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CLEAN CITIES, BLUE OCEAN

QUARTERLY PROGRESS REPORT

Fiscal Year (FY) 2022, Quarter 2 – January 1 to March 31, 2022



PHOTO: SONEVA NAYOONA FOR USAID CLEAN CITIES, BLUE OCEAN

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Cover Photo: In the Maldives, CCBO grantee, Soneva Namoon, supports waste collection and removal from small islands, enabling recyclable material to be put back into the circular economy. Photo: Soneva Namoon for Clean Cities, Blue Ocean

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Acronyms and Abbreviations

3Rs	Reduce, Reuse, and Recycle
APS	Annual Program Statement
ASSIST	Asian Society for Social Improvement and Sustainable Transformation
Bappenas	[GOI] Ministry of National Development Planning
BBEST	[WWEE] Basic Business and Empowerment Skills Training
CCBO	Clean Cities, Blue Ocean
CCC	Ceylon Chamber of Commerce
CEBSE	Center for the Conservation and Eco-Development of Samaná Bay and its Surroundings [Centro para la Conservación y Eco-Desarrollo de la Bahía de Samaná y su Entorno]
CECAD	Center for Environment and Community Assets Development
CENRO	City Environment & Natural Resources Office
CO	Contracting Officer
COR	Contract Office Representative
CORA	Communities Organized for Resource Allocation, Inc.
CRS	Catholic Relief Services
DR	Dominican Republic
ENDA	Environment and Development Action
EPA	[United States] Environmental Protection Agency
EWC	Ecological Waste (EcoWaste) Coalition
FY	Fiscal Year
GOI	Government of Indonesia
ICMA	International City/County Management Association
iDE	International Development Enterprises
ISWMA	Initial Solid Waste Management Assessment
IWC	Informal Waste Collector
JHU	Johns Hopkins University (JHU)
LGU	Local Government Unit
MEL	Monitoring, Evaluation, and Learning
MINAM	[Peru] Ministry of Environment
MOA	Memorandum of Agreement
MoEF	[Indonesia] Ministry of Environment and Forestry
MONRE	[Vietnam] Ministry of Natural Resources and Environment
MOU	Memorandum of Understanding
MRF	Material Recovery Facility
MT	Metric Tons
MWRP	[USAID] Municipal Waste Recycling Program
Norad	Norwegian Agency for Development Cooperation
PCX	Plastic Credit Exchange
PILF	Public Interest Law Foundation
PLLENRO	Philippine League of Local Environment and Natural Resources Officers

PPP	Public Private Partnership
PROPEEP	[Dominican Republic] Ministry of Strategic and Special Projects of the Presidency
PZC	Project Zacchaeus
RFA	Request for Applications
SBC	Social and Behavior Change
SCIL	Solid Waste Management Capacity Index for Local Governments
SIGS	Small Island Geographic Society
SWM	Solid Waste Management
SWMP	Solid Waste Management Plan
TESDA	[Philippines] Technical Education and Skills Development
TIPS	Trials of Improved Practices
TMG	The Manoff Group
U.S.	United States
USG	U.S. Government
USAID	U.S. Agency for International Development
VASI	Vietnam Administration of Seas and Islands
WWEE	Women in Waste's Economic Empowerment
WWF	World Wildlife Fund

I. Introduction and Program Overview

On August 29, 2019, Tetra Tech was awarded Clean Cities, Blue Ocean (CCBO), a five-year, \$48 million program designed to respond to the global crisis of ocean plastics pollution. CCBO is the U.S. Agency for International Development’s flagship program to target ocean plastics, mitigating their impact directly at their source in rapidly urbanizing areas throughout many low- and middle-income countries. The program’s four main objectives are to:

Objective 1: Promote reduction, reuse, recycling (3Rs) practices and strengthen local and regional markets for recycled plastics;

Objective 2: Build social and behavior change (SBC) for 3Rs and sustainable solid waste management (SWM);

Objective 3: Increase capacity and effective governance of SWM and recycling systems; and

Objective 4: Support international fora, public-private partnerships (PPPs), and multi-stakeholder alliances.

As a crosscutting objective, CCBO also works to address and improve the livelihoods of those working in the SWM and recycling sectors, including to further gender equity and advance women’s economic empowerment—supported by USAID’s women’s economic empowerment fund.

CCBO works across seven focal countries in Asia, Latin America, and the Caribbean—Indonesia, the Maldives, the Philippines, Sri Lanka, Vietnam, the Dominican Republic (DR), and Peru. In its first year, CCBO finalized these focal countries and selected engagement sites within to test, scale, and share inclusive and sustainable 3R/SWM solutions—in collaboration with USAID, focal country Missions, and global, regional, national, and local stakeholders. In its second year, CCBO rolled out its local country teams; selected and awarded local grants; and began operationalizing and implementing individual country work plans. Now in its third year, CCBO’s programs are fully operational in all countries and increasingly generating results and learnings.

The following report details CCBO’s progress and achievements over the second quarter of the program’s third year (FY 2022). The report’s structure mirrors the program’s Work Plan—with technical progress and achievements detailed first (including individual country-specific progress reports for quick reference), capped by details on CCBO’s management and operations—including contract management; organization and staffing; communications and outreach; Monitoring, Evaluation, and Learning; and grants management.

Key highlights of CCBO’s second quarter in its third year included:



Mobilized an additional \$310,000 (for a total of over \$4.3 million program inception to date) **in funding for the advancement of local solid waste management systems** through technical assistance in Peru and additional funding from Coca-Cola Foundation (Philippines) to support the program’s Women in Waste’s Economic Empowerment Activity.



Safely managed more than 27,000 of metric tons (MT) (over 330,000 MT to date) **of waste and recyclables** through program technical assistance in the Dominican Republic and grantee activities in the Philippines.

- **Secured nearly 4,000 MT of plastic** (over 43,080 MT to date) **from leaking into the environment.**
- **Reduced, recovered, and diverted over 22 MT** (over 87.5 MT to date) **of plastic and other low-value waste from disposal** through grantee activities in the Philippines.



Recorded five new innovations (of fifteen to date) **through activities in the Maldives, Peru, the Philippines, and the Dominican Republic.**

Increased the capacity of an additional 425 individuals in 3R/SWM (for a total of more than 940 to date) through CCBO activities, both through grantees and CCBO technical assistance. This included trainings in topics such as local governance, SBC and related research and implementation methods, gender, and SWM—such as MRF and sanitary landfill best practices.



To date, reached over 22 million people through its activities and outreach across seven focal countries. This includes over 4 million individuals that have directly benefitted from CCBO's programming and over 17 million that have been reached by CCBO's communications, media outreach, and partnerships.

At the close of the quarter, CCBO's grants program added four additional grants to the program's roster, bringing the total number of awarded grants to 18, worth over \$3.3M, with many more in the pipeline.

2. Advancing CCBO Technical Objectives

In Year Three, CCBO continued to follow its step-wise approach to plan, implement, and monitor focal country activities that buttress existing Mission goals and contribute to CCBO's overall programmatic objectives. The following section summarizes program achievements in each of CCBO's six focal areas, highlighting significant progress made through in-field activities, grants, technical assistance, and global (non-country-specific) efforts.



Focus Area I: Build Capacity of CCBO Engagement Sites in Improved Solid Waste Management

Improved and effective SWM requires local governments that are empowered and have the capacity to implement national regulations, plans, and mandates and can operate effective and efficient local systems. Accordingly, CCBO worked with its local partners to provide capacity building

support and technical assistance to develop and/or strengthen local engagement site SWM, identify and share best 3R/SWM practices for local learning and potential application, and improve local capacities for policy implementation and enforcement. **Notable examples of progress made in this technical area included:**

- **Engaged national and local government representatives across its focal countries to hold consultative meetings, gain their support, and develop partnership frameworks required to carry work forward in the remaining sites without formalized MOUs.** Most notably, in **Vietnam**, CCBO formalized 3 MOUs with its local government partners and held a formal launch event, gaining the support of national and local government agencies and announcing the program, as well as its first grantees. CCBO's **Philippines** team also successfully signed an MOU with their engagement site of Iloilo. This enabled the program to move forward with its grants program and technical assistance in these sites. *For details, see section 4.2: Vietnam, Philippines.*
- **Rolled out CCBO's Solid Waste Index for Local Government (SCIL) assessment in Vietnam, bringing the pilot's total to four countries—the Philippines, Sri Lanka, Peru, and Vietnam.** Indonesia will be rolled out next quarter. CCBO built local government capacity in SWM planning and management using the tool, with sites in varying levels of completion. The program is preparing to launch the tool publicly, later this year, but within the quarter published an article to promote and spread awareness of the innovation. *For details, see sections 4.1 and 4.2.*
- **Conducted in-person capacity building sessions with partners and provided technical guidance based on real-time site visits in each of the program's Philippines engagement sites.** With COVID-19 travel restrictions being lifted, CCBO technical experts traveled to the Philippines to deliver "Good Practice Technical Sessions" for local government partners and grantees in the cities of Parañaque, Iloilo, and Puerto Princesa, with modules on collection, routing, landfill operation and design, material recovery facilities, and health and safety. Across the cities, the team also visited sanitary landfills, dumpsites, and MRFs to observe current operations, equipment, and construction, share best practices, and provide recommendations for their improvement and optimization. *See section 4.2: Philippines for details.*
- **Supported the development and passage of a district ordinance in Pisco, Peru to implement a law that regulates single-use plastic and disposable containers.** The law will prevent the use of single-use plastics, support enforcement of the regulation, and also included a public education component to increase the public's awareness of how and why to reduce single-use plastics.



UrbanLinks: [USAID Develops New Self-Assessment Tool to Strengthen Local Government Capacity for Sustainable Waste Management Systems](#)



Focus Area 2: Improve Enabling Environment for 3Rs with a Focus on CCBO Engagement Sites

To prevent plastics and other waste from entering inland and oceanic bodies of water as well as other natural environments, CCBO supported the development of more sustainable enabling environments in each of its focal countries that promote and facilitate

3R practices for more circular economies. **Notable examples of progress made in this technical area included:**

- **Across its sites, identified and launched pilots for new 3R and circular economy-supportive business models.** In Manila City, **Philippines**, CCBO grantee, Plastic Credit Exchange (PCX), expanded its Aling Tindera (waste-to cash) pilot with the launch of the seventh USAID supported station. Green Antz, another CCBO grantee in the Philippines, also made strides in Q2 toward the launch of their EcoHub by breaking ground on their new facility, which had been delayed by pandemic-related difficulties in securing local government agreement. See *section 4.2 Philippines for details*.
- **Launched innovative solutions and technologies to strengthen local SWM systems.** **In the Philippines**, CCBO turned over waste collection vehicles to Project Zacchaeus and its waste heroes, the Eco Warriors of Puerto Princesa City, and celebrated the groundbreaking for a new, local waste aggregation facility—both critical next steps in creating a suitable enabling environment for robust solid waste management and increasing sectoral safety and sustainability. The vehicles will increase the amount of waste EcoWarriors can collect—eliminating the need for them to patrol neighborhoods by foot in the hot island sun, while reducing local ocean plastic pollution.
- **Engaged with the private sector to develop partnerships, mobilize funding, and facilitate action**, including in the **Philippines**, where CCBO formalized a significant partnership with **Nestlé Philippines**, garnering media and USAID leadership attention. The partnership will extend Nestlé Philippines’ Climate Change and Solid Waste Management Education Program to CCBO’s engagement sites in Metro Manila and Iloilo to support local government efforts to enhance solid waste management systems and develop climate change resilience. CCBO also made final arrangements to sign an MOU with the Coca-Cola Foundation (Philippines and Global) and WWF Philippines at the outset of Q3, which will activate Coca-Cola funding to the Women in Waste’s Economic Empowerment Activity. See *section 4.2 Philippines for details*.

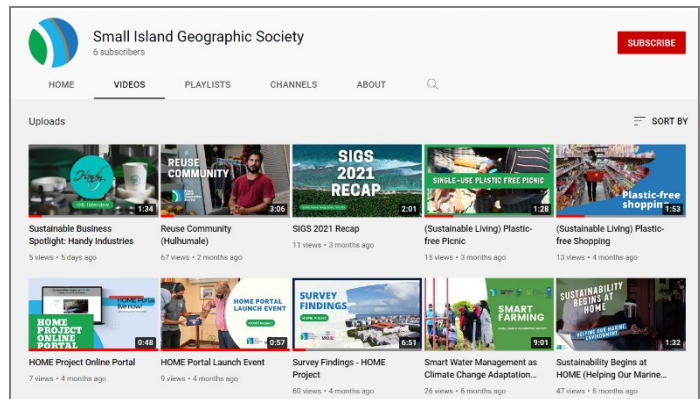


Focus Area 3: Build SBC for 3Rs and Improved SWM and Address Livelihood Challenges for Waste Workers

Over the course of the program, CCBO aims to change the model for SBC activities that support good 3R/SWM practices resulting in sustained, positive behavioral practices that lead to improved waste management and reduced environmental leakage. CCBO uses an approach to behavior change called “behavior-centered programming,” which begins by collaborating with those the program wants to reach (along with decision makers) to identify the most appropriate program participants, learn

about what people are currently doing, identify what people could and are willing to do to change their behavior, and examine other factors that may facilitate or impede this behavior change. Within its SBC work and across its program objectives, CCBO also seeks to address challenges and improve the livelihoods of those who SWM depends upon—particularly often underrepresented informal waste collectors (IWCs) and women. **Notable examples of progress made in this technical area included:**

- Promoted alternative behaviors to reduce single-use plastic usage as part of its social and behavior change strategy in the Maldives.** CCBO grantee, SIGS, released [several new videos](#) in their ongoing series of videos that share the results of their research on the city’s single-use plastic consumption and share tips on how households and businesses can reduce their waste. See *section 4.2: Sri Lanka and Maldives for details.*



- Disseminated social and behavior research findings from program research in the Dominican Republic and the Maldives.** The program shared its innovative approach and findings to date at March’s Annual Society of Applied Anthropology Meetings in Salt Lake City, Utah. CCBO led a panel on how anthropology and other social sciences can revolutionize reduction, handling, reuse, and disposal of plastic waste.
- Implemented solutions to increase waste worker safety, income, living conditions for waste workers,** particularly in the **Sri Lanka**, where the program distributed personal protective equipment to city waste workers; the **Philippines**, where CCBO turned over new collection vehicles to grantee, Project Zacchaeus, and their local informal waste collector “Eco-Warriors” to minimize health and safety risks, increase collection volumes, and increase incomes; and also in the **Philippines**, CCBO’s Women in Waste’s Economic Empowerment activity trained 40 additional women in basic business and empowerment skills. See *section 4.2: Sri Lanka and Philippines for details.*



Focus Area 4: Support Gender Equality and Women’s Economic Empowerment

CCBO seeks to further gender equality, women’s meaningful participation, and economic empowerment in all levels of the SWM sector to achieve multiple development outcomes. Gender-transformative approaches are integrated in the program’s global approach, with additional, focused activities that increase gender equality across its focal countries. Through its activities, CCBO addresses gender-related sectoral challenges, including women’s limited access to SWM jobs that provide a decent living-wage and to professional and community leadership

roles, and issues that affect women’s broader well-being, such as gender-based violence. Addressing these challenges and other gender inequities expands opportunities for women and, in turn, expands service offerings for more robust SWM. **Notable examples of progress made in this technical area included:**

- **Supported women entrepreneurs and women-owned businesses through grants and technical assistance.** In the **Philippines**, CCBO’s Women in Waste’s Economic Empowerment (WWEE) activity has now trained three cohorts of women in its Basic Business and Empowerment Skills Training (BBEST). In Q2, 40 women graduated from BBEST. Thus far, graduates have anecdotally shared that the trainings have increased the knowledge on collection, enabling them to produce higher quality plastics for resale, and has greatly improved their relationships with their fellow waste colleagues and communities. See section 4.2: *Philippines for details.*



Women participate in the CCBO WWEE Basic Business and Empowerment Skills Training in the Philippines. Photo: Melinda Donnelly/Clean Cities, Blue Ocean

- **Leveraged its partnership with the International Solid Waste Association’s Women of Waste (WOW!) Task Force** to collaborate with [GRID Arendal](#) on the development of a policy brief on “the role of the informal waste sector in reduction of the plastic pollution and recommended policy changes” that will inform the new global plastics treaty proceedings that were announced in March at the UN Environment Assembly (UNEA-5) in Nairobi.
- **Trained more than 160 individuals to advance outcomes consistent with gender equality or female empowerment.** In the **Philippines**, in celebration of Women’ Month, CCBO collaborated with the Pasig City Environment and Natural Resources Office (CENRO) and Solid Waste Management Office (SWMO) to #BreakTheBias towards women in the waste sector through gender empowerment trainings for 80 of the city’s eco collectors – both men and women. Topics discussed included gender stereotyping and discrimination and gender-based violence.



Focus Area 5: Strengthen Public-Private Partnerships and/or Multi-Stakeholder Alliances

In Q2, CCBO built on the foundation and network of public and private sector partnerships developed in Year One and Year Two by identifying and establishing high-impact partnership opportunities, developing partnership concepts, and formalizing partnership agreements. **Notable examples of progress made in this area included:**

- **Formalized new partnerships with organizations such as Nestlé Philippines.** The partnership will extend Nestlé Philippines’ Climate Change and Solid Waste Management

Education Program to CCBO's engagement sites in Metro Manila and Iloilo to support local government efforts to enhance solid waste management systems and develop climate change resilience.

- **Added additional partnerships to the pipeline, including a partnership with Coca-Cola Foundation (Philippines and Global) and WWF Philippines.** CCBO coordinated with Coca-Cola over the quarter to prepare a tri-partite MOU that will be signed at the outset of Q3. Through the partnership, Coca-Cola will provide funding to support WWEE's mentorship and blended financing component, which will be implemented in part by WWF, further enabling women to transform their waste business ideas into start-ups, expanded enterprises, or franchised operations.
- **CCBO's U.S. and focal country teams continued to meet with private sector organizations to gain additional knowledge, explore potential partnerships, and expand the program's network,** including:
 - 4Earth, Dominican Republic
 - Asosiasi Daur Ulang Plastik Indonesia (ADUPI), Indonesia
 - Coca-Cola Foundation, Philippines
 - Green Field Solutions, Sri Lanka and Maldives
 - The Industrial Agency, Indonesia
 - Japan International Cooperation Agency (JICA), Dominican Republic
 - Le Minerale, Indonesia
 - Rebricks, Indonesia
 - Waste4Change, Indonesia
 - World Wildlife Fund (WWF), Philippines



Focus Area 6: Strengthen USAID Leadership in Combating Marine Plastics

As part of CCBO's objectives to strengthen USAID's leadership in combating ocean plastics, CCBO engages inter-governmental fora to facilitate dialogue, commitments, and global coordination. **Notable examples of activities that strengthened and/or demonstrated USAID leadership in combating ocean plastics included:**

- **Received international recognition through a Climate Change Adaptation and Resilience award from the Climate Change Business Journal.** On March 17, CCBO was awarded this award from the Environmental Business International (EBI) and its award selection committee, which annually present Business Achievement Awards in a number of categories to recipients in the environmental and climate change industries.
- **Launched an expanded program website to increase public awareness and access to information on the program's activities, successes, and impacts.** On February 1, CCBO and the USAID Communication, Evidence, and Learning program relaunched the program's website (right), unveiling a more visual and robust "mini" site. The new website features detailed

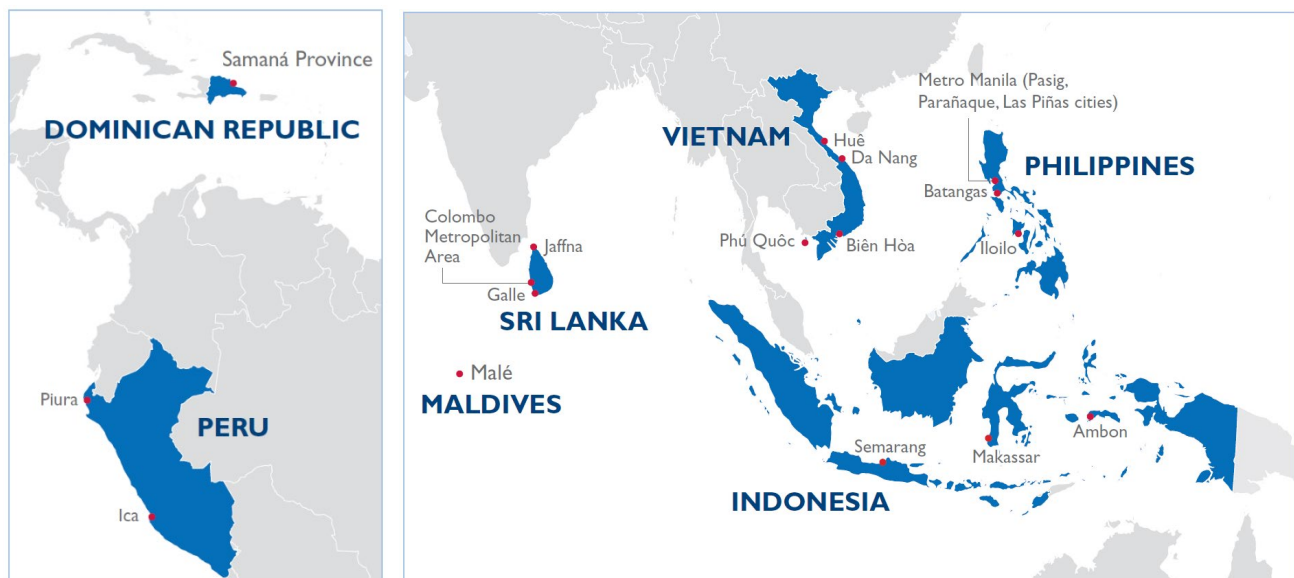
country pages and highlights updates from CCBO’s in-field activities, including through increased photo and video highlights.

- CCBO also developed concepts for side events of the Our Ocean Conference 2022 and started outlining and developing proposals for technical sessions for the 7th International Marine Debris Conference. The sessions include addressing legacy waste and open dumpsites and international cooperation focusing on USAID and Korea International Cooperation Agency (KOICA) case studies.

3. Focal Country Activity Progress Updates

This section provides country-specific progress updates regarding country engagement, planning, and implementation in each of CCBO’s focal countries and engagement sites (see *Figure 1*).

Figure 1. CCBO Focal Countries and Engagement Sites



3.1 Latin America and the Caribbean



Dominican Republic

COUNTRY COORDINATION

During the quarter, the program continued to coordinate with local and national government, as well as USAID counterparts, to advance technical objectives. With the national government, CCBO continued to work directly with the Ministry of Strategic and Special Projects of the Presidency (PROPEEP) (as detailed below) and made progress in formalizing its partnership with other key national partners, notably the Ministry of Environment (MoE). In Q2, CCBO’s sub-contractor, Sostenibilidad 3Rs, coordinated with the Ministry

and developed a draft MOE to formalize a partnership, which will include support for capacity building and training at national and municipal level for landfill regulation and general solid waste management concepts, as well as support for solid waste management planning, routing, and equipment specification. The draft MOU was finalized and sent to USAID/Dominican Republic for review on February 25 and at the close of the quarter was pending further Mission review and approval. CCBO is hopeful that the MOU will be executed in Q3. CCBO also continued coordination with the DR's Public Private Trust, to formalize their partnership CCBO anticipates formalizing additional partnerships with key local Samaná local governments and the Samaná Touristic Cluster once the above are finalized. During the quarter, CCBO extended its subcontract with Sostenibilidad 3Rs, who will provide vital support in this—and other—technical areas.

ADVANCING TECHNICAL OBJECTIVES

In Q2, CCBO continued to provide direct technical assistance to advance the build out of critical solid waste management infrastructure in Samaná Province, with progress at the legacy open dump sites and the planned regional sanitary landfill. As a result of the program's guidance, PROPEEP awarded contracts for the next steps in the closure permanent closure process, including installation of ancillary infrastructure at the Las Terrenas and Santa Barbara landfills, which mobilized an additional \$1.2M USD¹ for improved solid waste management through USG assistance. In the quarter, the subcontractor began and completed the build out of transfer stations at each site. The contractors will also develop final, lined cells at each of the two facilities (to last until waste is diverted to the new landfill); construct permanent methane collection and leachate treatment areas; complete final cover and grading for the site (with the exception of the new cells, which will be closed once the new landfill is open); and construct one-year oxidation pond and trenches. CCBO held discussions with PROPEEP about addressing the Sanchez Landfill, which could begin by this summer if approved by the national government.



New facilities and fencing installed at the Santa Barbara landfill site. Source: Sostenibilidad 3Rs for Clean Cities, Blue Ocean

To complement these activities, **CCBO also continued to explore innovative solutions and technologies to complement these efforts and support the burgeoning sustainable solid waste system.** CCBO continued to coordinate with 4Earth (an organization that has developed technology to transform low-value waste plastic into composite building materials for homes, schools, and other types of buildings), PROPEEP, and the Ministry of Housing to implement a small-scale demonstration project to design and build structures for the province's improved waste sites using low-value plastic waste. During the quarter, CCBO worked with 4Earth and PROPEEP to develop designs and specifications for these facilities. Because PROPEEP 4Earth was not able to source the materials soon enough to align with the build of transfer stations in Las Terrenas and Santa Barbara, the partners shifted focus to using 4Earth's technology at the Sanchez landfill. Refinements were made to the draft designs over the course of

¹ Reported against CCBO's MEL targets in Q1 when procurement was launched.

the quarter and, as of its close, design plans for both low-cost housing and a community design center were with the Ministry of Housing. **Also, during the quarter, CCBO seek out opportunities for collaboration with other development agencies, donors, and investors to support the implementation of the Samaná Master Plan and the infrastructure investments it will require.**

In concert with these efforts, CCBO collaborated with partners to provide technical guidance on litter reduction programs that secured over 15,200 pounds of plastic.

Supported by Sostenibilidad 3Rs, CCBO collaborated with the Dominican National Brewery (CND) on its Recicla 100+ program, which was launched in July 2019 with the objective of collecting one million pounds of plastic bottles (PET) each month by 2025—the amount of plastic that they produce into the market. This is the very first time that a company of this magnitude in the Dominican Republic has declared its plastic footprint in order to recover their plastic packaging. Pilot locations included parks and green areas in Santo Domingo, as well as in Playa Bonita (Las Terrenas) and Barahona. With CCBO’s support, CND was able to keep the Playa Bonita pilot afloat, which was interrupted because the participating informal collector was not able to secure sustainable pricing for the plastics. CCBO established a partnership with Cilpen Global, a local MRF, calling on their corporate social responsibility to offer a better price for the plastics. Thus far, the pilot has secured over 15,200 pounds of plastic, as well another 700 pounds of aluminum and metal cans. CCBO also began to support the Parks Ministry on a pilot litter abatement program focused on waste containers and public education in priority sites in the province, which will serve as a new national model upon its completion. CCBO is awaiting formal documentation to report the tens of thousands of pounds of plastic waste that have been secured through the pilot, which will be included in the program’s Quarter Three Progress Report.

IMPLEMENTING AND SHARING RESEARCH-BASED APPROACHES –

CCBO’s research findings in Samaná Province will be crucial to the accuracy and credibility of CCBO’s SBC strategy and the program’s ability to develop and implement waste programs that are locally-tailored and reach those most relevant. During the quarter, CCBO developed and submitted a proposal (which was accepted) to lead a session at the Annual Society for Applied Anthropology meetings, featuring this research. Anthropology and other social sciences can revolutionize reduction, handling, reuse, and disposal of plastic waste. The panel will focus on how CCBO is using anthropology and other applied social sciences to understand the relationship of humans and waste, framing inclusive, sustainable and practical solutions for waste workers, households and businesses. The meeting will take place in March 2022 in Salt Lake City, Utah.

CCBO advanced its social and behavior change and women’s economic empowerment efforts by finalizing research and sharing its findings for the first time at an international anthropological conference. In Q1, CCBO officially closed out its grant with the Center for the Conservation and Eco-Development of Samaná Bay and its Surroundings (CEBSE) Consortium, which conducted community research to better understand how various population groups are producing and disposing of waste, the reasons behind these practices, and potential alternative behaviors—and, separately, establish data on women’s role in the waste value chain. In Q2, CEBSE completed their final grant report and CCBO’s SBC and Gender Director reviewed their final research report and developed an actionable conclusions and recommendations section. Findings from the report were presented by CCBO and its partners in the DR at the March Annual Society of Applied Anthropology Meetings in Salt Lake City, Utah, where CCBO led a panel on how anthropology and other social sciences can revolutionize

reduction, handling, reuse, and disposal of plastic waste.

IN THE MEDIA



Sostenibilidad 3R's Founder shared news of CCBO-supported activities in the Dominican Republic with their more than 4,000 followers.



Peru

COUNTRY COORDINATION

In Q2, CCBO made significant headway in advancing its objectives, making fast progress after, in Q1, it secured MOUs with each of its three engagement sites and held a formal (November) launch event. With MOUs signed in Q1 with each of its engagement sites—Pisco, Paita, and Mancora—the team worked closely with national and local government, as well as Mission counterparts. CCBO continued to regularly coordinate with relevant national and local government counterparts, as well as USAID/Peru. Examples of this included the team's engagement with the outgoing mayor of Pisco and his successor to ensure a smooth transition with continued local support for the program and, moreover, solid waste management initiatives.

CCBO also engaged with the national government for strategic opportunities, including a February presentation to the Ministry of Environment (MINAM) on a "Welcome Summer Pisco 2022 Plan," which CCBO developed with the municipality of Pisco to improve the environmental, health, and safety conditions on the Pisco coast by promoting sustainable tourism and enable socio-economic development for the population. The plan included actions to improve SWM, guarantee security and access to services, promote citizen environmental awareness and access to environmental information, and promote environmental conservation and protection of fragile ecosystems, like wetlands, among other initiatives. Although the plan will not be implemented due to a lack of government funding, the project represents the CCBO's proactive, innovative, and collaborate approach and relationship with national and local government.

ADVANCING TECHNICAL OBJECTIVES

In Q2, CCBO quickly advanced program objectives through technical assistance across its engagement sites of Pisco, Paita, and Mancora.

In Pisco, the team delivered assistance on solid waste management planning, sanitary landfill development, and improved waste collection and routing—the highlight of which was the successful transfer of 80 hectares of land from the national government to the Municipality of Pisco for a new sanitary landfill, to be developed under CCBO’s continued technical guidance. On March 23, the Superintendency of National Assets transferred the land to the Municipality of Pisco in a formal ceremony. The land is valued at US \$160,000 and represents additional investment leveraged by the program for improved SWM. The new landfill will benefit at least 6 districts of the Province of Pisco, which currently are disposing their waste in open dumps. CCBO supported the land transfer process by preparing required technical reports, advising the Municipality on the process, and participating in coordination meetings with the government of Peru’s official entities in charge. The program will continue to provide technical assistance to the Municipality of Pisco to site a new, state-of-the-art landfill and advise on the closure of two open dumps, if feasible.

The team also continued to support the city through the complete solid waste management planning process, per the local government’s request regarding the formulation of the province’s mandated solid waste management plan (Plan Integral de Gestión Ambiental de Residuos Sólidos, PIGARS) due to expire at the end of 2021. Decentralization workshops were carried out in seven districts’ municipalities to support this exercise. Moving forward, CCBO will also provide targeted technical assistance to adapt the national standard to the local context. In addition, **CCBO progressed the Solid Waste Capacity Index for Local Governments (SCIL) pilot** with its local SCIL Committee by conducting a February workshop to present the assessment results to the Provincial Municipality and identify and validate strategic actions to strengthen



CCBO’s Peru Country Director provided remarks at the land transfer event in Pisco, Peru, which was [streamed online](#) to reach more than 3,800 people and received significant media pickup.

PREVENTING OCEAN PLASTIC LEAKAGE AT SOURCE THROUGH REMEDIATION AND PLANNING

Ahead of the land transfer for Pisco’s new regional sanitary landfill, CCBO prepared technical guidance, from developing a variety of recommended solutions for Pisco’s final waste, to supporting the designs and development of the selected option—the new sanitary landfill. CCBO conducted an analysis of the population to be served, the generation per capita, the type of landfill required, equipment needed, and distance between each of the districts and the future landfill, among others; and developed final recommendations for addressing the province’s final disposal of waste. Three alternatives were presented to the mayor of Pisco, with the abovementioned sanitary landfill site selected. CCBO also developed recommendations for alternative solutions to enable districts that are too remote to access the landfill to manage waste locally. The mayor supported these proposals, advocating for a public investment project to address the comprehensive management of municipal waste in all districts of the province. As a part of planning preparations for the new site, the program prepared a draft proposal for the Operational Safety Risk Study of the Pisco International Airport (an important consideration in landfill planning, which was sent for the review of the General Directorate of Civil Aeronautics).

the capacities for solid waste management in the Provincial Municipality of Pisco. The workshop was attended by the SCIL Committee, including managers, heads, and members of municipal departments linked to solid waste management.

CCBO continued support, launched in Q1, to optimize solid waste collection routes in Pisco, with a plan presented in the quarter to optimize routes in four priority sectors in the city. The CCBO-optimized routes will expand solid waste management services from reaching a current

35,550 residents to at least 42,820. In early February, the team presented the route optimization proposal to the Head of the Management of Services to the City and the Deputy Manager of the Municipal Environmental

Department; all agreed with the proposal and gave the green light to begin testing in the field. The optimization project is a great innovation, using local knowledge and non-conventional tools to design new, more efficient routes. The methodology follows standard technical procedures and fills gaps by using fieldwork in local contexts (e.g., counting houses, identifying specific obstacles and challenges), as well as satellite technology (Google Earth) to evaluate and optimize the routes. CCBO also engaged with the company currently providing GPS services to Pisco’s waste collection fleet to improve the accuracy of the system, as well as engaged with the municipality’s Solid Waste Management Advisor and environmental promoters to gather information needed to optimize the routes. In the quarter, CCBO’s Peru team presented this work to the global CCBO team and USAID to exchange knowledge. The presentations were further shared with CCBO grantees and partners in other global engagement sites to build capacity through real-world examples.



CCBO’s support to optimize collection routes in Pisco, mapped using GPS for application to fleet operations.

Other activities in Pisco included support for the formulation and announcement of a district ordinance to implement a law that regulates single-use plastic and disposable containers in Pisco, which was approved on February 18 (see *media highlights*). The purpose of the ordinance is to establish the provisions for the progressive reduction of single-use plastic and disposable packaging or containers of expanded polystyrene (Tecnopor) for food and beverages for human consumption in the district of Pisco, within the framework of Law No. 30884 which regulates single-use plastic and disposable containers or containers.

In Mancora, CCBO also worked to advance local government capacity through the SCIL process, supported collection route optimization for the city, and provided technical assistance to ensure the municipality has the equipment needed for adequate solid waste management. Regarding the SCIL, in early March, CCBO presented the results of the SCIL analysis to the Municipality of Mancora, as well as the strategic actions to strengthen the capacities for solid waste management in this district. The event had a large turnout that included the mayor and representatives of all the units and directorates of the municipality.

Work also continued to develop an optimized route plan for the city. CCBO conducted research to obtain relevant primary technical information, such as the volume of waste to be collected, large waste generators, roads and hours of vehicular and pedestrian congestion, and roads with characteristics that may challenge collection. This work will continue into Q3.

CCBO also responded to a request from the municipality to repair two solid waste collection units by securing a qualified mechanic to inspect the units. CCBO may leverage its in-kinds grant funds to support the purchase of spare parts, accessories, and installation. A meeting was held with the Regional Coordinator of Piura to collect the data needed to generate a Solid Waste Collection Service Optimization report and recommendations for Mancora. The support to the municipality and the coordination with the Ministry of the Environment resulted in a Feasibility Declaration for the municipal land that will be used for the future sanitary landfill. At the request of the CCBO Peru team, the Ministry of the Environment carried out an evaluation of this land and concluded, with no objections, that it is suitable for the installation of the sanitary landfill.

Lastly, CCBO began providing technical support to prepare for an upcoming waste characterization study that will be conducted in Mancora. The general methodology of the study is regulated by the Ministry of the Environment but will be adapted to the specific conditions of each municipality. CCBO supported and accompanied the municipality in meetings with groups of waste generators, like the Association of Artisans and market vendors, to inform them of the study that will be conducted and encourage their participation, as well as facilitated pro bono support from the National University of Tumbes' environmental laboratory to provide technical advice.

In Paita, CCBO also supported the local government to comply with PIGAR requirements, providing technical assistance for an upcoming waste characterization study, and facilitated the reactivation of Paita's Municipal Environmental Commission (CAM), which will allow for a space for dialogue and coordination to carry out the Comprehensive Solid Waste Plan for the province of Paita. CCBO made visits to the district's seven municipalities to encourage their engagement and participation in the commission. In March, the group met with the participation of representatives from two districts, the Port Authority, representatives of the JUVECUS (communal neighborhood boards by its acronym in Spanish), and other actors. CCBO will provide support to strengthen the group's capacity to improve city waste management and handling. CCBO made preparations to begin updating the PIGARS, with the development of a work plan. Under the plan, the first action set is to carry out the Provincial Waste Characterization Study. CCBO accompanied the Provincial Municipality of Paita to visit the district municipalities to provide information about the PIGARS process and secure their commitment to participate.



Through significant coordination efforts, CCBO facilitated the reactivation of a vital waste management group in Paita. Photo: Clean Cities, Blue Ocean

Across its three sites, CCBO also provided support to:

- **Ensure basic infrastructure and equipment for solid waste management.** CCBO provided support to the three municipalities to improve their solid waste vehicles/machinery, noting that in many cases the cities already have equipment and other resources, but they have not received the support necessary to maintain them. CCBO arranged a technician to review the

condition of the vehicles/machinery, identify those needing survey, and provide recommendations on priority equipment to repair to ensure adequate waste collection service in the city.

- **Advance social and behavior change.** CCBO executed a subcontract with a local organization, Inforegion Agencia de Prensa Ambiental (APOYO), which will conduct formative behavior change research to identify the perception of the public regarding waste and the factors or drivers that would support the adoption of responsible waste management behaviors. APOYO will use different research techniques and tools, including focus groups, ethnographic visits, interviews, journeys or accompaniment of direct observation, non-participant observation and situational conversations. Trials of improved practices (TIPs) will be held in one engagement site (Mancora). Findings will inform an education and communication strategy, to be used by an incoming program grantee and other program partners.
- **Build a women-led circular economy model.** Across its sites, CCBO identified public services that promote equal opportunities for women and prevent violence against women that may be tapped to support CCBO’s upcoming empowerment activities. By identifying these services, the program can better facilitate access to these services by women working in the sector. CCBO also published a request for and received proposals for “baseline and technical assistance with a gender perspective for actors in the recycling chain and circular economy. CCBO’s Women in Circular Economy Specialist is expected to join the team in Q3.

Finally, to continue exploring opportunities for partnership and collaboration in support of the above activities, CCBO held several high-level and exploratory meetings with potential partners. These included, but were not limited to, a meeting with the former congressman of Peru and new National Director of **Oceana**; the Director of Public Affairs, Communications, and Sustainability from the **Coca-Cola Company**; the **San Miguel District Women Emergency Center**; and **Bureo**, a certified B Corporation building solutions to prevent fishing net waste. CCBO also planned to hold a working breakfast with the private sector, which was postponed and will be held in Q3.

To complement the program’s technical assistance, CCBO also advanced its grants program within the quarter, moving one Request for [Grant] Applications that was launched in Q1 ahead to full award and releasing one additional request. To advance RFA #1, “innovations to reduce waste and generate a circular economy in Piura’s artisanal fishing sector,” CCBO selected WWF as the prospective awardee and worked closely with the organization to prepare the grant agreement, to be awarded in Q3. CCBO released RFA #2, “developing evidence-based education and communication strategies,” and, after review, selected Inforegion as the prospective recipient—also expected to launch in Q3. The team worked on the design of two additional RFAs—RFA #3 (identifying and developing women-in-circular-economy projects) and RFA #4 (empowering women in the solid waste management system), which are expected to be released in early Q3.

IN THE MEDIA

Caretas

[Pisco recibe terreno destinado para la instalación de moderno relleno sanitario](#) (Pisco receives land destined for the installation of a modern sanitary landfill)



Caretas

[Pisco aprueba ordenanza para fortalecer control de plásticos de un solo uso](#) (Pisco approves ordinance to strengthen control of single-use plastics)

Inforegión (Peru)

[Pisco recibe terreno destinado para la instalación de moderno relleno sanitario](#) (Pisco receives land destined for the installation of a modern sanitary landfill)

Superintendencia Nacional de Bienes Estatales (Peru)

[SBN suscribió acta de entrega de predio de 800 mil m2 para la ejecución del proyecto Mejoramiento de los Residuos Sólidos en Pisco](#) (SBN signed certificate of delivery of 800,000 m2 of land for the execution of the Solid Waste Improvement project in Pisco)



Municipalidad provincial de Pisco (Facebook)

[Pisco recibe 80 hectáreas de terreno que serán destinado para la implementación de un moderno relleno sanitario](#)

3.2 Asia



Indonesia

In Q2, CCBO continued coordinating with and cementing its relationship with national and local government partners—the highlights of which included a local program launch and development of draft MOUs with two of its three engagement sites. In Ambon, on January 20, CCBO held its program launch, marking the official start of the program’s support to Ambon’s local government. The event was attended by representatives from the national government and members of the technical team Grant Implementation Agreement USAID Urban Water, Sanitation, Solid Waste, and Hygiene (GIA UWASSH) Program, led by the National Development Planning Board (BAPPENAS). CCBO advanced drafts MOUs with its Makassar and Semarang City engagement sites, which will formally launch the program in these cities. CCBO collaborated with all of its local government partners as it advanced technical activities, detailed below.

CCBO also coordinated with the national government, in compliance with the Grant Implementation Agreement (GIA) between the US and Indonesian Governments, as well as to explore additional opportunities for collaboration (namely with the Coordination Ministry of Maritime, the lead government agency for ocean plastic pollution, and the Vice Minister of the Ministry Environment Management and Forestry (MOEF). The ministry requested for CCBO’s technical support in developing a strategy and set of indicators for its annual incentive program for Waste Banks. In compliance with the GIA, CCBO submitted its FY2021 document to the Ministry of Finance and presented its Annual Work Plan to key stakeholders for their approval. This plan was developed based on CCBO’s consultations with various technical ministries, including the Ministry of Environment and Forestry, Ministry of Health, Ministry of Public Work and Housing, and Ministry of Home Affairs.



CCBO meets with Secretary of the City of Ambon and the Head of the Office of Environment. Photo: Clean Cities, Blue Ocean

ADVANCING TECHNICAL OBJECTIVES

In Q2, the program continued to extend technical assistance engagement site partners to build capacity in SWM planning, system implementation, and to improve the enabling environment.

In Makassar City, CCBO conducted research and site visits to inform future program planning and began to discuss program support for a landfill assessment,



Makassar Mayor Danny Pomanto meets with CCBO to discuss future collaboration and the MOU signing. Photo: Clean Cities, Blue Ocean

as well as development of the city's Solid Waste Management Master Plan. CCBO conducted a value chain assessment of plastic and paper to better understand its flow from households to recycling facilities, as well as visited two TPS 3R (Material Recovery) sites, which helped further illuminate the condition of existing local waste infrastructure and opportunities for improvement. The information will inform program activities, as well as aid local governments and grantees in their planning and implementation. In early March, CCBO met with the city mayor to begin discussions on collaborating on a landfill assessment and development of the Makassar's Solid Waste Management Master Plan. Support to both are pending signing of CCBO's MOU with the local government, which the mayor is expediting. The head of the environmental department also requested CCBO's support to improve enforcement of plastic use regulations—to be explored in Q3.

In Semarang, CCBO met with Dinas Lingkungan Hidup Kota Semarang (the Environmental Office of Semarang) to provide technical assistance to strengthen the city's waste infrastructure. The partners discussed a strategy to reduce the workload in landfills and advance the local circular economy by activating a transfer station for inorganic waste transactions and socializing the role of waste banks.

CCBO continued to move toward expansion of the program's Women in Waste's Economic Empowerment (WWEE) activity—currently being piloted in Metro Manila, Philippines—to Semarang, Indonesia. CCBO met with the director of Semarang City's waste bank, Mulya Sejahtera, to align the activity's first component—its Basic Business and Empowerment Skills Training (BBEST) curriculum with their needs and challenges. The program also worked to finalize its grant to Yayasan Kesejahteraan Keluarga Soegijapranata Semarang's (YKKS), which will be the lead supporting grantee for the WWEE activity in Semarang, and a subcontract modification for John's Hopkins University, which will be customizing the BBEST curriculum, currently being piloted in the Philippines, for Indonesia. CCBO's WWEE Coordinator in Indonesia also travelled to Manila to meet the WWEE team, observe WWEE in action, and develop a joint implementation plan for the whole of the WWEE activity until 2024. During the visit, the team discussed good practices and lessons learned from rollout in the Philippines that can be replicated, or even improved, in Semarang, Indonesia. (See *highlight box right for details*).

CCBO continued to identify and engage with potential partners to advance its efforts toward developing local, sustainable circular economies. Meetings and engagements included, but were not limited to, those with the **Association of Companies of Plastic Recyclables (ADUPI)**, which is interested in supporting CCBO's gender equality and women's economic empowerment objectives by mentoring women in waste in Semarang and Ambon cities on business development and in designing other related capacity building activities; **Urban Ocean**, which has worked with the local government to

FROM PHILIPPINES TO INDONESIA: KNOWLEDGE SHARING OF WWEE BEST PRACTICES FOR REPLICATION AND ENHANCEMENT

To advance WWEE's expansion to Indonesia, WWEE's Coordinator in Indonesia visited the WWEE team in the Philippines to exchange knowledge, share best practices, and discuss lessons learned from activities implemented in the Metro Manila. The WWEE coordinator participated in various activities in Manila: the design of a human-centered process for WWEE participants; conducting intake surveys BBEST trainings and graduate mentorship; and meetings with lead WWEE grantee, EWC, to discuss challenges and strategies in running BBEST and developing modules, which included recommendations on logistics and participant recruitment. The team also met with JHU's Coordinator in the Philippines to discuss how its Empowered Entrepreneur Training (EET) was developed and best practices for implementation. Finally, visits were held to local communities to get a first-hand view of training needs, some of which apply to Indonesia's context.

conduct a gap assessment and capacity building sessions to identify best opportunities for impact and data-driven, multipronged local approaches; **Dana Indonesia**, a prominent digital wallet company in the country; **ByFusion**, a US-based technology provider that is processing low value plastics into durable building blocks and is expanding operations in Indonesia and **Circulate Capital partner, POPSEA** (Polindo Utama and Bantam Materials) to discuss a partnership to support the organization’s collection center and aggregation center operations in Makassar and Semarang, respectively. CCBO is interested in providing assistance in the form of in-kind grants to aid in equipment procurement and technical assistance around facility planning and design—and, at the close of the quarter, was preparing to develop an MOU.

Finally, CCBO advanced four forthcoming grants through the pre-award process (see right), which were in the final stages of review and approval at the close of the quarter.

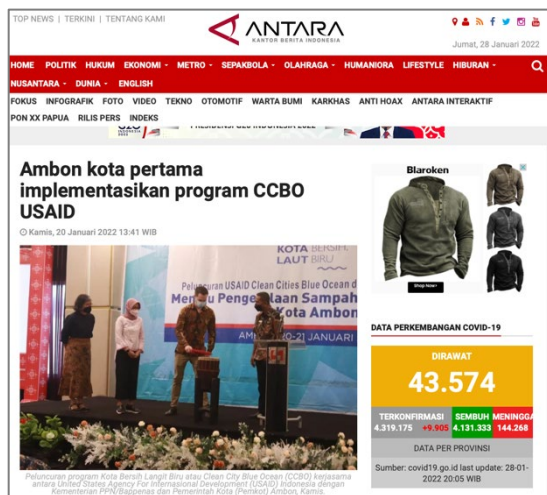
Upcoming Indonesia Grantees:

Kesejahteraan Keluarga Soegijapranata (YKKS) Foundation will support CCBO’s Women in Waste Economic Empowerment (WWEE) Activity in Indonesia, in collaboration with CCBO and Johns Hopkins University—including its basic and advanced training components, as well as coaching and mentoring to seed funding applicants.

Bina Karta Lestari (BINTARI) Foundation will carry out research to understand the municipal solid waste management (MSWM) systems, actors, and practices, which will inform an integrated MSWM plan to improve the capacity of six local, small material recover facilities (Tempat Pengolahan Sampah Reduce Reuse Recycle (TPS/3R)) or local waste banks.

Wasteforchange Alam Indonesia (Waste4change), in collaboration with **Yayasan Lestari Mulia (YSL)** will increase Makassar and Ambon cities’ waste management capacity by researching its existing conditions, systems, stakeholders, and value chains, which will inform new strategies for improved community-based management of TPS/3R and waste bank facilities, as well as improved local government participation in waste governance.

IN THE MEDIA



Antara

[Ambon is the first city to implement USAID's CCBO program \(in Bahasa Indonesia\)](#)



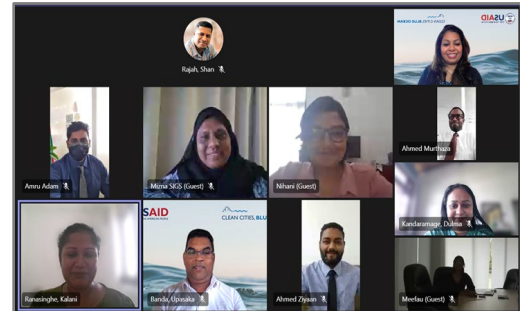
[Click to view.](#)



Sri Lanka and Maldives

COUNTRY COORDINATION

With official requests received from engagement sites in Sri Lanka in Q1, and a foundation laid in the Maldives with local officials, CCBO continued to coordination regularly with national and local government partners to advance technical objectives. In the **Maldives**, for example, CCBO met regularly with its national partner, the Ministry of Environment, Climate Change and Technology (MECCT), to provide progress and lessons learned from the program. During the quarterly progress review, CCBO consulted the ministry on conducting its SCIL assessment with engagement site partners and discussed an MOU signing. CCBO also presented its 2021 program achievements to the Maldives government in a meeting organized by the USAID Mission. It was attended by representatives from the Ministry of Foreign Affairs, Ministry of Finance, and Ministry of Environment. The Ministry of Foreign Affairs’ Multisectoral Secretary Dr. Hala Hameed and USAID Mission Director Reed Aeschliman, who commended CCBO’s work in the Maldives.



CCBO met regularly in Q2 with MECCT to brief the Ministry on program updates. Photo: Clean Cities, Blue Ocean

The program continued to meet regularly with the USAID/Sri Lanka Mission to provide activity updates. USAID’s Economic Growth Advisor, Mark Peters, visited the CCBO team to learn more about the progress of the program in Sri Lanka and the Maldives.

ADVANCING TECHNICAL OBJECTIVES

In Sri Lanka, CCBO built local capacity on SWM and planning by completing Q1-initiated SCIL assessments in both Jaffna and Galle. In Jaffna, the SCIL final assessment workshop was held in late January, attended by 16 participants from the local government. After completing the assessment process, results showed that although basic capacity is established, a considerable amount of effort will be required to improve the waste situation in Jaffna Municipal Council. CCBO discussed with the Chief Engineer and Chairman of the Health Standing Committee and SIG Members specific action plans to resolve gaps identified in the SCIL assessment. One recommendation was to develop council-initiated social enterprises (women’s groups) as an approach to reduce plastic and polythene usage, particularly to produce alternatives to disposable bags, while

ENHANCING SWM SYSTEMS BASED ON SCIL ASSESSMENT RESULTS:

To support **Galle** out of the SCIL assessment process, which scored in an area indicating low capacity, CCBO organized an Action Planning Workshop to address gaps found in the SCIL assessment and review performance scores in the areas of planning, policy and legal framework, finance management, human resource, service delivery, and community engagement. Twenty-eight participants attended the workshop, including the mayor, deputy mayor, deputy commissioner, and SCIL committee members. Out of the workshop, the Galle Municipal Council agreed to prioritize actions over the next two years for the development of 3R/SWM plans, internal policy and enforcement, capacity development training, SBC campaign, and in-kind grants.

supported by strict enforcement of local policies that limit plastic and polythene usage. **In Galle**, CCBO also met with members of the Galle Municipal Council—including the mayor, deputy mayor, 25 council members, and 15 additional officers, including heads of departments—to share the SCIL results. The meeting successfully opened the eyes the Council Members to the potential of the SCIL assessment, resulting in their willingness to support CCBO’s initiatives to strengthen the capacity of the Galle Municipal Council. From the final report, Galle Municipal Council identified seven priority activities for the next two years.

In parallel with capacity building support, CCBO also supported sites like Galle to review and make recommendations to improve city waste collection, as well as improve worker safety across the sites. In Galle, CCBO inspected waste dumping sites and other hotspots to review the city’s waste collection and day-to-day operations. The program also held a safety and security workshop for waste workers to highlight the importance of wearing safety kits when handling waste. CCBO provided waste workers, drivers, and supervisors engaged in Galle’s SWM activities with their own Personal Protective Equipment. The event was attended by 170 participants, including the mayor, deputy mayor, municipal councilors, commissioner, deputy commissioner, and senior officials. This workshop will also be conducted in other engagement sites in the next quarter.

CCBO was also invited to participate in a number of high-level events to provide technical recommendations on SWM-related matters. In

January, the program participated in a “Deposit Return Scheme” meeting of the Central Environment Authority (CEA) to provide inputs on the new strategy to collect PET bottles after use. The proposed scheme tracks all bottles sold and provides reimbursement for every bottle returned. CCBO participated in a discussion on how to link this model with a collect back extended producer responsibility (EPR) model that is being developed by CCBO grantees, the Ceylon Chamber of Commerce (CCC) and the Public Interest Law Foundation (PILF). A similar scheme is being implemented in Europe and has already achieved significant results in ten countries. CEA also invited CCBO in the National Stakeholder Consultation forum on EPR. During the meeting, CCC presented the proposed voluntary EPR model, which uses a “collect back” model, and legislative provisions to implement and regulate EPR were also discussed. CCBO was also the guest of honor in the launching of the *e-sabha* mobile application – an event organized by Help-O in collaboration with the Galle Provincial Council – which allows Galle citizens to lodge complaints or clarify matters related to municipal services (including waste management) provided by the local government. The ceremony was attended by high-level government delegation including the Commissioner of the Provincial Council and Local Government.

In the way of partnerships, CCBO met with potential private sector partners to support waste management systems in engagement sites. CCBO explored partnerships with **Zero Plastics**, a social enterprise whose mission is to create behavioral change among citizens to reduce plastic and build demand for plastic substitutes produced by local entrepreneurs, and **Child Fund**, an international NGO working for the development and protection of children, which is now expanding into



Galle’s dumping site (top) and open burning of waste (bottom). Photo: Clean Cities, Blue Ocean

climate change, creating potential overlap with CCBO’s activities. CCBO visited **Green Field Solutions** to assess a hotspot recommended by Galle’s Municipal Council to test a bio-gas unit. During the visit, CCBO inspected several places to see the type of waste generated at each location and recommended a business that may pilot the test unit. CCBO also met with **ACTED**, an international NGO that previously applied for a CCBO grant. CCBO is exploring opportunities to work with ACTED to support program gender equity and empowerment objectives.

ADVANCING TECHNICAL OBJECTIVES

In the Maldives, CCBO also worked to rollout a pilot of its SCIL and conducted important foundational research. In regard to the SCIL, CCBO discussed rollout with the MECCT, which recommended that Waste Management Corporation Limited (WAMCO) to be the prime institution involved in the SCIL assessment survey. CCBO will meet with WAMCO to introduce the SCIL assessment tool and survey in Q3. The program also mapped relevant actors, geographic boundaries, and levels of authorities in Maldives involved in the waste sector to increase its ability to build strong government relations.

In Q2, CCBO’s grantees also continued to advance the program’s technical objectives. Throughout the quarter, CCBO’s team provided technical and capacity building support to the grantees as they implemented their projects, ensuring their success and organizational growth. **Human and Environment Links Progressive Organization’s (HELP-O)** and **Idea Factory’s** continued to move through pre-award. Meanwhile, highlights of current grantee activities included:

- **In Sri Lanka, the Ceylon Chamber of Commerce (CCC) continued to advance its project to increase plastic collection and recycling** (with a focus on polyethylene terephthalate (PET) and high impact polystyrene (HIPS) packaging) **through voluntary extended producer responsibility (EPR).** It visited key recyclers/collectors – Eco Spindles, Modern pack, and Zero Trash – to develop a verification system for EPR on plastic waste in Sri Lanka. The group also conducted a pricing analysis to determine the pricing gap and quantity of PET and HIPS bottles expected to be collected as prices increase. The Chamber presented a comprehensive overview of the voluntary EPR model to the PET and HIPS consortium, as well as the process in operationalizing it. CCC held a training of trainers to introduce a capacity building

Grantee Highlight:
Soneva Namoon
Identifying sustainable 3R/SWM model for island communities in the Maldives

Soneva Namoon is establishing an ‘Eco Centro’ waste-to-wealth waste management centers that will sort, recycle and reuse island waste, and to end the open burning of waste, which poses a health and environmental hazard and also damages local tourism. It conducted Trials of Improved Practices (TIPs) in the islands of Kendhoo, Kudarikilu, Kamadhoo, and Dhonfanu to see what behaviors or policies should be promoted. The participants shared:

“I’m thinking of stitching bags from fabric for each type of waste with labels on them and hang on a wall where it is easy for everyone to excess.” - Interviewee from Dhonfanu

“We found this method the best way to manage waste, as it would prevent burning of plastic and other waste in general.” - Interviewee from Kendhoo

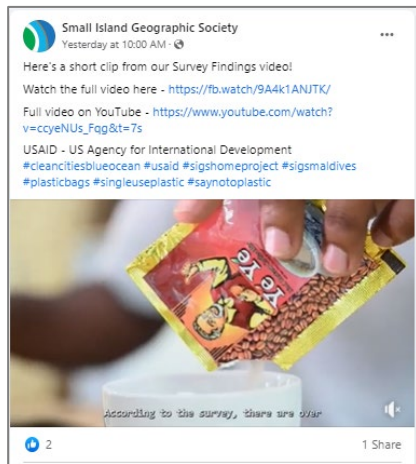
The report recommended the following: 1) waste segregation should be the first focus in removing plastics from the waste stream, especially from burning; 2) waste management in islands can be most effective when household segregation is matched with waste management capacity and strategies of IWCs; 3) reduction should be the next step (i.e., nappies are a large part of plastic produced in the community. Information can be provided to households on sustainable alternatives and encourage them to use these alternatives); and 4) the unique characteristics of island communities need to be considered in developing waste management strategies.

toolkit for collectors/recyclers of the Central Environment Authority (CEA) and the Western Province Waste Management Authority (WPWMA). The training will be rolled out in Colombo, Kalutara, and Gampaha Districts in Q3.

- **Also in Sri Lanka, the Public Interest Law Foundation (PILF) continued to provide support to national-level efforts to implement a voluntary EPR scheme.** PILF submitted the Literature Survey Report to the Ministries of Environment and Local Government, as well as CEA, and will discuss way forward with the agencies. It also received a letter of concurrence from the Ministry of Environment on January 18.
- **Newly awarded grantee, Island Climate Initiative (ICI), has started work to reduce the single-use plastic footprint of Fast Moving Consumer Good companies.** ICI will deploy a Challenge Platform to source and pilot innovations that tackle the company's specific problems related to single-use plastic. In Q2, it has begun initial stages of the project, which involved development of research and synthesis reports.
- **Another newly awarded grantee, Janathakshan, has started working the local and national authorities to design and launch three plastic recovery centers in Kaduwela Municipal Council.** These recovery facilities will bridge the gap between unmet market demand for cleaned, recyclable plastics with the informal waste collector workforce who are unable to meet the demand for greater quantities and higher quality of the plastic material. At the recovery facilities, informal waste collectors will be able to sell their plastics at fair market value to be sorted, cleaned, and baled or crushed for sale to commercial recyclers who will sign offtake agreements with the centers.
- **In the Maldives, Soneva Namoon (SN) completed Trials of Improved Practices (TIPS) to determine the SWM-related behavior and policies it should promote in the islands of Kendhoo, Kudarikilu, Kamadhoo and Dhonfanu (see right for details).** It organized a waste collection activity (for both recyclable and non-recyclable materials) in seven islands, including the four islands under the CCBO program. Recyclables were sent to Secure Bag and Parley Maldives, two recycling companies. On March 8, SN celebrated International Women's Day at Kihaadhoo and the Women's Development Committees of CCBO's project islands took part in the program. They boarded the waste collection dhoni to Kohaadhoo to see how the women in Kihaadhoo manage all the waste themselves. Dhoni carried recyclables and non-recyclables from seven islands including Kamadhoo, Kudarikilu, Kendhoo and Dhonfanu. SN also facilitated capacity building activities at the Zero Waste Champion workshops on March 19 and 23 at Kamadhoo and Dhonfanu to promote waste segregation among the youth for they play a significant role in encouraging such activity in their own homes.
- **Also in the Maldives, the Small Island Geographic Society (SIGS) continued its research on household behaviors and in identifying and promoting solutions toward reduced single-use plastic consumption and plastic-free living.** SIGS continued its "Transformation Journey" with 12 participating households, having analyzed results from a waste audit of households and prepare to trial alternative behaviors with them. The waste audit revealed a total of 2,199 kg of plastics consumed by households and that diapers contribute to more than 50% of plastic waste in households with babies. During the waste audit, all households described

the segregation process as a very different experience for them. Two households will continue to segregate. One household reported that their daughter was very enthusiastic and washed all dry waste well but would be difficult to do all the time. All households were willing to try alternatives for toothbrushes, cling wrap, plastic cleaning brushes, and reusable bags. Alternatives to reusable diapers and menstrual products were met with more reservation. SIGS facilitated an information session for parents and caregivers on reusable diapers to encourage their use and support emerging social enterprises introducing these kinds of alternative products in the local market. During the quarter, SIGS also expanded its social media reach by launching new, interactive campaigns like quizzes. Their followers have also submitted stories about their businesses stepping up to reduce single use plastics. Some have switched to using cardboard egg cartons and paper shopping bags. Visit [SIGS' HOME portal](#) to learn more about a customer's experience with a local grocery shop in Hulhumale.

IN THE MEDIA



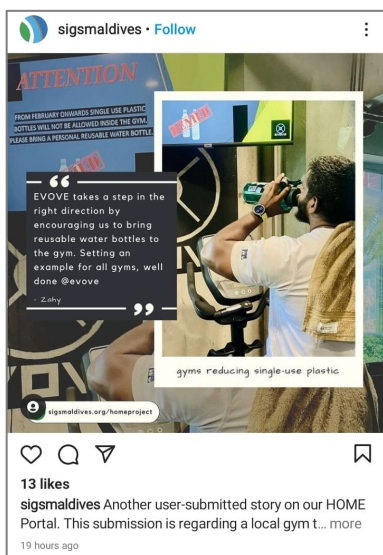
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The Philippines

COUNTRY COORDINATION

CCBO continued implementation through direct technical assistance and its grants program, with frequent coordination with its national and local government partners. CCBO continued to engage regularly with its local government engagement site partners, as well as formalized their partnership with Iloilo City through an MOU, signed in late February. CCBO also adjusted its projected engagement sites as Las Piñas City and Batangas City declined to formalize partnerships with the program due to, in one case, limited resources, and in the other, a proliferation of efforts already underway in the city. With these changes, CCBO moved to transition Puerto Princesa City into a full engagement site, given its ongoing success with its local grantee, the willingness and engagement of the local city government, and the potential for success that has been witnessed over the last months.

The program continued to meet regularly with the USAID/Philippines Mission to provide activity updates and collaborate on relevant activities. Most notably, the program worked closely with the Mission to discuss and begin planning an anticipated “buy-in” to the program, which would provide additional funding for activities in the Philippines, as well as extend CCBO’s geographic scope to select Pacific Islands. USAID/Philippines also participated in several field visits and training sessions that were held in March, supported by members of CCBO’s US team, *as detailed below.*

ADVANCING TECHNICAL OBJECTIVES

In its engagement sites, CCBO continued to build capacity for the development of and strengthen the implementation of local solid waste management plans—including through its Solid Waste Management Capacity Index for Local Governments (SCIL), which was launched in two new cities. With MOUs now in place, CCBO was able to proceed in rolling out the SCIL in the Metro Manila cities of **Iloilo and Pasig**—bringing the total number of sites where SCIL has been piloted to three. Parañaque was initiated previously in the program and the has completed their SCIL report (one of the final stages in the assessment process).

At the close of Q2, CCBO international technical experts traveled to the Philippines to conduct in-person capacity building sessions with partners and provide technical guidance based on real-time site visits in each of the program’s engagement sites. “Good Practice Technical Sessions” for local government partners and grantees were delivered in the cities of Parañaque, Iloilo, and Puerto Princesa, with modules on collection,



CCBO’s team of local and international experts visited the Parañaque City MRF with CENRO and grantee CORA to provide technical guidance and advance plans to optimize the facility’s operations. Photo: Giulia Sorial/Clean Cities, Blue Ocean

routing, landfill operation and design, material recovery facilities, and health and safety. Across the cities, the team also visited sanitary landfills, dumpsites, and MRFs to observe current operations, equipment, and construction, share best practices, and provide recommendations for their improvement and optimization. Some highlights of these technical assistance visits included:

- In **Parañaque City**, the program provided guidance to and advanced the city’s Action Plan for its Materials Recovery Facility (MRF) Sorting Line and prepared a supporting market survey, with inputs from the Parañaque City Environment and Natural Resources Office (CENRO) and grantee CORA. At the outset of Q3, CCBO will host partner, the Alliance to End Plastic Waste, at the MRF as a potential investor in the sorting line project. Prior to the trip, CCBO also facilitated efforts to improve the city’s access to solid waste equipment by coordinating with the U.S. Environmental Protection Agency, which will procure equipment to be donated to six barangays in the city. CCBO conducted a scoping mission to determine the six barangays with greatest need and developed a list of SWM/3R equipment suppliers to be considered in the open and competitive procurement process.
- In **Puerto Princesa City**, in addition to the Good Practice sessions, noted above, CCBO also visited the city’s landfill and provided recommendations to the local government on how to remediate and optimize the site. The program also worked closely with grantee, Project Zacchaeus, to participate in milestone grant events (detailed below) as well as provide targeted training and technical guidance on upcoming activities, such as the organization’s build out of a Consolidation (aggregation and sorting) Center, where local Eco-Warriors will work more safely and efficiently.
- In **Iloilo**, a Good Practice Technical Session on Sanitary Landfill and MRFs was conducted as well as a site visit to the city’s MRF, landfill, and privately-operated Iloilo City Medical Waste Treatment Facility to observe current operations, equipment, and share suggestions with the CENRO on how to improve its sanitary landfill and set the area up for extracting methane gas.

During these visits, CCBO’s Monitoring, Evaluation, and Learning and Communications and Outreach teams also visited with local government, grantee, and other partners to gather information, conduct midterm grant reviews, and hold a series of video interviews with program participants. The team’s visit extended into the first week of Q3, where additional sites such as Batangas were visited.

CCBO also continued to make technical progress toward gender equality and women’s economic empowerment, namely through its

Women in Waste’s Economic Empowerment (WWEE) Activity, which has now trained three cohorts of women in its Basic Business and Empowerment Skills Training (BBEST). In Q2, 40 women (19 “eco-collectors” from Parañaque City and 21 informal waste collectors from Tondo, Manila) graduated from BBEST. Of these graduates, three from the first cohort, including a group of informal waste collectors who want to set up door-to-door collection business in Barangay Pinyahan, Quezon City, were assessed to determine their readiness (through the “mentee readiness test”) to advance to the next stages of the activity—business plan development and pitching for funding. WWEE conducted its first mentoring session for one woman selected from the first cohort who aims to set up a junkshop.

In parallel, the activity worked to optimize and ensure its approach reflects participant needs. Coaching sessions were held with BBEST trainers from CCBO’s partner grantee, EcoWaste Coalition (EWC), to

enhance training delivery skills, especially on gender empowerment, gender based violence, and business coaching. WWEE and EWC also visited a BBEST participant community to ensure the mentee readiness test is applicable and relatable in supporting proposed businesses. CCBO continued to explore opportunities for its BBEST graduates, including for example, exploring if LGUs may agree to make BBEST graduating women junkshop owners accredited and official barangay service providers.

WWEE also celebrated two partnership achievements. One, the signing of an MOU with **TESDA** to formalize the organization’s pledged commitments to support the sustainability of the activity; and two, preparations for a tripartite agreement between CCBO, **Coca-Cola Foundation Philippines**, and **WWF-Philippines**, to be signed at the outset of Q3. Through the partnership, Coca-Cola will provide funding to support WWEE’s mentorship and blended financing component, which will be implemented in part by WWF, further enabling women to transform their waste business ideas into start-ups, expanded enterprises, or franchised operations. With these partnerships in place, WWEE held a Partner’s Implementation Workshop with representatives from EWC, WWF-Philippines, and Coca-Cola Foundation Philippines to deepen their understanding of their roles, identify points of collaboration and convergence, and align specific objectives to the overall goal of the program.

Other program efforts to advance sector gender equality included support to engagement site LGUs to build their related capacity and empower women waste collectors. CCBO held four batches of gender empowerment trainings with a total of 80 of Pasig City’s “Eco Collectors; “both women and men who perform waste collection in the city through formal employment. The Collectors received a salary increase from the city government at the start of the year—a step toward ensuring decent livelihoods and living wage jobs for these essential workers, although

Grantee Highlight: PZC

Project Eko-Kolek

PZC experienced both great challenges and successes in the quarter, as Typhoon Odette devastated parts of Puerto Princesa and Barangay Bancao Bancao, where the Eco-Warriors live and work, pausing grant operations at the start of the quarter. Out of the tragedy came opportunity for PZC to pivot their efforts toward recovery. The Eco-Warriors volunteered in the city government’s Clean-Up Drive, outfitted in their USAID-supported uniforms (*see social media highlights*). As residents saw the Eco-Warriors at work, stigma toward the collectors and their community began to further change, with Eco-Warriors increasingly met with respect, admiration, and gratitude for the roles that they play in keeping the city clean and safe. During CCBO’s field visit to the Eco-Warriors, these sentiments resounded. Mothers shared that their once ashamed children now report with pride at school about their parent’s work as Eco-Warriors. Several other women shared that while their dreams of a career were dashed early in life due to marital or childcare challenges, they now feel they are getting a second chance at establishing a career that they can be proud of and sustained by.



Eco-Warriors help clear streets from Typhoon Odette. Photo: Project Zachaeus for Clean Cities, Blue Ocean

there is more progress to be made. CCBO-delivered trainings included gender stereotyping, discrimination, and gender-based violence, and was done in collaboration with the Pasig CENRO and Solid Waste Management Office (SWMO).

Across its workstreams and the country, CCBO continued to engage with potential partners and other organizations working to stop the flow of ocean plastics, including the Korea International Cooperation Agency (KOICA) and the Department of Environment and Natural Resources (DENR) on a Manila Bay project called “Enhancement of Marine Litter in Manila Bay,” Circulate Capital, the Alliance to End Plastic Waste, and private sector company Sentinel to explore collaborative ideas, including support of post-consumer upcycled products and the logistics for the collection, aggregation, and processing of recyclables.

CCBO’s grantee partners also advanced the program’s technical objectives in Q2. Throughout the quarter, CCBO’s team provided technical and capacity building support to the grantees as they implemented their projects, ensuring their success and organizational growth. CCBO also advanced forthcoming grants through the pre-award process.² (See Annex IV for a complete overview of grantee project overviews, timelines, and budgets.) Highlights of current grantee activities included:

- **In Puerto Princesa City, Project Zacchaeus (PZC) continued to improve the livelihoods, resources available to, and health and safety informal waste collectors as “Eco-Warriors,” to ultimately strengthen city SWM services.** During the quarter, the local Eco-Warriors continued their training journeys, with additional trainings delivered by the CCO Philippines team on SWM principles, proper waste handling techniques, plastics and their management, social and behavior change, and the Philippines’ Republic Act 9003 (Ecological Solid Waste Management Act of 2000) for select trainees. PZC prepared for CCBO’s procurement of the Eco-Warriors new waste collection vehicles by collaborating with the local government to obtain drivers licenses for Eco-Warriors that would be operating the vehicles—an opportunity that otherwise would be very hard to come by for the trainees. PZC also organized a vehicle maintenance training for the Eco Warriors, conducted by TESDA, and obtained an insurance policy. CCBO facilitated discussions between grantee Project Zacchaeus (PZC), CENRO, and the City Traffic to establish a new, optimized collection and routing schedule that will make the best use of the vehicles and improve city waste collection services. CCBO also presented examples of how it is optimizing collection routes in Peru for the team, which proved a great learning



CCBO turned over waste collection vehicles to the Eco-Warriors to help increase the amount of waste they can collect and reduce the need for them to patrol neighborhoods by foot. In the photo are CCBO Chief of Party Jon Angin and Embassy Charge d’ Affaires Heather Variava turning over the ceremonial key to President of the Eco Warriors, Lydia Casiano, assisted by PZC Founder and Project Director, John Gastanes. Photo: Giulia Soria/Clean Cities, Blue Ocean

² CCBO is working to finalize its pre-award process with Philippine League of Local Environment and Natural Resources Officers (PLENRO), Pure Oceans, Central Philippines University, and Associated Resources for Management and Development (ARMDEV).

experience. At the close of the quarter, eight vehicles (1 multicab, 2 motorcycles with sidecars, and 5 bicycles with sidecars) were turned over by the United States Embassy’s Charge d’ Affaires at a celebratory event—held the same day as a groundbreaking ceremony for a new, local waste aggregation facility that will be built in the barangay, another critical step in transforming local waste collection in the city and provide a safer, more sustainable environment for the frontline workers.

- **In Manila City, Plastic Credit Exchange (PCX) continued to expand and enhance the efficiency of its Aling Tindera (waste-to cash) network, with the addition of one more station.** The model enables local, women-owned sari sari stores to build their service offerings and economic opportunities as “waste-to-cash” providers, become partners in building a local circular economy, and provide a new source of income to community members—while collecting and putting low-value plastics and other material back into the circular economy. PCX deployed its seventh CCBO-supported Aling Tindera station (of ten), while continuing to search for the remaining deployment sites. PCX carried out regular hauling activities, with USAID-supported Aling Lorma and Aling Socorro once again placing among the top collectors in the network. During CCBO’s field visit, the teams met to discuss operational challenges, such as collection routing, schedules, and materials pricing, and potential solutions.



In Q2, CCBO’s US Team visited USAID-supported Aling Tindera stations. In the photo is Aling Socorro, consistently one of PCX’s top haulers, using the redesigned baler provided to her by CCBO. Photo: Giulia Sorial/Clean Cities, Blue Ocean

- **In Pasig City, Green Antz Builders, Inc. launched their “EcoHub” pilot—a cost-effective community resource model to promote sustainable 3R/SWM practices and create a community-level waste management plan—with a groundbreaking ceremony in Barangay Manggahan.** Prior to the ceremony, barangay officials approved the facility layout and plans for the hub, which will provide on-site solutions for composting and upcycling of plastics and other materials.

- **In Parañaque City, Communities Organized for Resource Allocation (CORA) continued to finalize its business model, operations manual, and training plan to launch its Circular Center—a comprehensive, replicable model for effective SWM that will build on existing local government systems and infrastructure.** During this quarter, its Circular Center Women Champions underwent trainings facilitated by CCBO on gender empowerment, health and safety, waste classification, and basic skills for researchers. They visited a model zero waste barangay, Portrero, and the Sentinel Plastics Manufacturing Plant to learn more about plastics recycling. CCBO guided CORA in its formative research design for social and behavior change through a virtual workshop. CORA also met with Philippine Alliance for Recycling Materials Sustainability (PARMS) to discuss collaborations in the MRF and Circular Center Plans in Parañaque City.



To celebrate Women's Month and the International Waste Pickers Day, EWC hosted an online forum on *Green Ants: Celebrating Women Waste Pickers from CCBO's WWEE in the Philippines. They shared their stories of struggles, success, and challenges in their barangays* in Cebu, Iloilo, and Batangas. The event featured a panel discussion with representatives of the Metropolitan Manila Development Authority, and Department of Public Works. Photo: Giulia Social/Clean Cities, Blue Ocean

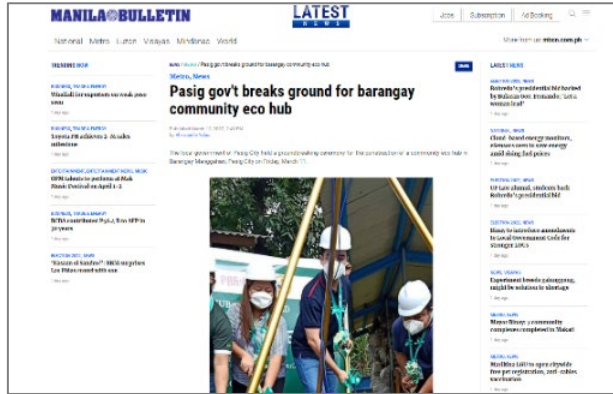
- **EcoWaste Coalition (EWC) continued to deliver BBEST trainings and assess and recommend graduates to progress to mentoring and business plan development. During the quarter, the organization also held a virtual event for women waste collectors in celebration of both International Women's and International Waste Collector's Day.** Over the quarter, EWC held BBEST trainings in the cities of Parañaque and Tondo, attended by 19 women waste workers from CENRO and 21 informal waste collectors, respectively. To enhance their training delivery and skills, EWC regularly underwent coaching sessions from CCBO and John Hopkins University (JHU), and EWC assessed the mentee readiness of graduates from the BBEST cohorts. During this period, an MOU between EWC and the Quezon City LGU was drafted, which (when formalized) will ensure continuous support and sustainability of the WWEE activity even after CCBO ends.
- **CCBO awarded a grant to WWF-Philippines in the quarter to establish a participatory and value-driven barangay waste management system model and mentor BBEST graduates who wish to start or enhance their waste-related businesses.** WWF-Philippines will develop and present the model to Barangay Calicanto, to be expanded to other barangays in Batangas City and the national network of the WWF No Plastic in Nature Initiative. The proposed activities will engage youth groups who are actively engaged in addressing societal and environmental issues; women's groups focused on community-driven development programs; and informal waste collectors who are recovering plastics.

IN THE MEDIA



Medium/USAID

[Eco-Warriors: From Waste Collectors to Community Leaders](#)



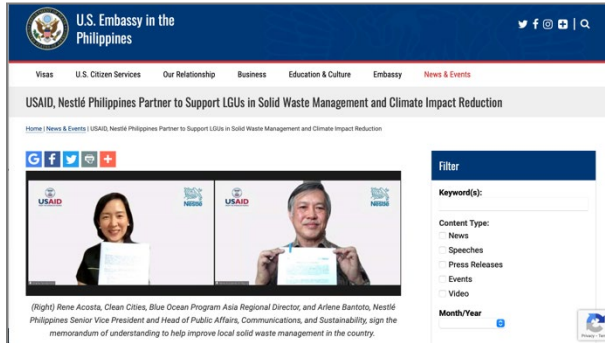
Manila Bulletin

[USAID, Green Antz, Pasig City LGU break ground for Community EcoHub to reduce ocean plastic waste](#)



US Embassy (Philippines)

[U.S. provides waste collection vehicles to improve Puerto Princesa City waste management](#)



Business World (Philippines)

[USAID, Nestlé PHL in climate change, waste management partnership](#)



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Plastic Credit Exchange
15 February at 10:52

Let's give it up for our Aling Tinders who have collected a total of 9,337 kg of plastic waste for the months of December and January. Congratulations to Aling Socorro, Aling Ligaya, and Aling Baby for making it to the Top 5! Let's continue to support them as we all work towards a cleaner environment. 🙌

#cleancitiesblueocean #plasticwaste #wastemanagement #AlingTindera

Aling Tindera
LEADERBOARD
DECEMBER 2021 - JANUARY 2022

1	USAID	Brgy 310 - Aling Socorro Brgy Chairman Roland Gacula	5,545 kg
2	USAID	Brgy 830- Aling Ligaya Brgy Chairman Efen Medina	959 kg
3	USAID	Brgy 311 - Aling Baby Brgy Chairman Randy Guillero	910 kg
4	USAID	Brgy 702 - Aling Rosa Brgy Chairman Nelia Nepomuceno	581 kg
5	USAID	Brgy 598 - Aling Lorme Brgy Chairman Paulito Lina	569 kg

PLASTIC CREDIT EXCHANGE

1 share

[Click to view.](#)

Project Zacchaeus
March 29 at 2:46 PM

Our mentors in action. ❤️

Mitchell Acosta Gimena is at Project Zacchaeus.
March 29 at 7:36 AM · Puerto Princesa

"Serving is the best kind of Leading."

In the photo are two of **Project Zacchaeus** mentors from **USAID Clean Cities Blue Ocean**, Cathy & Set. They braved the bad weather to visit our waste picker's community in Jacana to conduct focused group discussions with our Eco-Warriors.

This is commitment in action! Our team at PZC is honored to be honed by such passionate people who are selfless as they go the extra mile to ensure that we function at our best state.

Our team follows such a great example of love for communities, and with that, we cannot help but give our best shot in this once-in-a-lifetime chance to serve with them on groups that are rarely appreciated and valued.

Thank you **USAID** for your trust in pursuing such a great vision with us for the Eco-Warriors and the oceans.

#projectzacchaeus #ecokolek #ccbo #USAID



Vietnam

COUNTRY COORDINATION

CCBO continued building its relationships with the national government and local governments in each of its engagement sites, notably by working to gain the remaining necessary approvals to begin full implementation of its technical assistance and grants program. **Notably, the program successfully signed MOUs with three of its four engagement sites (Phu Quoc, Hue, and Da Nang)³ and, on January 12, CCBO held a successful hybrid (in-person and virtual) launch event with its national and local government partners—attended by 150 participants from the national and local government** (including leaders and officials from CCBO’s four engagement sites), USAID Mission and Embassy, international organizations and NGOs, and businesses and waste management experts. The event featured commitments from the national focal agency, the Vietnam Administration of Seas and Islands (VASI) and the Ministry of Natural Resources and Environment (MONRE), as well as the four focal engagement cities who pledged to support the CCBO program at the local level. CCBO grantees from other countries in the region introduced their projects and shared their knowledge and lessons learned to the new CCBO Vietnam grantees.

Throughout the quarter, CCBO coordinated with national focal agency and partner, VASI, to align workplans and develop key activities for implementation under the CCBO-VASI Cooperation Framework, which was announced at the launch event. Discussions included topics such as collaboration around the development of guidelines for the Vietnam Marine Litter Assessment. CCBO also worked with the Department of Pollution Control and Department of Municipal Solid Waste Management – Vietnam Environment Administration to identify potential SWM sites in the country that are demonstrating best practices and could be featured in upcoming CCBO virtual tour videos.

ADVANCING TECHNICAL OBJECTIVES

With MOUs signed and the formal launch event held, CCBO began fully extending technical assistance to its sites—including by rolling out the program’s Solid Waste Capacity Index for Local Governments (SCIL) assessment in Hue City. Over the quarter, CCBO supported its local government partners in Hue to conduct the SCIL assessment. Meetings were held with relevant agencies under the city’s People’s Committee and Department of Natural Resources and Environment (DONRE) to complete and score the SCIL’s six components. As part of the assessment, CCBO also verified collected information by visiting the city’s waste collection and treatment facilities to conduct an SWM survey and identify gaps and opportunities to improve the city’s SWM system.

³ In Q2, CCBO continued to work with local governments in engagement sites to receive approval to implement program activities. In Da Nang City, the city chairman has approved the city’s participation in the CCBO Program after the endorsement of the People’s Committee. In Phu Quoc, the Kien Gian Provincial People’s Committee issued a letter of endorsement to implement CCBO in Phu Quoc City. Meanwhile, CCBO continues to work with the Natural Resources and Environment Division in Bien Hoa City to receive its Letter of Endorsement to implement in the city.

The assessment revealed an overall score of 61%, indicating that Hue City has more than a basic capacity to ensure a sound and efficient 3R/SWM system, but would benefit from capacity building in the areas of accounting, budget implementation, enforcement, and 3R/SWM plan sustainability. Assessment results were presented to the local government, which then selected five priority areas for their 3R/SWM improvement. Meanwhile in **Phu Quoc City**, CCBO began working with the DONRE of Kien Giang Province to coordinate the rollout of the SCIL and municipal solid waste assessments next quarter.

CCBO also offered technical assistance to its engagement sites partners in reviewing and strengthening SWM plans, developing guidelines for upcoming waste analysis and characterization studies (WACS) that will be conducted by incoming grantees, and identifying areas where program in-kind grants could bolster their local systems. In **Hue City**, for example, CCBO worked with local authorities to get further information on Thuy Phuong landfill and explore potential technical assistance to address the site's challenges and primary leakage points. As part of this, CCBO developed a Compliance Gap Analysis and completed a draft of Rapid Assessment Report and reviewed local solid waste management planning for the city. In **Bien Hoa** and **Phu Quoc Cities**, CCBO finalized WACS guidelines that will be used by grantees to conduct waste audits and, simultaneously, build their organizational capacity while doing so. CCBO also introduced the in-kind grant process to **Da Nang City** and Hue City to identify potential equipment/service needs of the local government. At the close of the quarter, both cities were in the process of submitting expressions of interest to CCBO.



Meeting on SCIL Assessment at Hue DONRE
Photo: Clean Cities, Blue Ocean



Doing a survey in a local junk shop.
Photo: Clean Cities, Blue Ocean

To advance its gender equity and solid waste management planning objectives, CCBO developed a gender training manual for grantees and CCBO staff on **Gender Mainstreaming**, which includes the **gender legal framework in Vietnam and addresses gender-based violence**.

Finally, CCBO continued to explore partnerships with private organizations to support local governments and grantees in improving waste management in their respective cities. Notable engagements included those with the **Alliance to End Plastic Waste (AEPW)** to learn about their initiatives in Vietnam and explore opportunities to collaborate; the **Viet Nam Business Council for Sustainable Development** to explore potential collaboration with its projects, *Zero Waste to Nature Initiative* and *Material Marketplace*; the **Falk Foundation** to explore collaborations on upstream solutions; the **Vietnam National Plastic Action Partnership (NPAP)** to explore partnerships in some aligned areas, which includes building gender strategies in the plastic waste value chain as well as collaborating with NPAP through project grants; and **WWF Plastic Smart Cities**, which expressed interest in wanting to learn from CCBO's Monitoring, Evaluation and Learning and solid waste management activities and expertise.

CCBO continued to await full approvals of its awarded grants (see highlight box) to begin implementation. Grantees participated in CCBO-led orientations on USAID's FAA Regulation, Branding and Marking, Project Management, and MEL—as well as a three-hour online training session on SBC. The session covered CCBO's SBC approach, the importance of formative research on evidence-based SBC strategy, review of Formative Research methods and sampling, and an introduction to Trial Improved Practices. Within the quarter, CCBO conducted a series of consultative meetings with grantees to identify opportunities to engage private sector stakeholders and provide grantees with related technical assistance. Prospective grantees Greenjoy and Ham Long progress through the pre-award stage and are expected to be awarded in Q3.

IN THE MEDIA

Awarded Vietnam Grantees:

Asian Society for Social Improvement and Sustainable Transformation (ASSIST), in partnership with Evergreen Labs, seeks to create an innovative public-private partnership scheme in Da Nang City that integrates informal waste collectors into municipal waste operations at selected community material recovery facilities, transfer stations, public collection points (schools, government offices) or at the landfill.

Environment and Development Action (ENDA) will pilot a model establishing a waste collectors' cooperative in Bien Hoa City to formalize their role, improve their income, and ensure their inclusion in the government's social protection provision while also supporting the local government in improving its waste management services, particularly strengthening regulations and policies that support sustainable 3R/SWM practices.

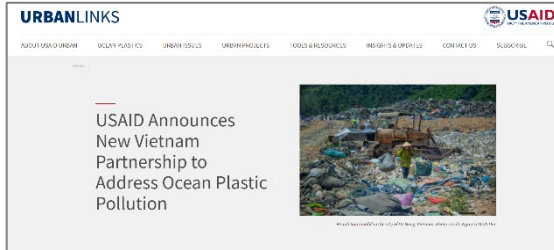
Center for Environment and Community Assets Development (CECAD) will implement a two phased grant in Phu Quoc City, with the first phase focused on research, establishing partnerships, understanding the value-chain, leverage points for integrating into local social-economic development plan and developing a community-led solid waste management system design that would then be tested in Phase 2. CECAD will focus on recovery of high- and low-value plastics as well as organic materials which make up a significant portion of the waste stream.

International Development Enterprises (iDE) will facilitate behavior change around women's contribution to waste collection, create favorable conditions for private and municipal value chain investment in infrastructure improvements, and facilitate operations of a value-added waste processing facility in Hue City.



Vietnam Communist Party Newspaper
[Pilot to reduce ocean plastics in 4 cities of Vietnam](#)

Thua Thien Hue Newspaper
[Launching the "Clean City - Blue Ocean" Program](#)



UrbanLinks
[USAID Announces New Vietnam Partnership to Address Ocean Plastic Pollution](#)



[Click to view.](#)



[Click to view.](#)

4. Management and Operations

4.1 Contract Management and Procurement

CCBO's leadership coordinated regularly with its USAID Contract Office Representative (COR), Contracting Officer (CO), and other relevant USAID counterparts to discuss topics including, but not limited to, program strategy, progress and next steps, and to review key deliverables (detailed in Annex

III). Throughout the quarter, CCBO and USAID’s management teams held bi-weekly management meetings to review these and other pressing items, enabling real-time decision making and ensuring seamless coordination. The team continued to adhere to regular contractual operations and reporting requirements, including those relating to environmental compliance.

A large focus of CCBO’s management and operations team was working with the team to complete ongoing and final recruiting efforts to flesh out the global team, with a large number of hires finalized in the quarter (detailed in Section 5.2), as well as support to coordinate upcoming additional funds coming to the program from Norad, as well as USAID/Philippines. CCBO also executed several subcontracts to support programmatic activities. Over the last quarter, CCBO executed a fixed price subcontract with Crowe LLP to develop a Cost of Service Guide, which will complement the Q1-approved Funding Options Report and will support CCBO engagement sites to estimate the cost of their SWM systems. The final report and tool should be completed in Q3. Additionally, CCBO released an RFP for a firm to support the program in developing a revised private sector engagement strategy, which is anticipated to be awarded in the next quarter. Lastly, CCBO executed a subcontract modification with Johns Hopkins University to extend their period of performance and enter Phase II of their work with the WWEE program in the Philippines, which will extend their support through to the closure of WWEE under CCBO.

4.2 Organization and Staffing

CCBO recruited and onboarded a significant number of staff members to complete the program’s complement of technical and operational experts, with a focus on building out CCBO’s long-term field teams. In Q2 of FY22, the program completed recruitment for and successfully onboarded fifteen long-term employees. CCBO will enter Q3 with eleven long-term staff vacancies.

A summary of CCBO’s staffing and recruitment activities is provided below. The CCBO management team will continue discussing the optimal staffing footprint to respond to emerging windows of opportunity across its focal countries.

Table 1. CCBO Field Staff Onboarded and Recruited⁴

Position	Date Joined/Expected
Onboarded in Q2	
Vietnam - Country Director (backfilling vacancy)	January 4
Vietnam - Program and Administration Specialist	January 4
Vietnam - Asia Regional Engagement Manager	January 4
Sri Lanka - Administration Specialist	January 4
Sri Lanka - Governance Manager	January 4
Philippines - Communication Specialist (Regional)	January 10
Philippines - Program Specialist	January 10
Philippines - Administrative and Finance Specialist	January 20
Philippines - Procurement and Contracts Specialist	January 24

⁴ Onboarding dates are subject to change and dependent on completion of hiring processes.

Position	Date Joined/Expected
Indonesia - Administration Specialist	January 24
Peru - Admin Specialist	February 9
Peru - MEL Specialist (backfilling vacancy)	February 9
Indonesia - GIA Program Coordinator	March 14
US - Operations Manager (remote)	March 21
Peru - Junior Solid Waste Specialist	March 31
Projected for Q3	
US - HR & Admin Specialist (backfilling vacancy)	Anticipated in April
US - Grants Manager (backfilling vacancy)	Anticipated in May
Philippines - Grants Specialist (backfilling vacancy)	
Philippines - Country Director	Anticipated in June
US - Communications and Outreach Specialist	
US - Webinar and Virtual Training Specialist	
Philippines - MEL Specialist	
Peru – Administrative Specialist (backfilling vacancy)	
Peru – SBC Specialist	
Indonesia – SBC Specialist	
Maldives - Liaison Officer	

4.3 Monitoring, Evaluation, and Learning (MEL)

In Q2, CCBO’s Q1-revised and updated MEL plan was approved by USAID. The main changes in this updated MEL plan included adjusted indicators, definitions, methodologies, and targets to reflect implementation experiences and current/anticipated program work plans. The plan also included a new data management plan (DMP) section, as required by the July 2020 update in ADS 579, which details the information that CCBO intends on submitting to DDL. With its newly approved MEL Plan, CCBO continued to work to meet its targets, as well as update indicator actuals (through this quarterly report) to reflect updated monitoring methodologies.

With the Data Management and Grants specialist now on the team, the MEL Portal for via Salesforce was refined and operationalized for the MEL specialists to enter all indicator data and backup documentation for streamlined reporting. During the quarter, guidance documents and discussions were held between the MEL team for operationalizing the regular use and update of the platform. Adaptive management of the platform will continue with the support of the Technology 4 Development team and continuous input from the country MEL Specialists.

Monitoring and Building Capacity in CCBO Engagement Sites –

As part of its ongoing commitment to capacity building, CCBO’s MEL team continued to

provide hands-on MEL support to program grantees, from the pre-award stage through implementation and grantee close out to ensure that all grants and their activities align with CCBO objectives and performance targets. CCBO's MEL staff works closely with the program's grants and technical teams, as well as grantee staff to support relevant areas of the grant application process, including: providing support to ensure each grant application has a logical and valid theory of change and appropriate indicators and targets; identifying gaps in grantee organizations' capacity for data collection and management and suggestions and guidelines to address such gaps; and—as grants are awarded, providing ongoing technical support. As grant and technical assistance activities progress, CCBO's MEL team also facilitates the sharing of learnings across activities and countries.

Notable highlights of the quarter included:

- In the **Philippines/Asia Regional Office**, CCBO's Regional MEL Specialist organized face-to-face MEL sessions with grantees PZC, PCX, and CORA to revisit indicator targets and progress according to implementation schedules. MEL orientations were also given to new grantee WWF, and to the new staff of Green Antz. In the end of Q2, the MEL Manager visited the regional office in Manila to support the mid-term review of two grantees: CORA and PZC. As part of this support, CCBO developed a methodology for review informed by USAID and Organization for economic co-Operation and development (OECD) evaluation standards. The review included key informant interviews and focus group discussions with key stakeholders as well as project documentation review. The reviews will conclude in early Q3. CCBO also supported the WWEE activity in the continued development of the data collection and analysis tools informed by lessons learned from the previous cohorts that had completed the BBEST trainings.
- In **Sri Lanka and the Maldives**, CCBO supported grantee Soneva Namoonna in the refinement of their waste tracker tool to align with CCBO indicator reporting as well as their design of the monitoring plan for their small island community waste management model. SIGS' dataset for its Hullhumale household waste survey was submitted to USAID's to DDL, pending review by USAID. MEL support was also provided for five upcoming grant applications to set indicator targets.
- In **Vietnam**, in early March, CCBO conducted a three-day technical workshop in Da Nang to support grantee, ASSIST and their partners to develop their monitoring plan and clarify roles. Following this workshop, the program further supported the ASSIST team in deploying data collection tools and indicator progress reporting. CCBO plans to document and use this approach as a model for scope of work for incoming grantees. The MEL team also supported the grant negotiation process with Ham Long Center and Green Joy on indicator targets and budgeting for MEL activities.
- In **Indonesia**, CCBO provided MEL support to the grant review process, including through pre-award surveys and close work on developing realistic TOCs, result frameworks, and indicators/targets. The MEL specialist also supported the CCBO Indonesia team in presenting the program's overarching TOC, Result Framework, and Indicators in meetings with the directorates of the five ministries and the local governments.
- In **Peru**, CCBO's MEL Specialist provided support on pre-award grant processes including the development of project descriptions, and setting up day-to-day procedures for efficient data collection, verification, and reporting.

Progress Toward Program Indicators and Targets –

In Q2, CCBO continued to advance its indicators through in country and global activities. Notable achievements included:

- **Materials Management** - In the quarter, **over 27,000 MT of waste and recyclables were aggregated** through program technical assistance in the Dominican Republic and grantee activities in the Philippines and the Maldives. Of this, almost **4,000 MT (approximately 8.6 million pounds) of plastic was secured from leaking into the environment.**⁵ In the Philippines, CCBO grantee PCX **recovered and diverted over 15 MT of low-value waste (tires) from disposal.**
- **Partnerships and Mobilization of SWM Investments** - CCBO supported the formalization of **7 new partnerships** and **mobilized an additional \$310,000 in investment for 3R/SWM** during this quarter. Several MOUs were signed by CCBO and its grantees across Vietnam and the Philippines.⁶ In Peru, with technical assistance from CCBO, the government of Pisco obtained property for a landfill (800,000 square meters) estimated in value at \$160,000. In the Philippines, the Coca-Cola Foundation (CCF) Philippines contributed \$150,000 towards the implementation of WWEE.
- **Events, and publications** - During this quarter CCBO took part in **20 events and produced 4 publications.** Events from the global / US team included presentations at the East Asia Summit Plastics Debris Workshop and the presentation at the Society for Applied Anthropology's annual meeting. Other key events were held across Indonesia, Vietnam, the Philippines, and Peru.⁷ Publications included a TIPS report from CCBO's work in the DR, CCBO's Funding Options Report, and from the Maldives' grantee, SIGS, a series of videos as part of their HOME project.
- **Organizational and Institutional Capacity Development** - CCBO Peru developed the capacity of **two governments** (Máncora and Pisco, Peru) through their engagement in the SCIL process; and supported an additional **microenterprise** to develop its capacity for improved SWM services through grantee, PCX who launched its seventh Aling Tindera station (Marita Blanco).
- **Training and Individual Capacity Development - 425 additional individuals** (187 F / 232

⁵ In the DR, CCBO's support to a Dominican National Brewery (CND) pilot secured almost 7 MT (15,200 lbs.) of plastic and 700 lbs. (0.32 MT) of aluminum cans for recycling. In the Maldives, the grantee Soneva Namoonaa aggregated over 30MT of waste, of which almost half was recovered (40%, 11.9MT) and included 1.3 MT in plastics.

⁶ In Vietnam, letters of endorsement were signed in Phu Quoc, Hue, and Da Nang. In the Philippines, CCBO grantee PZC signed an MOA with the Technical Education and Skills Development Authority (TESDA) and an MOU with the City Government of Puerto Princesa. CCBO Philippines also signed an MOU with Nestle Philippines and Iloilo.

⁷ In Indonesia, CCBO Indonesia was launched along with a multistakeholder discussion on Sustainable Urban Waste Management in Ambon City. In Vietnam, there was the formal launch of the CCBO Vietnam program as well as an introduction of CCBO to stakeholders in Phu Quoc. In Peru: Roundtable presentations with representatives of the Violet Squadron (El Escuadron Violeta) on their gender activities, presentation of SWM management alternative to the mayor of Pisco; participation on a panel discussion in the National Seminar on Management of integrated marine coastal zones webinar; the protocol event for the Transfer of land for future development of the Pisco landfill; and a technical presentation by the CCBO Peru to the Management agencies of Economic and Social Development as well as Services to the City, Environment and Public Safety. In the Philippines: an MOU signing event with Iloilo; MOU signing event with TESDA for the WWEE activity; PZC's MOU signings with TESDA and the City government of Puerto Princesa; GreenAntz's EcoHub Groundbreaking; CORA's Sustainability Solutions Exchange (SSX) webinar event; and EWC's Celebrating Women's Month and International Waste Pickers' Day web event.

M) **completed training** in 3R/SWM through CCBO activities, both through grantees and through technical assistance from CCBO staff. This included trainings in topics such as the SCIL, SBC and related research and implementation methods, gender, and SWM—such as MRF and sanitary landfill best practices.⁸

- **Innovation** – CCBO added **5 innovations** to its count, through activities in the Maldives, Peru, Philippines, and Dominican Republic.⁹
- **Policy** - In Pisco, Peru, CCBO supported the adoption of a municipal ordinance on the reduction of single-use plastic.
- **Reach** - CCBO **reached over 22 million people** this quarter through its grants, technical assistance, research, events, media outreach, and partnerships with government units that have committed to enhancing their capacity in 3R/SWM. In the updated CCBO MEL plan, the definition and methodology of the number of people and households reached was updated to include estimated populations and households of areas where CCBO has formal partnerships to improve 3R/SWM delivery. With this new definition, and significant numbers added for media and awareness reach through events and partnerships, CCBO’s reach estimation sharply rose.

Table 2 provides a summary of CCBO performance indicators, progress to date, and targets. Targets in the indicator table are reflective of the proposed adjusted targets in CCBO’s update MEL plan, approved this quarter, and are subject to change, pending approval.

Table 2. CCBO indicators, targets, and progress to date

Indicator Title	Achieved Y3 Q2		Targets (and % to target)	
	Y3Q2	Cumulative	Y3	LOP
1. Metric tons of plastic safely managed as a result of USG assistance	3,914.20 MT	43,080.09 MT	20,000 (20%)	100,000 (43%)
2. Metric tons of material reduced or recovered and diverted from disposal as a result of USG assistance	34.91 MT	87.67 MT	10,000 (0%)	21,000 (0%)
3. Metric tons of municipal waste safely managed as a result of USG assistance	27,178.09 MT	330,500.85 MT	94,000 (29%)	540,000 (61%)
4. Number of innovations supported through USG assistance (STIR-10)	5	15	12 (42%)	40 (38%)

⁸ CCBO country staff conducted SCIL training in Peru (Pisco, Máncora), the Philippines (Pasig City, Iloilo), and Vietnam (Hue). CCBO’s Regional SBC Specialist conducted SBC Formative research and TIPS training in both Vietnam (for all grantees) and in the Philippines (for PZC). Additional training in the Philippines included 2 cohorts of WWVEE BBEST, three good practice sessions on MRFs and SLFs in Parañaque, Iloilo and Puerto Princesa, Gender empowerment training for the Eco-collectors of Pasig CENRO, and onboarding training for Aling Tindera Marita Blanco. Additional training in Sri Lanka included a Safety and security kit distribution and awareness program, and a training of trainers for recyclers and collectors.

⁹ In the Maldives, CCBO is now supporting two innovations through its SIGS grant: the use of their web platform for interactive awareness raising, and a reality serial based on a journey without plastics. CCBO Peru began its support of the route optimization model which emphasizes the use of local knowledge and non-conventional tools for mapping routes. In the Philippines, through support from CCBO, PCX has made gender-sensitive improvements to the baler machines used by the Aling Tindera women. In the DR, CCBO continues to support implementation of a model for landfill remediation and closure and development of new, sanitary landfills, which has been recognized as the country’s new national model for these challenges and, while not uncommon in developed nations, is a first of its kind approach in the country.

Indicator Title	Achieved Y3 Q2		Targets (and % to target)	
	Y3Q2	Cumulative	Y3	LOP
5. Amount of investment mobilized for 3R/SWM supported by USG assistance	\$310,000.00	\$4,433,026	5,000,000 (6%)	18,000,000 (25%)
6. Number of households / establishments participating in 3R/SWM programs as a result USG assistance	1,095,809	1,097,973	500,000 (219%)	1,160,000 (95%)
Households	1,095,791	1,097,973		
Establishments	18	63		
7. Number of people who have completed training in 3R/SWM supported by USG assistance	425	941	1,000 (43%)	3,000 (31%)
Male Attendees	232	440		
Female Attendees	187	495		
8. Number of individuals reached through USG assistance	20,760,535	22,344,671	1,270,000 (1635%)	6,000,000 (372%)
Direct	4,017,952	4,113,581	998,000 (403%)	3,000,000 (137%)
Indirect (Beneficiary)	0	751,184	272,000 (6155%)	3,000,000 (42%)
Indirect (Awareness)	16,742,583	17,479,906		
9. Number of entities with increased capacity to assess or address 3R/SWM	3	52	45 (7%)	200 (26%)
10. Number of public policies and SWM plans that advance 3R/SWM supported by USG assistance	1	7	3 (33%)	25 (28%)
11. Number of events, partnerships, or publications demonstrating USAID influence in ocean plastics reduction	31	127	30 (103%)	200 (64%)
Partnerships	7	55		
Events	20	65		
Publications	4	8		
12. Percent of individuals who complete USG-assisted workforce development programs (EG 6-14)	100%	100%		
Total number of individuals who complete (numerator)	313	405	456 (69%)	1,440 (28%)
Total number of individuals who participate (denominator)	313	407	570 (55%)	1,800 (23%)
13. Number of microenterprises supported by USG assistance (EG 5-3)	1	38	30 (3%)	120 (32%)
14. Percentage of female participants in USG-assisted programs designed to increase access to productive economic resources (assets, credit, income or employment) (GNDR-2)	100%	95%		
Number of female program participants (numerator)	41	63	358 (11%)	975 (6%)
Total number of participants in the program (denominator)	41	66	550 (7%)	1,500 (4%)
15. Number of legal instruments drafted, proposed or adopted with USG assistance designed to promote gender equality or non-discrimination against women or girls at the national or sub-national level (GNDR-1)	0	0	1 (0%)	6 (0%)
16. Number of persons trained with USG assistance to advance outcomes consistent with gender equality or female empowerment through their roles in public or private sector institutions or organizations (GNDR-8)	168	263	500 (34%)	1,500 (18%)

4.4 Grants Management

During the quarter, CCBO’s initial Grant Manager departed the program team as a full-time staff member and the program welcomed an Interim Grant Manager while recruitment of a permanent replacement takes place. The former Grant Manager provided handover notes to the Interim Grant Manager and will continue to provide support to CCBO during the transition. CCBO also welcomed a Grants Technical Writer, who began their assignment in the quarter by supporting various country teams with the negotiation and writing of grant Project Descriptions. Country teams continued to make progress on their Year Three grant strategy goals by continuing to negotiate and sign grants, and further delineating In-Kind Grant recipients and their equipment or service needs.

Grant Solicitations

At the beginning of Q2, the CCBO grants team closed a number of open solicitations (RFA-Indonesia-002, RFA-Indonesia-003, RFA-Philippines-WWEE-002), released RFA-Peru-002, and continued working on forthcoming solicitations in Peru. Table 3 lists all RFAs that were open or under development during Q2.

Table 3. CCBO Grant Solicitations

Country	RFA Name	Anticipated Budget	RFA Release Dates	Anticipated Grantee/Start Date
Peru	RFA-002: Develop an evidence-based Education and Communication Strategy(ies) in Pisco, Paita and Mancora, Peru	\$100,000	Jan. 5 – Feb. 7	Inforegion June 2022
	RFA-003: Empowerment of women in the solid waste management system: strengthening soft skills with a gender equality perspective	\$245,000	Anticipated release May 2022	August 2022
	RFA-004: WWEE program grant linking women and the circular economy.	\$197,000	Anticipated release June 2022	September 2022
	RFA-005: WWEE program grant linking women and the circular economy.	\$207,000	Anticipated release July 2022	October 2022
	RFA-002: Building local capacity for communities to manage solid waste aggregation facilities and enhance reduce, reuse, recycle (3R) markets in Makassar	\$250,000	Dec. 1, 2021 – Jan. 12, 2022	WasteforChange May 2022
Indonesia	RFA-003: Building local capacity for communities to manage solid waste aggregation facilities and enhance reduce, reuse, recycle (3R) markets in Ambon	\$250,000	Dec. 1, 2021 – Jan. 12, 2022	WasteforChange May 2022
	RFA-WWEE-002: Technical Assistance for the Women in Waste’s Economic Empowerment Activity, Advanced Business Training in Metro Manila, Philippines	\$150,000	Nov. 8, 2021 – Jan. 7, 2022	ARMDEV July 2022

Current and Prospective Awards –

The following summarizes active or prospective grant awards in each country. Table 4 provides an overview of grants awarded to date and associated financials for those awarded, in the pipeline (pre-award and full application only), and the estimated remaining budget funds for each focal country. In the quarter, CCBO added four additional grants, bringing the total number of awarded grants to 18, worth over \$3.1

million, with approximately 15 additional grants under negotiation worth over \$2.5 million.

Indonesia – During Q2, CCBO simultaneously negotiated 4 grants in Indonesia to Yayasan Kesejahteraan Keluarga Soegijapranata Semarang (YKKS), Bina Karta Lestari Foundation (BINTARI), and two grants to WasteforChange (W4C) with subgrantees. The final grant package for YKKS, who will implement key components of the WWEE activity, was submitted to the CO/COR for approval at the end of the quarter and the grants to BINTARI and W4C, who will implement local capacity building grants in each focal city, were under final negotiations and are all anticipated for USAID approval and award in Q3.

Peru – CCBO submitted draft grant documents for World Wildlife Fund (WWF) in Q2 and continued negotiations of the grant. In addition, CCBO selected Inforegion as the winner of RFA-Peru-002 and was actively negotiating their grant during the quarter. It is anticipated that both will be awarded and implementing in Q3.

Philippines – In Q2, CCBO closed out Catholic Relief Services (CRS) and signed a new award with World Wildlife Fund (WWF-Philippines), which began implementing at the end of the quarter. The other remaining 5 active grants— Green Antz Inc., Communities Organized for Resource Allocation (CORA), Plastic Credit Exchange (PCX), Project Zacchaeus Cooperative (PZC), and Ecological Waste Coalition (EWC)—continued implementation. CCBO submitted Central Philippine University for draft review in Q2 and continued to finalize the grant package. In addition, CCBO advanced negotiations with Associated Resources for Management and Development (ARMDEV), the winner of the Philippines-WWEE-002 solicitation. Pure Oceans and Philippine League of Local Environment and Natural Resources Officers, Inc. (PLLENRO) will continue to be negotiated in Q3. In addition, CCBO is in discussions with CRS and their grant consortium partner, Caritas, about a follow-on award, as well as a sole source grant to EWC to manage the small grants fund for women entrepreneurs and receive additional funds for monitoring progress of participants.

Sri Lanka and the Maldives – CCBO awarded two new grants in Sri Lanka to Island Climate Initiative (ICI) and Janathakshan. The team continued to oversee the other four active grants—Ceylon Chamber of Commerce (CCC) and Public Interest Law Foundation (PILF) in Sri Lanka, and Small Island Geographic Society (SIGS) and Soneva Namoonaa in the Maldives. CCBO continued negotiating three remaining pipeline grants (Sevanatha Urban Resource Center, and Human & Environmental Links Progressive Organization), which were submitted for draft review in Q2, and Idea Factory, which will be submitted in Q3.

Vietnam – CCBO signed its fourth grant with International Development Enterprises (iDE) at the beginning of the quarter. The Asian Society for Social Improvement and Sustainable Transformation (ASSIST) is the only active and implementing grant in Vietnam, while CCBO continues to wait for government approval of other three approved and signed grants – iDE, Environment and Development in Action (Enda) and the Center for Environment and Community Assets Development (CECAD). CCBO negotiated and submitted for draft review, grants to Greenjoy and Ham Long Research and Support Centre for Social Work (HLC) and hopes to finalize and sign these grants in Q3.

A full summary of CCBO grantees, awarded and in pre-award, is contained in Annex IV – Summary of Grants.

Table 4. Grants Program Portfolio: Awarded and Prospective

Country	Grantee Name	Status	Budget (USD)
Dominican Republic	Centro para la Conservación y Eco-Desarrollo del a Bahía de Samaná	Closed	\$94,292
	Total awarded/projected		\$94,292
	Country Budget		\$250,000
	Remaining		\$155,708
Indonesia	Yayasan Kesejahteraan Keluarga Soegijapranata Semarang	Pre-award	\$293,706
	Bina Karta Lestari Foundation	Pre-award	\$244,512
	PT. Wasteforchange Alam Indonesia	Pre-award	\$246,358
	PT. Wasteforchange Alam Indonesia	Pre-award	\$202,747
	Total awarded/projected		\$987,323
	Country Budget (\$1.5M for CCBO, \$5M WWEE)		\$2,000,000
	Remaining		\$1,012,677
Peru	World Wildlife Fund-Peru	Pre-award	\$150,000
	Inforegion Agencia de Presna Ambiental	Pre-award	\$100,000
	Total awarded/projected		\$250,000
	Country Budget		\$1,500,000
	Remaining		\$1,250,000
Philippines	Catholic Relief Services	Closed	\$99,828
	Green Antz	Awarded	\$247,790
	Communities Organized for Resource Allocation	Awarded	\$245,680
	HOPEX Environmental Group, Inc. (Trading as Plastic Credit Exchange)	Awarded	\$80,043
	Project Zacchaeus Cooperative	Awarded	\$225,548
	Ecological Waste Coalition of the Philippines	Awarded	\$188,626
	Kabang Kalikasan ng Pilipinas Foundation, Inc (World Wildlife Fund)	Awarded	\$248,054
	Central Philippines University	Pre-award	\$75,000
	Ecological Waste Coalition of the Philippines (Follow-on grant)	Pre-award	\$133,000
	Associated Resources for Management and Development	Pre-award	\$142,986
	Philippine League of Local Environment and Natural Resources Officers, Inc.	Pre-award	\$150,000
	Pure Oceans	Pre-award	\$150,000
	Total awarded/projected		\$1,986,555
	Country Budget (\$2M for CCBO, \$5M for WWEE)		\$2,500,000

	Remaining		\$513,445
Sri Lanka and Maldives	Small Islands Geographic Society	Awarded	\$147,438
	Soneva Namoonna	Awarded	\$183,884
	The Ceylon Chamber of Commerce	Awarded	\$205,625
	Public Interest Law Foundation	Awarded	\$153,969
	Island Climate Initiative (Pvt) Ltd	Awarded	\$185,080
	Janathakshan GTE Ltd	Awarded	\$209,261
	SEVANATHA Urban Resource Centre	Pre-award	\$195,000
	Human and Environment Links Progressive Organization	Pre-award	\$205,260
	Idea Factory The Social Innovations Lab	Pre-award	\$149,690
	Total awarded/projected		\$1,635,207
	Country Budget		\$1,750,000
	Remaining		\$114,793
Vietnam	Environment and Development in Action	Awarded	\$165,925
	Asian Society for Social Improvement and Sustainable Transformation	Awarded	\$162,434
	Center for Environment and Community Asset Development	Awarded	\$175,727
	International Development Enterprises	Awarded	\$99,998
	Green Joy Company Limited	Pre-award	\$100,000
	Ham Long Research and Support Centre for Social Work	Pre-award	\$150,902
	Total awarded/projected		\$854,986
	Country Budget		\$2,000,000
	Remaining		\$1,145,014
Total CCBO Grants Program	Total awarded/projected		\$5,783,362
	Total Budget		\$10,000,000
	Total Remaining		\$4,216,638

5. Implementation Challenges and Lessons Learned

Primary challenges faced by CCBO continued to primarily be related to the impacts and evolving dynamics of the coronavirus pandemic, however, at the close of the quarter political unrest—particularly in Sri Lanka—added new challenges to the program’s operations. CCBO’s local grantees faced similar challenges, and most have exhibited great flexibility and resourcefulness and continue to generate results, although in some cases more slowly. CCBO continues to closely monitor local situations, adaptively manage, build out its country teams to ensure sufficient in-country presence, and develop new strategies to accomplish its goals. As the COVID 19 continues to be present and evolve, CCBO continues to adapt. The program has expanded local, in-country staff and, in Q2, continued to build out its country teams further to enable local teams to have expanded resources for in-country technical assistance. In Q1 the program signed a

subcontract with a virtual webinar and training platform, to be launched in Year Three.

At the close of the quarter, several program staff were able to travel to the Philippines given lifted entry restrictions and relative eases in cases. The technical, monitoring and evaluation, and communications assistance delivered during this trip had significant impact on program objectives and partner operations.

6. Planned Tasks for Next Reporting Period

In the program's third quarter, CCBO will focus heavily on continued focal country implementation. Upcoming priority activities include:

- Completing recruiting and onboarding for country technical staff, including newly determined positions that will enable CCBO to increase its in-field technical capacity;
- Finalizing and awarding grants to selected organizations in the award queue, as well as reviewing incoming full applications received in the last months for new grants programs launched in Peru and Indonesia.
- Completing CCBO's SCIL pilots and preparing to launch the assessment as a publicly-available, global tool; and
- Launching the program's online virtual training hub and webinar platform.

Please refer to Annex I for a complete overview of scheduled Q3 activities.

Annex I. Year Three Work Plan

Legend –

✓ Complete/Ongoing X Scheduled

Activity	Lead	Resources	Est. Quantity	2021	2022		
				Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - June	Q4 July - Sept
Focus Area I - Build Capacity of CCBO Engagement Sites in Improved Solid Waste Management							
1.1 Initiate dialogue with and/or formalize relationships with key government stakeholders in remaining engagement sites	Tt ICMA	Local/HQ staff	<i>global</i>	✓	✓		
1.2 Support the development and/or strengthening of 3R/SWM planning and implementation in engagement sites							
• 1.2.1 - Complete 3R/SWM planning review process with engagement sites	Tt ICMA	Consultant: Solid Waste West	≥10 engagement sites	✓	✓	X	X
• 1.2.2 - Complete Solid waste Capacity Index for Local governments (SCIL) Assessments with CCBO engagement sites and launch globally	Tt ICMA TMG	Local/HQ staff/ICMA Consultants	≥10 engagement sites	✓	✓	X	X
• 1.2.3 - Provide technical assistance and build capacity to develop or strengthen local 3R/SWM systems and planning	ICMA	Consultants (global & local) Local/HQ staff	<i>global</i>	✓	✓	X	X
1.3 Share international and domestic best practices through virtual or in-person trainings, learning tours, and consultations	Tt ICMA	Local/HQ staff/consultants	4 learning tours	✓	✓	X	X
1.4 Improve local implementation and enforcement of laws, policies, and regulations							
• 1.4.1 - Complete Local Gap Analyses for national level SWM laws, policies, and enforcement mechanisms	ICMA	Local staff/consultant	≥10 engagement sites	✓	✓	X	X
• 1.4.2 - Develop awareness and training materials for local government to build capacity for local implementation and enforcement		Local staff/consultant	<i>global</i>		✓	X	X
Activity	Lead	Resources	Est. Quantity	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - June	Q4 July - Sept
1.5 Strengthen the financial sustainability of SWM in CCBO engagement sites							
• 1.5.1 - Finalize and begin to apply, where information is available, CCBO's Cost of Service Analysis Framework to assess the cost of expanding and improving service delivery	Tt ICMA	Local/HQ staff	1 <i>global</i>, ≥1 engagement site		✓	X	X
• 1.5.2 - Finalize and Customize Overviews of 3R/SWM Funding Options for each country, rolling out accompanying funding workshops		Local/HQ staff	≥1 engagement site		✓	X	X

Focus Area 2 - Improve enabling environment for 3Rs with focus on CCBO engagement sites								
2.1 Increase uptake of 3Rs in CCBO engagement sites								
<ul style="list-style-type: none"> 2.1.1 - Continue to assess and support the implementation/ procurement of locally viable equipment, technology, and infrastructure solutions 	Tt ICMA	Local/HQ staff Consultants TT SWW	≥3 engagement site	✓	✓	X	X	
<ul style="list-style-type: none"> 2.1.2 - Promote 3Rs by identifying and testing new local business models and scalable best practices 		Grantees	<i>global</i>	✓	✓	X	X	
<ul style="list-style-type: none"> 2.1.3 - Assess current commodity and reuse markets, quality control specifications, and capacity to establish opportunities for 3R market development 		Local/HQ staff Grantees	≥3 engagement sites	✓	✓			
2.2 Provide national-level support for national plans, strategies, or targets	Tt ICMA	Local/HQ staff Grantees	3 countries	✓	✓	X	X	
2.3 Engage the private sector and institutions (including multilateral banks, development finance institutions)	Tt	Local/HQ staff	<i>global</i>	✓	✓	X	X	
Focus Area 3 - Build SBC for 3Rs and improved SWM and address livelihood challenges for waste workers								
3.1 Develop SBC plans in CCBO engagement sites based on localized research								
<ul style="list-style-type: none"> 3.1.1 - Develop capacity of CCBO grantees to conduct formative research for SBC in engagement sites 	TMG	Local/HQ staff Grantees Consultants	≥5 grantees	✓	✓	X	X	
<ul style="list-style-type: none"> 3.1.2 - Continue training grantees in and conducting Trials of Improved Practices (TIPs) to identify and test key behaviors 		Local/HQ staff Grantees	≥3 grantees	✓	✓	X	X	
<ul style="list-style-type: none"> 3.1.3 - Collaborate with grantees and local governments (as interested) to develop SBC plans for engagement site(s) 		Local/HQ staff Grantees	4 engagement sites	✓	✓	X	X	
Activity	Lead	Resources	Est. Quantity	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - June	Q4 July - Sept	
3.2 Implement SBC plans in CCBO engagement sites	TMG Tt	HQ/local staff	4 engagement sites		✓	X	X	
3.3 Address and improve livelihood challenges	TMG ICMA	HQ/local staff Grantees (SMJ, CORA)	≥8 engagement sites	✓	✓	X	X	
Focus Area 4 - Support Gender Equality and Women's Economic Empowerment								
4.1 Incorporate gender considerations and build capacity for equality as cross-cutting program objective								
<ul style="list-style-type: none"> 4.1. - Continue conducting all research with a gender lens and gather critical gender dynamics information to inform program interventions 	Tt TMG	HQ/local staff Subcontractors Grantees	<i>global</i>	✓	✓	X	X	

<ul style="list-style-type: none"> 4.1.2 - Build capacity of grantees and local partner organizations in gender-inclusive programming that promotes gender equality and is gender transformative (when possible) 		HQ/local staff Grantees	<i>global</i>	✓	✓	X	X
4.2 Advance Gender Equality and Women's Economic Empowerment							
<ul style="list-style-type: none"> 4.2.1 - Support women-owned SWM businesses and entrepreneurs and/or workforce development and training programs to advance and empower women working in SWM 	Tt TMG	HQ/local staff Grantees	≥3 engagement sites	✓	✓	X	X
<ul style="list-style-type: none"> 4.2.2 - Support women-owned businesses and entrepreneurs through the <i>Women in Waste's Economic Empowerment (WWE) activity - Philippines and Indonesia only</i> 		HQ/local staff Grantees	2 engagement sites	✓	✓	X	X
<ul style="list-style-type: none"> 4.2.3 - Pilot a women-led circular economy model to empower and expand opportunities for women in the SWM sector, expand access to basic health and safety protections, and address sector gender barriers and inequalities <i>Peru only</i> 		HQ/local staff Grantees	1 engagement site		✓	X	X
<ul style="list-style-type: none"> 4.2.4 - Increase inclusion of gender in local SWM Plans and other relevant local/national platforms, policies, and regulations (as possible) 		HQ/local staff Grantees	≥2 engagement sites	✓	✓	X	X

Focus Area 5 - Strengthen Public-Private Partnerships and/or Multi-Stakeholder Alliances

5.1 Engage public and private sector entities to exchange knowledge, identify areas of opportunity, and promote engagement in ocean plastic pollution initiatives

<ul style="list-style-type: none"> 5.1.1 – Exchange knowledge with and facilitate dialogues between the program and those at the forefront of innovative solutions and initiatives 	Tt	HQ/local staff	<i>global</i>	✓	✓	X	X
<ul style="list-style-type: none"> 5.1.2 - Participate in (at least 4) high-level global and industry events and convene local dialogues to attract interest of potential partners and promote private sector engagement in 3R/SWM initiatives 	Tt	HQ/local staff	≥4 high-level events			X	X

5.1 Formalize direct partnerships and catalyze complementary, external collaborations

<ul style="list-style-type: none"> 5.2.1 - Engage and formalize partnership agreements with (at least 7) domestic and international companies, as well as institutions such as multilateral banks and development finance institutions 	Tt	HQ/local staff	≥7 partnerships		✓	X	X
<ul style="list-style-type: none"> 5.2.2 - Facilitate private sector dialogues to catalyze locally-relevant collaborations (that are complementary to CCBO objectives/activities but externally implemented) 	Tt	HQ/local staff	<i>global</i>	✓	✓	X	X

Focus Area 6 - Strengthen USAID Leadership in Combating Marine Plastics							
6.1 Engage inter-governmental fora, such as APEC and ASEAN, to facilitate dialogue, commitments, and global coordination	Tt	HQ/local staff	N/A		✓	X	X
6.2 Serve as thought leader for ocean plastics initiatives, expanding international and domestic knowledge on depth of crisis and related, scalable solutions							
<ul style="list-style-type: none"> 6.2.1 - Commission research to explore and establish the impact of CCBO activities and/or explore key questions from CCBO's learning agenda 	Tt	HQ/local staff Consultants/ STTA	≥2 studies		✓	X	X
<ul style="list-style-type: none"> 6.2.2 - Organize and host learning exchanges for grantees and other key stakeholders to share lessons learned, approaches, and successes as best practices 		HQ/local staff	≥4 learning exchanges	✓	✓	X	X
<ul style="list-style-type: none"> 6.2.3 - Disseminate program research, technical expertise, and best practices through knowledge products, virtual events, and requested technical guidance 		HQ/local staff	≥10 virtual events/webinars, ≥2 legacy resource publications	✓	✓	X	X
<ul style="list-style-type: none"> 6.2.4 – Launch CCBO webinar platform and virtual training hub 		HQ/local staff	≥10 virtual events/webinars	✓	✓	X	X

Annex II. Financial Overview (March 31, 2022)

Agreement Ceiling:	\$47,999,306
Obligated funds through Mar 31, 2022	<u>\$24,981,518</u>
Ceiling Remaining:	\$23,017,788
Cumulative life-of-project expense invoiced through Mar 30, 2022	
Total costs excluding grants and fees	\$11,899,254
Grants	\$885,583
Fees	<u>\$730,078</u>
Total cumulative costs through 3/31/22	\$13,514,915
Obligated funds remaining	\$11,466,603

Annex III. Deliverables

Deliverable	Submission Dates
Contract Deliverables/Strategy Documents	
Funding Options Report	February 4, 2022; February 22 (final resubmission)
Private Sector Landscape Analysis – Vietnam	February 21, 2022; March 22 (resubmission)
Private Sector Landscape Analysis – Peru	January 17, 2022 (resubmission); March 7 (resubmission)
Private Sector Landscape Analysis – Philippines	February 1, 2022; March 11 (resubmission)
Private Sector Landscape Analysis – Dominican Republic	March 14, 2022 (resubmission)
Program Progress Reports	
FY22 Quarter I Progress Report	September 29, 2021 January 14, 2022; January 28 (final resubmission)
Country Work Plans (Year Three)	
Philippines	January 4, 2022 (final resubmission)
Vietnam	February 10, 2022 (final resubmission)
Indonesia	January 21, 2022; January 27 (final resubmission)
Peru	January 5, 2022 (final)
Other	
Funding Options Report	February 4, 2022; February 22 (final resubmission)
(Updated) Monitoring, Evaluation, and Learning Plan	February 10, 2022

Annex IV. Summary of Grants Awarded and in Pre-Award

Country	Grantee Name	Grant Activity Title	Location	Status	Budget (USD)	Start	End	Description
Dominican Republic	Centro para la Conservación y Eco-Desarrollo de la Bahía de Samaná	Social and Behavior Change (SBC) for Solid Waste Management (SWM) and Reduce, Reuse and Recycle (3R) Practices in the Samaná Province of the Dominican Republic	Samaná	Closed	\$94,292	Sep-20	Dec-21	Centro para la Conservación y Ecodesarrollo de la Bahía de Samaná y su Entorno (CEBSE) with its partners Ecoservices and Foro Ambiental de Samaná carried out formative research to develop a Social and Behavior Change Strategy that can be utilized by CCBO and its implementing partners. Through observations, interviews, analysis and trials of improved practices, the consortium sought to understand what various population groups in the Samaná Province are doing now, why, and what they would be willing to do to help stop the ever-increasing production of waste, especially plastic, that flows into rivers and the Samaná Bay, as well as how to spark their interest in doing so. Research also sought to identify strategies to enhance women's economic empowerment in the 3R/SWM sector.
Indonesia	Yayasan Kesejahteraan Keluarga Soegijapranata Semarang	Women in Waste Economic Empowerment: Development and Implementation for Women in Waste in Semarang, Indonesia	Semarang	Pre-award	\$293,706	TBD		Yayasan Kesejahteraan Keluarga Soegijapranata Semarang (YKKS) will support CCBO's Women in Waste Economic Empowerment (WVVEE) Activity in Indonesia, in collaboration with CCBO and Johns Hopkins University. YKKS will support the tailoring of and lead the delivery of WVVEE's Basic Business Skills and Empowerment Training (BBEST) to women working in waste in Semarang. To support WVVEE's second step - coaching and mentoring to develop and pitch a business plan - YKKS will provide logistics support by working closely with the cohorts of BBEST graduates. As the cohorts move forward, YKKS will provide regular support to them, following and documenting their progress as they pitch their business plans. Then, YKKS will deliver the Advanced Business Skills training to BBEST graduates who have been selected to receive funding.
	Bina Karta Lestari Foundation	Building local capacity for communities to manage solid waste aggregation facilities and enhance reduce, reuse, recycle (3R) markets in Semarang	Semarang	Pre-award	\$244,512	TBD		Bina Karta Lestari Foundation (BINTARI) will build on their previous experience to improve recycling rates in Semarang through a two-phased grant. In Phase 1, BINTARI will carry out research to understand the municipal solid waste management (MSWM) systems, actors, and practices, which will inform an integrated MSWM plan to improve the capacity of six local, small material recover facilities (Tempat Pengolahan Sampah Reduce Reuse Recycle (TPS/3R)) or local waste banks. In Phase 2, BINTARI will establish and strengthen the capacity of community-run operators to lead the operations of select TPS/3Rs and waste banks, build the capacity of the local government to support the facilities, and engage communities to adopt more sustainable 3R/SWM practices.
	PT. Waste4change Alam Indonesia	Building local capacity for communities to manage solid waste aggregation facilities and enhance reduce, reuse, recycle (3R) markets in Makassar	Makassar	Pre-award	\$246,358	TBD		Waste4Change (W4C) , in collaboration with sub-grantee Yayasan Lestari Mulia Foundation , will increase Makassar's waste management capacity by researching its existing conditions, systems, stakeholders, and value chains, which will inform new strategies for improved community-based management of TPS/3R and waste bank facilities, as well as improved local government participation in waste governance.
	PT. Waste4change Alam Indonesia	Building local capacity for communities to manage solid waste aggregation facilities and	Ambon	Pre-award	\$202,747	TBD		Waste4Change (W4C) , in collaboration with sub-grantee Green Moluccas , will increase Ambon's waste management capacity by researching its existing conditions, systems, stakeholders, and value chains, which will inform new strategies for improved

		enhance reduce, reuse, recycle (3R) markets in Ambon						community-based management of TPS/3R and waste bank facilities, as well as improved local government participation in waste governance.
Peru	World Wildlife Fund-Peru	Zero waste: Setting sail towards the management and recycling of the inorganic waste of the artisanal fishermen of Paita and Máncora	Paita and Máncora	Pre-award	\$150,000	TBD		World Wildlife Fund (WWF-Peru) will strengthen CCBO's work in land-based solid-waste management by developing inorganic waste management models for fishing operations in Mancora and Paita's landing sites. Models will focus on circular economy principles, recycling inorganic fishing waste, plastics, and addressing the issue of abandoned, lost, or otherwise discarded fishing gear.
	Inforegion Agencia de Prensa Ambiental (APOYO)	Developing Education and Communication Strategies for Pisco, Paita, and Mancora, Peru	Pisco, Paita, and Máncora	Pre-award	\$100,000	TBD		APOYO will conduct formative behavior change research across CCBO's Peru engagement sites to identify the perception of the public regarding waste and the factors or drivers that would support the adoption of responsible waste management behaviors using different research techniques and tools, including focus groups, ethnographic visits, interviews, journeys or accompaniment of direct observation, non-participant observation and situational conversations. Trials of Improved Practices (TIPs) will also be developed in one engagement site (Mancora). Findings will inform an education and communication strategy, to be used by an incoming program grantee and other program partners.
Philippines	Catholic Relief Services	Clean Manila, Blue Bay	City of Manila, Metro Manila	Closed	\$99,828	Aug-20	Nov-21	Catholic Relief Services (CRS) built the capacity of local governments and the private sector to effectively implement SWM laws, while supporting communities in the adoption of sustainable 3R and SWM practices. CRS involved women in trainings on SWM policies and strategies, identified and supported SWM Ambassadors from women's groups, and worked with women in SWM-based livelihoods through skills training, business planning, and providing seed funds to start a business with ongoing mentorship and support.
	Green Antz	Community EcoHub: Integrated Waste Management Solution	Pasig City, Metro Manila	Awarded	\$247,790	Oct-20	Jan-23	Green Antz Builders Inc. is engaging LGUs, private sector partners, and communities, to pilot its previously successful private EcoHub model, a cost-effective 'community' hub that promotes and practices sustainable 3R/SWM practices and processes organics and single use plastics into usable products. Through the EcoHub, GreenAntz will also create a community-level waste management plan that will be supported by the EcoHub. The hub will eventually be turned over to the LGU with specific conditions to ensure continuity and service assurances of the facility.
	Communities Organized for Resource Allocation	Circular Center: Enhanced Recovery and Recycling Mechanisms for Marine Litter	Parañaque City, Metro Manila	Awarded	\$245,680	Nov-20	Nov-22	Communities Organized for Resources Allocation (CORA) is addressing the impacts of single use plastic and the undervalued role of women in the waste value chain by leveraging its experience to create a Circular Center, situated in an existing Material Recovery Facility (MRF). The Center provides a comprehensive, replicable model for effective solid waste management that builds on existing local government systems and infrastructure, intentionally incorporates women into the value-chain as leaders and champions of 3Rs, engages local communities to shift their behaviors to more sustainable 3R/SWM practices, and leverages private partners to create and build on end-markets for single-use plastics.
	HOPEx Environmental Group, Inc. (Trading as Plastic Credit Exchange)	Aling Tindera Network - Manila Bay	City of Manila, Metro Manila	Awarded	\$80,043	Dec-20	July-22	Plastic Credit Exchange (PCX) is implementing a replicable and sustainable waste-to-cash program, its Aling Tindera Network, which empowers women micro-entrepreneurs and supports the enabling environment for implementation of EPR legislation. PCX engages with women micro-entrepreneurs who own small home-based convenience stores and supports their transformation into local community collection points that buy plastics and

								other low value waste back from the community. Each Aling Tindera partner receives training; a container van for plastic storage, weighing scale, and baler; and increased income through the plastic buy-back model. Through the CCBO grant, PCX is piloting 10 Aling Tindera stations in selected barangays in the City of Manila.
	Project Zacchaeus Cooperative	Project Eco-Kolek	Puerto Princesa City, Palawan	Awarded	\$225,548	Jan-21	Mar-23	Project Zacchaeus Cooperative (PZC) is working with waste collectors from the marginalized community of Barangay Bancao-Bancao, transforming them into empowered Eco-Warriors. To support this transformation, Eco-Warriors receive trainings on proper waste management, health and safety, and leadership to empower and emphasize their important role in the community; protective, co-designed uniforms; new collection vehicles; and optimized collection routes. Impacts include improved local solid waste management, as well as reduced social stigma, increased incomes, and improved confidence and empowerment.
	Ecological Waste Coalition of the Philippines	Women in Waste Economic Empowerment: Development and Implementation of Basic Business, Empowerment Skills Training (BBEST) for Women in Waste	City of Manila, Metro Manila	Awarded	\$188,626	Jul-21	July-23	Ecological Waste Coalition of the Philippines (EWC) is the lead grantee supporting various aspects of CCBO's Women in Waste's Economic Empowerment (WWEE) Activity working, in close collaboration with Johns Hopkins University and CCBO. EWC supported the development of the activity's Basic Business, Empowerment Skills Training (BBEST) curriculum, which includes basic business development skills, addresses sectoral gender issues, and includes personal empowerment and entrepreneurship training; leads recruitment, enrollment, and graduating at least 250 women working in waste in Metro Manila in the BBEST program; and provided mentorship support to graduates.
	Kabang Kalikasan ng Pilipinas Foundation, Inc (World Wildlife Fund)	No Plastic in Nature - Batangas City: Project Calinisan	Batangas City and Batangas Province	Awarded	\$248,054	March -22	Feb.-24	Kabang Kalikasan ng Pilipinas Foundation (WWF-Philippines) is building on its previous plastic initiatives to support Batangas City in establishing a barangay waste management system that is participatory and value-driven. WWF-Philippines will strengthen local policies and regulations founded on a holistic representation of perceptions in the community, empower youth to participate in solid waste management through innovation, and enable livelihood opportunities for women and those working in the informal waste sector.
	Central Philippines University	Action Plans for Reducing Plastic Consumption and Improving Recycling Systems and Behaviors in Iloilo City, Philippines	Iloilo City and Iloilo Province	Pre-award	\$75,000	TBD		Central Philippine University (CPU) will conduct research to establish baseline data on households' waste generation and waste characterization; identify value chain actors; and understand stakeholder's (e. g., households, business sectors, barangay officials) behavior patterns for 3Rs and SWM. The results and findings will be used to collaboratively identify the appropriate alternative delivery models that will reduce plastic consumption, facilitate positive recycling behaviors of stakeholders and ensure recyclable materials are properly recovered.
	Ecological Waste Coalition of the Philippines (Follow-on Grant)	Supporting Women in Waste Entrepreneurs	City of Manila, Metro Manila	Pre-award	\$133,000	TBD		Under this grant, EWC's role as the lead grantee supporting various aspects of the WWEE Activity will be extended through the duration of CCBO's implementation of WWEE. In close collaboration with Johns Hopkins University and CCBO, EWC will deliver the Basic Business, Empowerment Skills Training (BBEST) curriculum to participating women in the waste sector; recruit, enroll and graduate a total of at least 250 women working in waste in Metro Manila in the BBEST program; provide mentorship support to graduates; and manage and administer the activity's small grants fund, which will deploy capital and in-kind investments into select BBEST graduate businesses.

	Associated Resources for Management and Development	WWEE Advanced Business Skills Training	City of Manila, Metro Manila	Pre-award	\$142,986	TBD		Associated Resources for Management and Development (ARMDEV) will deliver the WWEE Advanced Business Skills training program in coordination with CCBO.
	Philippine League of Local Environment and Natural Resources Officers, Inc.	Strengthening the Capacity of the Local Solid Waste Management Stakeholders Through Coaching and Mentoring	City of Manila, Metro Manila	Pre-award	\$150,000	TBD		Philippine League of Local Environment and Natural Resources Officers, Inc. (PLENRO) will strengthen the capacity of various stakeholders in solid waste management (SWM), particularly ocean-bound plastics. PLENRO will establish a project team and technical working group to review gaps in SWM capacity and design and implement capacity building programs to assist five local governments to revise or formulate comprehensive SWM plans that contribute to a circular economy framework.
	Pure Oceans	Scaling the Linis Islas (Clean Isles) model: Accelerating waste management enterprises for coastal & islands communities	Batangas City and Batangas Province	Pre-award	\$150,000	TBD		Pure Oceans will build on its previous Linis Islas model on Tingloy island, Batangas, which is a multi-pronged approach to create an island-based circular economy. Pure Oceans will work with community residents, barangays, and the LGU to strengthen plastic waste management on the island, establish more revenue-generating waste recovery centers, and support plastic waste reduction enterprises like the Soli Soli stores (refillable product stores) in selected communities.
Sri Lanka and Maldives	Small Islands Geographic Society	Sustainability Begins at Home	Greater Malé Region (Malé, Hulhumalé and Viliimalé)	Awarded	\$147,438	Apr-21	Oct-22	Small Island Geographic Society (SIGS) is researching households' behaviors regarding waste, particularly single-use plastics, and identifying solutions to reduce single-use plastic consumption and promote plastic-free living. Households' journeys are documented through journaling and regular visits from the SIGS team, then shared with the broader community through social media, a dedicated HOME Portal website, and interactive webinars that encourage and provide others with information how to adopt more sustainable practices.
	Soneva Namoonaa	Sustainable Small Islands - Scaling the Namoonaa 3R/SWM Model to Preserve Islands and Oceans	Baa Atoll	Awarded	\$183,884	May-21	Oct-22	Soneva Namoonaa is building on their Namoonaa model that works with island communities and Atoll Councils on waste management systems to reduce plastic consumption, divert waste from entering the environment, and end open burning. Soneva Namoonaa is researching and designing a small island waste management model to pilot on 3 new islands in the Baa Atoll. The waste models focus not only on plastics, but other products in the waste stream (food waste, yard waste, glass, metal, cardboard, and other non-recyclable materials) and seek to build capacity and behavior change for more sustainable 3R/SWM practices.
	The Ceylon Chamber of Commerce	Enhancing Extended Producer Responsibility (EPR) through a Public-Private Partnership Approach	Sri Lanka - National	Awarded	\$205,625	Apr-21	Apr-23	Ceylon Chamber of Commerce (CCC) will build on their previous MWRP grant to pilot key voluntary components of the EPR Roadmap by focusing on two types of plastic, Polyethylene Terephthalate (PET) and High Impact Polystyrene (HIPS) packaging, to draw lessons that can be applied to a mandatory collection and reporting system that intends to cover all resin-types in the future. Specifically, under this grant, CCC will establish a multi-stakeholder approach for PET and HIPS, delineating avenues by which collection of these plastics and reporting on collection can support Producers of these plastics.
	Public Interest Law Foundation	Regulating Plastic Waste in Sri Lanka	Sri Lanka - National	Awarded	\$153,969	Sep-21	Sep-23	Public Interest Law Foundation (PILF) will build on their previous MWRP grant in three key areas: 1) develop proposals to strengthen local authority management of plastic waste and its legal framework, 2) draft regulations for EPR on prioritized plastics, 3)

								develop guidelines for the management of non-hazardous/non-infectious hospital plastic and polythene waste.
	Island Climate Initiative (Pvt) Ltd	Solutions to FMCG Plastic Packaging Waste Via a Challenge Platform	Colombo Metropolitan Area	Awarded	\$185,080	Feb-22	Feb-24	Island Climate Initiative Ltd. (ICI) will support local and national Fast Moving Consumer Good (FMCG) companies in reducing their single-use plastic (SUP) footprint in Sri Lanka by deploying a Challenge Platform to source and pilot innovations that tackle the company's specific SUP-related problems.
	Janathakshan GTE Ltd	Informal Waste Sector actors for Cleaner Oceans	Colombo Metropolitan Area	Awarded	\$209,261	Mar-22	Mar-24	Janathakshan Ltd will work closely with local and national government authorities to design and launch three plastic recovery centers in the Kaduwela Municipal Council. These recovery facilities will seek to bridge the gap between unmet market demand for cleaned, recyclable plastics, with the informal waste collector workforce who are unable to meet the demand for greater quantities and higher quality of the plastic material. At the recovery facilities, IVCs will sell their plastics at fair market value to be sorted, cleaned and bailed or crushed for sale to commercial recyclers who will sign offtake agreements with the centers.
	SEVANATHA Urban Resource Centre	3R Action Plan for Zero Plastic Waste in Moratuwa Municipal Council in Sri Lanka	Colombo Metropolitan Area	Pre-award	\$195,000	TBD		Sevanatha Urban Resource Center seeks to strengthen the waste-value chain by taking a multi-pronged approach to identify and fill gaps in source separation, collection, policies and markets for plastic materials. By involving and incorporating feedback of multiple stakeholders, Sevanatha will design and test a 3R Action Plan that advances the Moratuwa Municipal Council toward is zero waste goals.
	Human and Environment Links Progressive Organization	Collaborative Action for Clean City of Galle	Galle	Pre-award	\$205,260	TBD		Human and Environment Links Progressive Organization (HELP-O) seeks to improve coordination and participatory decision-making related to solid waste management planning in Galle that can move the city towards a circular economy model. To do this, HELP-O will coordinate with the Galle Municipal Council (GMC) as well as various city stakeholders to fill in data gaps to better understand the waste management system and 3R/SWM practices, develop an Integrated Solid Waste Management Action Plan (ISWMAP) that formalize the role of informal waste collectors in the value chain, and identify discrete pilot programs that align with the ISWMAP that can be tested.
	Idea Factory The Social Innovations Lab	Incentivizing recycling for the recovery of post-consumer plastic in Jaffna	Jaffna	Pre-award	\$149,690	TBD		Idea Factory will pilot its 'Gamefied' Reverse Vending Machine (GRVM) in select locations throughout Jaffna to test if rewards or incentives for recycling create greater participation in recycling behaviors. The grant will allow Idea Factory to test user experience and frequency, track the change in the rates of recycling, and garner interest from various stakeholders to establish the logistics for collecting and then processing the recycled content, and scale their model beyond the scope of the grant if proven successful.
Vietnam	Environment and Development in Action	Promote Green Community Initiatives and Effective Governance on SWM to Combat Ocean Plastic Pollution	Bien Hoa	Awarded	\$165,925	TBD*		Environment and Development in Action (Enda Vietnam) will establish and build the capacity of informal waste collector cooperatives to formalize their role in waste management, increase their collection volumes and earnings, and improve safety conditions through the provision of appropriate protective gear.
	Asian Society for Social Improvement and	Public-Private Partnership for Improved, Integrated Recovery and Circular Economy Schemes in Da Nang	Da Nang	Awarded	\$162,434	Feb-22	Sept-23	Asian Society for Social Improvement and Sustainable Transformation (ASSIST) seeks to create an innovative public-private partnership scheme that integrates informal waste collectors into municipal waste operations at selected community material recovery facilities, transfer stations, or at the landfill. ASSIST seeks to simultaneously boost

	Sustainable Transformation							demand for recyclable plastics by engaging end markets (national and international recyclers), creating a trading platform, and supporting informal waste collectors to increase collection of separated and cleaned material that meets demand standards (enough volume to create an economy of scale and material that is clean and separated into the desired materials).
	Center for Environment and Community Asset Development	Promoting sustainable waste management through evidence-based 3Rs strategy, developing the waste value chain and public partnership in Phu Quoc Island	Phu Quoc	Awarded	\$175,727	TBD*		Center for Environment and Community Asset Development (CECAD) will implement a two-phased grant, with the first phase focused on research, establishing partnerships, understanding the value-chain, leverage points for integrating into local SEDP and developing a community-led solid waste management system design that would then be tested in Phase 2. In particular, CECAD will focus on recovery of high- and low-value plastics as well as organic materials which make up a significant portion of the waste stream.
	International Development Enterprises	Behaviors, Businesses and Buy-in: Creating Value in Un-valued Waste Streams	Hue City	Awarded	\$99,998	TBD*		International Development Enterprises (iDE) in partnership with Evergreen Labs (EGL), will facilitate behavior change around women's contribution to waste collection, create favorable conditions for private and municipal value chain investment in infrastructure improvements, and facilitate operations of a value-added waste processing facility that will be constructed and operated by EGL.
	Green Joy Company Limited	Reducing plastic pollution in Phu Quoc through consumer solutions	Phu Quoc	Pre-award	\$100,000	TBD		To support Phu Quoc in its transition away from single-use plastics, Green Joy will build on its previous experience while researching to contextualize solutions to the needs of Phu Quoc. Green Joy seeks to take a multipronged approach of building a supply of biodegradable straws and eco-friendly grass bags; raising awareness and educating residents and tourists on the positive benefits of using bio-degradable and/or eco-friendly products; and improving livelihoods for Phu Quoc residents by creating jobs for the production of bags and handicrafts that can be made from grass. Green Joy will establish a Green Joy Hub where grass bags, straws and other handicrafts made from grass can be sold or distributed to other retailers on the island.
	Ham Long Research and Support Centre for Social Work	Develop the pilot 3R model of the localized Solid Waste Management in Hue City	Hue City	Pre-award	\$150,902	TBD		Ham Long Research and Support Centre for Social Work (HLC) seeks to address the mounting issue of poor waste management in Hue city by focusing on the two wards of Huang Long and Thuy Bieu to pilot test an improved and localized SWM system that can sustain community behavior change by strengthening internal resources, environmental practices, and local capacity. HLC will mobilize and strengthen networking with government, high-profile experts, the private sector, informal and formal waste collectors, and members of women and youth unions.
TBD* - CCBO-Vietnam grants which have received USAID approval and have been signed but are still pending local government approval before they can begin implementation.								

Annex V. MEL Reporting Details by Country

Indicator Title	Achieved Y3 Q2									Cumulative	Targets	
	DR	Philippines	Sri Lanka	Maldives	Peru	Vietnam	Indonesia	Global	Y3Q2		Y3	LOP
1. Metric tons of plastic safely managed as a result of USG assistance	3,912.89 MT	0.00 MT	0.00 MT	1.31 MT	0.00 MT	0.00 MT	0.00 MT	0.00 MT	3,914.20 MT	43,080.09 MT	20,000 (20%)	100,000 (43%)
2. Metric tons of material reduced or recovered and diverted from disposal as a result of USG assistance	7.21 MT	15.75 MT	0.00 MT	11.94 MT	0.00 MT	0.00 MT	0.00 MT	0.00 MT	34.91 MT	87.67 MT	10,000 (0%)	21,000 (0%)
3. Metric tons of municipal waste safely managed as a result of USG assistance	27,132.21 MT	15.75 MT	0.00 MT	30.12 MT	0.00 MT	0.00 MT	0.00 MT	0.00 MT	27,178.09 MT	330,500.85 MT	94,000 (29%)	540,000 (61%)
4. Number of innovations supported through USG assistance (STIR-10)	1	1	0	2	1	0	0	0	5	15	12 (42%)	40 (38%)
5. Amount of investment mobilized for 3R/SWM supported by USG assistance	0	\$150,000	0	0	\$160,000	0	0	0	\$310,000.00	\$4,433,026.46	5,000,000 (6%)	18,000,000 (25%)
6. Number of households / establishments participating in 3R/SWM programs as a result USG assistance	0	180,162	50,481	443	57,755	712,356	94,612	0	1,095,809	1,097,973	500,000 (219%)	1,160,000 (95%)
<i>Households</i>	0	180,162	50,481	425	57,755	712,356	94,612	0	1,095,791	1,097,973		
<i>Establishments</i>	0	0	0	18	0	0	0	0	18	63		
7. Number of people who have completed training in 3R/SWM supported by USG assistance	0	184	191	0	19	31	0	0	425	941	1,000 (43%)	3,000 (31%)
<i>Male Attendees</i>	0	43	167	0	10	12	0	0	232	440		
<i>Female Attendees</i>	0	135	24	0	9	19	0	0	187	495		
8. Number of individuals reached through USG assistance	0	15,555,039	198,794	3,290	966,314	2,564,673	369,079	1,103,346	20,760,535	22,344,671	1,270,000 (1635%)	6,000,000 (372%)
<i>Direct</i>	0	589,078	197,708	3,100	294,568	2,564,511	368,987	0	4,017,952	4,113,581	998,000 (403%)	3,000,000 (137%)
<i>Indirect (Beneficiary)</i>	0	0	0	0	0	0	0	0	0	751,184	272,000 (6155%)	3,000,000 (42%)
<i>Indirect (Awareness)</i>	0	14,965,961	1,086	190	671,746	162	92	1,103,346	16,742,583	17,479,906		

Indicator Title	Achieved Y3 Q2									Cumulative	Targets	
	DR	Philippines	Sri Lanka	Maldives	Peru	Vietnam	Indonesia	Global	Y3Q2		Y3	LOP
9. Number of entities with increased capacity to assess or address 3R/SWM	0	1	0	0	2	0	0	0	3	52	45 (7%)	200 (26%)
10. Number of public policies and SWM plans that advance 3R/SWM supported by USG assistance	0	0	0	0	1	0	0	0	1	7	3 (33%)	25 (28%)
11. Number of events, partnerships, or publications demonstrating USAID influence in ocean plastics reduction	1	12	0	2	7	5	1	3	31	127	30 (103%)	200 (64%)
<i>Partnerships</i>	0	4	0	0		3	0	0	7	55		
<i>Events</i>	0	8	0	0	7	2	1	2	20	65		
<i>Publications</i>	1	0	0	2	0	0	0	1	4	8		
12. Percent of individuals who complete USG-assisted workforce development programs (EG 6-14)	0%	100%	100%	0%	100%	100%	0%	0%	100%	100%		
<i>Total number of individuals who complete (numerator)</i>	0	72	191	0	19	31	0	0	313	405	456 (69%)	1,440 (28%)
<i>Total number of individuals who participate (denominator)</i>	0	72	191	0	19	31	0	0	313	407	570 (55%)	1,800 (23%)
13. Number of microenterprises supported by USG assistance (EG 5-3)	0	1	0	0	0	0	0	0	1	38	30 (3%)	120 (32%)
14. Percentage of female participants in USG-assisted programs designed to increase access to productive economic resources (assets, credit, income or employment) (GNDR-2)	0%	100%	0%	0%	0%	0%	0%	0%	100%	95%		
<i>Number of female program participants (numerator)</i>	0	41	0	0	0	0	0	0	41	63	358 (11%)	975 (6%)
<i>Total number of participants in the program (denominator)</i>	0	41	0	0	0	0	0	0	41	66	550 (7%)	1,500 (4%)

Indicator Title	Achieved Y3 Q2									Cumulative	Targets	
	DR	Philippines	Sri Lanka	Maldives	Peru	Vietnam	Indonesia	Global	Y3Q2		Y3	LOP
15. Number of legal instruments drafted, proposed or adopted with USG assistance designed to promote gender equality or non-discrimination against women or girls at the national or sub-national level (GNDR-1)	0	0	0	0	0	0	0	0	0	0	1 (0%)	6 (0%)
16. Number of persons trained with USG assistance to advance outcomes consistent with gender equality or female empowerment through their roles in public or private sector institutions or organizations (GNDR-8)	0	121	47	0	0	0	0	0	168	263	500 (34%)	1,500 (18%)