Tanzania, and Margaret A. Cargill Philanthropies.

The 13 participants toured the Center for Marine Conservation and its Exhibition hall, took on the first marine-themed Escape Room in Indonesia, SOS From the Deep, and afterwards were offered a brief introduction to CTC's work supporting MPAs at provincial and national levels, as well supporting local communities. The CTC team were also familiarized with WWF Tanzania's work supporting communities and surrounding areas. The session concluded with reflection and discussion between both parties.



Strengthening Partnerships at Kedai Kopi Hilly

On December 19, 2023, CTC hosted an event at our Kedai Kopi Hilly (KKH) at the Center for Marine Conservation to celebrate our partners in Bali, including representatives from the school partners of the Ocean Keeper Club, and Joe Curtin, the Consular Agent of the US Embassy.



Kedai Kopi Hilly is an integral part of the Center for Marine Conservation. It is a place where families, friends, and all the Center visitors can gather to enjoy delicious beverages and snacks. Opened in 2019, Kedai Kopi Hilly is now integrated with our permaculture Swirl Garden facility. We harvest some of the ingredients for our snacks and drinks from our small garden at the Center. CTC staff learn and use the practice of permaculture to manage the garden as part of the zero-waste initiative at this learning facility.

After the warm welcome from the CTC Executive Director, the event concluded with the presentation of tokens to the school partners. This included a marine conservation-themed book for children, created in collaboration with Let's Read Asia - Asia Foundation. Additionally, there are also tomato and celery seeds for adoption by the audience. Through events like this, CTC hopes to strengthen partnerships and foster new collaborations regarding efforts to raise awareness about marine conservation among children.



CTC Takes the Stage in Raising Awareness on Marine Conservation at the Samudera Eco Festival

Coral Triangle Center (CTC) recently participated in the Samudera Eco Festival, an exciting event hosted by Ripcurl in collaboration with Yayasan Samudera Peduli. This festival took place on Kuta Beach on December 16, 2023, with a primary objective of raising social and environmental awareness, particularly targeting the younger generation.

The festival was a collaborative effort that brought together various community organizations, offering them a platform to showcase their programs and highlight their positive impacts on communities. CTC took this opportunity to share its programs and efforts aimed at raising awareness about the importance of coral reefs and mangroves in preserving marine biodiversity. Through engaging displays, informative materials, and interactive sessions, CTC aimed to reach a wider audience and educate them about the critical role of these ecosystems in maintaining the health of the ocean.

The event drew an impressive crowd, with nearly 500 visitors in attendance. Among them, over 40 guests specifically visited the CTC booth, indicating a keen interest in the organization's initiatives. This event not only allowed CTC to showcase its commitment to marine conservation but also provided a valuable opportunity to connect with individuals who share a passion for safeguarding our oceans.

In addition to the booth, CTC was also involved in a talk show during the event. The focus of the discussion was centered on the significance of coral reefs and mangroves, emphasizing their role in supporting marine biodiversity and the health of the ocean. The talk also featured a video of manta rays in Nusa Penida's Marine Protected Area (MPA), highlighting the risks of marine plastic debris to marine animals.

The Samudera Eco Festival offered CTC a unique chance to boost its marine conservation efforts by showcasing its initiatives and success stories to new audiences. This exposure informs audiences about the value of coral reefs, underscores the necessity of marine conservation, and motivates individuals to take action.



ORGANIZATIONAL DEVELOPMENT



Julia Tahija, CTC's Board of Trustees

During this quarter, Julia Tahija joined CTC's Board of Trustees. Ms. Tahija is an M.B.A. candidate at Melbourne Business School. She was formerly a bid writer at Veolia Australia and New Zealand, a leading provider of environmental solutions across water and wastewater services, industrial cleaning, waste management and resource recovery, and energy services. Before bid writing, Julia was a marketing executive at Grand Hyatt Melbourne and a marketing and communications officer at the Coral Triangle Center. She holds an M.A. in marketing communications from the University of Melbourne and a B.A. in communication studies from the University of Lynchburg.

New Staff Member



Farhan Wali Bachtier, CMC Facilitator

Farhan joined CTC as a CMC Facilitator in November 2023. He supports the daily operation of the CTC Center for Marine Conservation as well as CTC's public education programs. He facilitates CTC fun learning class, leads visitor tours in our Center, and supports the escape room as game master. Farhan graduated from the University of Gajah Mada's Faculty of Biology in 2023. He is highly interested in environmental issues, marketing, leadership and organization development. While he was in university, he actively participated in various campus events and training programs focused on preserving nature, particularly the marine environment. Farhan collaborated closely with lecturers, and coordinated offline and online lab courses for over 200 students. He successfully conducted a fundraising activity that surpassed its target in collaboration with his fellow students and several companies.

COLLABORATION

National Governments in the Asia Pacific Region

01. Coral Triangle Initiative for Coral Reefs, Fisheries and Food Security (CTI-CFF) Regional Secretariat and National Coordinating Committees
02. Ministry of Agriculture and Fisheries, Timor-Leste
03. Center for South China Studies of Ministry Foreign Affairs
04. Department of Marine Parks, Malaysia
05. Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

Ministry of Marine Affairs and Fisheries (MMAF) of the Government of Indonesia

01. MMAF Human Resources & Community Development Agency (BPSDM-KP)
02. MMAF DG KP3K, Directorate KKJI
03. MMAF Directorate Marine Biodiversity Conservation Area (KKHL)*
04. MMAF Fisheries Training Center in Banyuwangi
05. MMAF Fisheries Training Center in Tegal
06. MMAF Fisheries Training Center in Ambon
07. MMAF BPSPL Denpasar
08. MMAF Balai Kawasan Konservasi Perairan Nasional (BKKN) Kupang
09. MMAF Pengawas Sumberdaya Kelautan Pos Banda

Provincial Governments and Agencies

01. Bali Provincial Government (Dinas Kelautan dan Perikanan)
02. NTT Provincial Government (Dewan Kawasan Konservasi Perairan Nasional - DKKPN)
03. Maluku Provincial Government (Bappeda and Dinas Kelautan dan Perikanan)
04. Klungkung District Government (Bupati, Bappeda, Dinas Peternakan-Perikanan dan Kelautan, Dinas Pariwisata)
05. Klungkung Regency Government (Pemerintah Klungkung)
06. Central Maluku District Government (District Planning and Marine-Fisheries Office)
07. Seram Timur District Government (Dinas Kelautan dan Perikanan)
08. Certification Institute for Marine Core Competencies - LSPK (Lembaga Sertifikasi Profesi Kelautan)
09. Pusat Pelatihan Mandiri Kelautan dan Perikanan (P2MKP)
10. Balai Teknologi Industri Kreatif Keramik (BBPT-BTIKK)
11. Balai Pengelolaan Hutan Mangrove Wilayah I

Non Government Organizations

01. International Coral Reef Initiative (ICRI)
02. Global Sustainable Tourism Council (GSTC)
03. International Union for Conservation of Nature (IUCN)
04. The Nature Conservancy (TNC)
05. World Wildlife Fund (WWF)
06. Conservation International (CI)
07. RARE Conservation
08. Conservation Strategic Fund (CSF)
09. Pusat Pendidikan Lingkungan Hidup (PPLH) Bali
10. Yayasan Bahtera Nusantara - Bali
11. Yayasan Nusa Wisata, Nusa Penida
12. Friends of National Park Foundation - Nusa Penida
13. Yayasan Warisan Budaya Banda Naira - Kepulauan Banda
14. Aquatic Alliance Foundation
15. Yayasan Masyarakat dan Perikanan Indonesia (MDPI)
16. Mission Blue
17. Plastic Pollution Coalition
18. Reel Word Foundation
19. Environmental Defense Fund (EDF)
20. Starling Resources
21. Oceanic Society
22. Lembaga Partisipasi Pembangunan Masyarakat (LPPM)
23. eL SiL Kie Raha
24. Yayasan Baileo
25. Role Foundation
26. Australian Volunteers International (AVI)
27. Studio Gelombang
28. Seattle Aquarium
29. Mars Sustainable Solutions

Academic Institutions

01. Australian Tropical Marine Alliance (ATMA)
02. Murdoch University - Australia
03. Georgia University - USA
04. Wageningen University - Netherlands
05. Western University of Australia
06. Victoria Shanghai Academy - Hongkong
07. Indonesian Institute for Science - LIPI
08. Institut Pertanian Bogor - IPB
09. Brawijaya University - UNIBRAW
10. Udayana University - UNUD
11. Hasanudin University - UNHAS
12. Diponegoro University - UNDIP
13. Pattimura University - UNPATTI
14. University Warmadewa in Bali
15. Sekolah Tinggi Perikanan - STP
16. Universitas Pendidikan Ganesha Singaraja - UNDIKA
17. University of Khairun
18. Sekolah Tinggi Perikanan Hatta Syahrir
19. University of Darussalam

Private/Corporates/Agencies

01. World Ocean Council
02. Young Presidents Organization
03. National Geographic Society
04. Asian Geographic Magazines Pte Ltd
05. The Body Shop Indonesia
06. Jenggala
07. Grand Luley Resort
08. Kummara & Gummy Box
09. OceanBellz
10. PADI
11. Hotels in Bali (Hard Rock Hotel Bali, Fairmont, Mercure, Sudamala, Prama, Sanur Paradise, Tanjung Sari)
12. Dive Operators Community Komodo (DOCK)
13. GAHAWISRI Bali
14. GAHAWISRI Maluku
15. Smiling Tours
16. Buffalo Tours
17. Tierra Mar
18. Sustainable Solutions
19. Studio JvG

Bali and Nusa Penida

01. Lembongan Marine Association
02. Nusa Lembongan World Diving
03. Lembongan Dive Center
04. Lembongan Dive Operator Association
05. Blue Corner Dive Center
06. Big Fish Dive Center
07. Two Fish Dive Center
08. Bali Hai Cruise
09. Crystal Dive Center
10. All4diving
11. Ena Dive Center Marine Adventures
12. LivingSeas
13. Bali Diving Academy
14. Ceningan Divers Resort
15. Reef Seen Resort

Maluku and North Maluku

01. Blue Motion Dive Center
02. Mahu Lodge
03. Pari Dive

Community Based Organizations (CBOs)

Bali & Nusa Penida

01. Setya Posana Nusa
02. Celagi Buana Putra
03. Majelis Alit
04. Forum Krama Muda
05. Mangrove Tour Jungut Batu
06. Forum Petani Rumput Laut
07. Forum Nelayan
08. Karang Taruna Sanur Kajah
09. Yayasan Pembangunan Sanur
10. Kelompok Nuansa Pulau

Banda

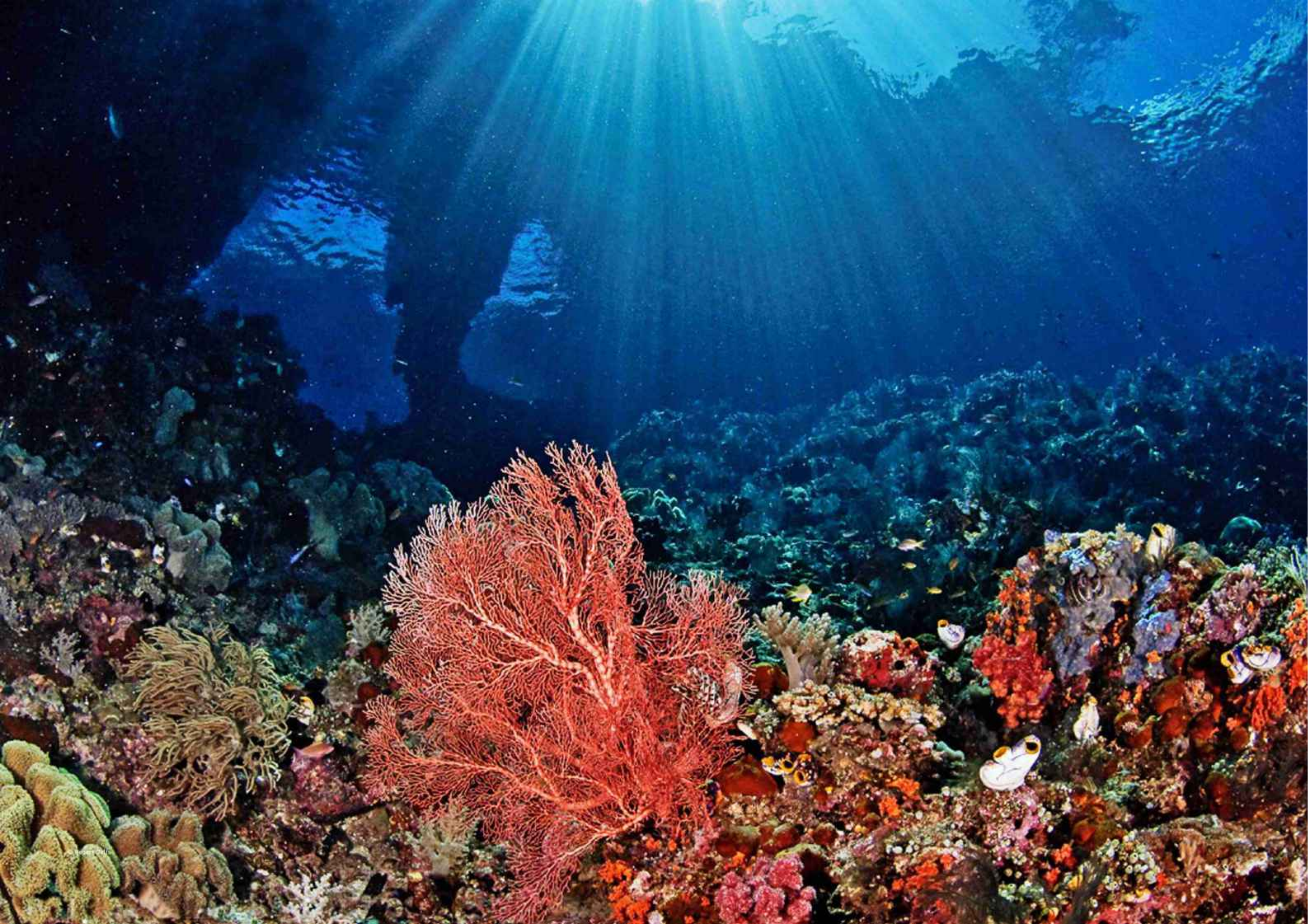
01. Kelompok Konservasi Masyarakat Pulau Ay
02. Kelompok Konservasi Masyarakat Pulau Rhun
03. Kelompok Konservasi Masyarakat Pulau Hatta
04. Kelompok Kreatif Anak Banda (KKAB)

Lease, Sula and Buano Islands

01. Moluccas Coastal Care (MCC)
02. Happy Green Islands (HGI)
03. Klasis Gereja Protestan Maluku
04. DPD Komite Nasional Pemuda Indonesia (KNPI)

Donors

01. SymAsia Foundation
02. Rainbow Foundation
03. David and Lucille Packard
04. Margaret A. Cargill Philanthropies
05. Walton Family Foundation
06. Critical Ecosystems Partnership Fund (CEPF)
07. Waterloo Foundation
08. National Geographic
09. Hard Rock Hotel Bali
10. USAID Sustainable Ecosystems Advanced (SEA) Project
11. USDOJ (United States Department of Interior)
12. Australian Government (Department of Environment & Energy)
13. AusAid (Australian Consulate-General Bali)
14. UN Environment Programme
15. Aralara and Timor Seas Ecosystem Approach (ATSEA)
16. Bloomberg Philanthropies





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