

International Coastal Clean-up Day 2022

Activity Report

A COLLABORATION BETWEEN

**THE COMMITTING TO
SUSTAINABLE WASTE ACTIONS IN THE PACIFIC
(SWAP)**

**THE PACIFIC OCEAN LITTER PROJECT
(POLP)**

**THE KOREA INSTITUTE OF OCEAN SCIENCE &
TECHNOLOGY PROJECT
(KIOST)**



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1. INTRODUCTION

1.1. Background about the International Coastal Cleanup Day

The International Coastal Cleanup Day is an annual event that takes place on the third Saturday of September. The event is organized by Ocean Conservancy¹, a nonprofit environmental advocacy group based in Washington, D.C., United States with work is focused on solving some of the greatest threats facing our ocean today. They bring people, science and policy together to champion innovative solutions and fight for a sustainable ocean.

This International Coastal Cleanup Day brings volunteers together to clean up marine debris from beaches, rivers, and waterways and is supported by over 100 countries worldwide. In 2021, over 318,000 volunteers came together to collect 5,595,330 pounds of trash along 27,200 kilometres of beaches and waterways. Since the first ICC in 1986, more than 17 million volunteers have collected more than 348 million pounds of trash in 150 countries around the world. 2022 marked the 36th year of the ICCD.

1.2. Involvement of SPREP in International Coastal Clean-up Day 2022

The problem of marine litter is a global issue that impacts the environment, people, and economies around the world. Engaging people in the preservation and cleaning of coastlines is crucial to the conservation of the ocean. In support of Pacific islands and their efforts to maintain a healthy and sustainable environment, SPREP, through the "Committing to Sustainable Waste Actions in the Pacific (SWAP²)" and the Pacific Ocean Litter Project (POLP³), in partnership with the Korea Institute of Ocean Science & Technology (KIOST), participated in the International Coastal Clean-up Day 2022 by funding 24 communities.

A total of 2,021 volunteers joined from six (6) participating countries and French territories, namely Cook Islands (1 activity), Fiji (4 activities), Samoa (4 activities), Solomon Islands (11 activities), Vanuatu (1 activity) and Wallis and Futuna (3 activities).

The SWAP, POLP and KIOST projects allocated US\$3,000 funds to 23 organizations for 24 activities (MNRE in Samoa implemented 2 activities) to cover logistical expenses such as garbage bags, protective equipment, mobility costs, refreshments, etc. The organizations were also asked to produce audio-visual materials to promote their actions and raise awareness for the Pacific Islands and beyond. SPREP issued a call for applications through Circular 22/60 (Appendix 1) on 21 July 2022 and received 25 compliant applications by the deadline of 12 August 2022. All 25 submitted applications were selected, but only 24 activities were implemented. Letters of Agreement were signed between SPREP and the organizations to formalize the partnership.

¹ <https://oceanconservancy.org/>

² <https://www.sprep.org/SWAP/sustainable-waste-actions-in-the-pacific-swap>

³ <https://www.sprep.org/polp>



2. ABOUT THE ASSOCIATIONS INVOLVED

The details of the 23 organizations supported by SWAP, POLP and KIOST to participate in the International Coastal Cleanup Day 2022 are provided in the table below, according to the order in which the application forms were received.

Organisation Name	Country / Territory	Project Manager	Contact details
Te Ipukarea Society	Cook Islands	Alanna Smith	alannamatamaru@gmail.com
SRWMA	Samoa	Telefina Sio	finasio@srwma.ws
A Vaka Heke	Wallis and Futuna	Stéphanie Vigier	avaka.heke@gmail.com
MNRE (X 2)	Samoa	Seumaloisafai Afele Faiilaga	afele.faiilagi@mnre.gov.ws
Positive Change For Marine Life (PCFML)	Solomon Islands	Zelda Hilly	z.hilly@pcfml.org.au
Plasticwise/gizo (PWG)	Solomon Islands	Rendy Solomon	solomonrendy@gmail.com
Temotu Provincial Government (TPG)	Solomon Islands	Gabrial Teao	pstemotu@gmail.com
Ward Development Committee (WDC)	Solomon Islands	Malasy Malakia	MMalakia@fisheries.gov.sb
Vanuatu Climate Action Network (VCAN)	Vanuatu	VCAN Secretariat: George Koran	margaretted@oxfam.org.au
Association des pêcheurs « Faiva Tautai »	Wallis and Futuna	Tamiano Lie	baptiste.jaugeon@agripeche.wf folinoaneti@gmail.com
Association Foyer Socio Educatif Collège (FSE) VAIMOANA	Wallis and Futuna	Margareth BRINGOLD, secrétaire du FSE	Margareth.bringold@ac-wf.wf bringoldmakalita@live.fr
Guadalcanal Province Government	Solomon Islands	Willie Kokopu	wiwikops@gmail.com
Communities of Nakawaga, Ligaulevu and Vesi of Mali Island, and Vorovoro Island	Fiji	Seru Moce	goligolicokovata@gmail.com mnakoroi@gmail.com
Cagimaiwai Women's Club	Fiji	Opeti Balenaisa Vateitei, Principal Project Officer	opetivateitei@gmail.com
Community Centred Conservation - Fiji Program (C3Fiji)	Fiji	Asena Steiner	asena@c3fiji.org c3fijifield@gmail.com
Samoa Conservation Society	Samoa	Aloma Black	alomavblack@gmail.com
Tulagi Zone 3 Waste Champions	Solomon Islands	Julienne Leinga,	halaileo108@gmail.com
Environment & Conservation Division, MECDM	Solomon Islands	Patrina Millie	patrinamillie@gmail.com
Friends of the city	Solomon Islands	Mr Yvan Grima	gyvan2013@gmail.com

Organisation Name	Country / Territory	Project Manager	Contact details
Resilience, innovation and Social Change Girls Club (RISC-GC)	Solomon Islands	Bobby Siarani	siarani.b@gmail.com
Waste Management and Control Division (WMCD) of Honiara City Council	Solomon Islands	Mr. Andrew Nixon	patrinamillie@gmail.com
Pacific Ocean Litter Youth Project (POLYP) -USP & Suva Harbour Foundation	Fiji	Andrew Paris	andrew.w.paris@gmail.com

Table 1: Association details

3. DATA COLLECTION TRAINING

3.1. Purpose of the training

The main goal of these activities was to involve participants in collecting and sharing data on marine litter. To achieve this, Sustainable Coastlines⁴, a New Zealand charity, provided two 2-hour training sessions, one in English and the other in French. All participating organizations were required to attend one of the sessions. The training covered how to safely conduct a beach cleanup and how to perform a statistical waste survey and audit using the United Nations Methodology. The training materials are provided in Appendix 2.

3.2. Goal of a statistically reliable waste survey and audit

The goal of conducting a statistical waste survey is to carefully assess the types of waste found within a specific area. Instead of simply categorizing waste by broad categories, such as plastic or metal and so on, it is important to identify the specific types of waste, such as bags, shoes, bottles, food containers, etc, in order to trace their origins and implement targeted solutions. Waste audits can be useful for informing decision makers when creating waste management policies. Overall, the purpose of these surveys is to provide valuable insights and inform action to address waste issues.

3.3. Data collection and sharing

After receiving trainings, organizations were invited to share their data and survey results on the Litter Intelligence Application⁵ developed by Sustainable Coastlines. Out of the twenty-four activities carried out, only ten organizations submitted their data to the application including Samoa Conservation Society which submitted data for two sites. However, only five of these submissions had accurate numbers compared to the data in their submitted reports. The remaining fourteen organizations conducted waste audits but did not submit them online to Litter Intelligence. Instead, they kept written records of their audits and submitted them as part of their reports. The waste audit data from the ten organizations that submitted to Litter Intelligence can be found at the following links.

The following five organisations submitted the right data for their waste audits to Litter Intelligence:

- Samoa by **Samoa Conservation Society & Global Shapers Apia Hub** at 2 sites
 - Mulinu Seawall - Apia Yacht Club adjacent: <https://litterintelligence.org/data/survey?id=1848>
 - MET Office adjacent : <https://litterintelligence.org/data/survey?id=1849>
- Samoa by the **Ministry of Natural Resources and Environment** at Malaela Reserve: <https://litterintelligence.org/data/survey?id=2524>
- Solomon Islands by **Resilience Innovation and Social Change Club** (RISC-GC) at Mataniko coastal area: <https://litterintelligence.org/data/survey?id=2190>
- Solomon Islands by **WMCD of Honiara City Council** at Karaina Coastal front/West Honiara : <https://litterintelligence.org/data/survey?id=1842>
- Wallis & Futuna by **FSE Vaimoana** at Lavegahau Area: <https://litterintelligence.org/data/survey?id=1856>

The data submitted by the following organisations is not accurate as there are differences between the data shared on the Litter Intelligence Application and the audit results shown in their activity report:

⁴ <https://sustainablecoastlines.org/>

⁵ <https://litterintelligence.org/>

- Solomon Islands by **Tulagi Zone 3 Waste Champions** at Marine Beach Front : <https://litterintelligence.org/data/survey?id=1862>
- Solomon islands by **Guadalcanal Provincial Fisheries/** Tiaro MMA at Tiaro Primary/ Community High School Beach : <https://litterintelligence.org/data/survey?id=2191>
- Solomon Islands by **MECDM/** Environment and Conservation Division at Mataniko river mouth : <https://litterintelligence.org/data/survey?id=1840>
- Solomon Island by **Positive Change for Marine Life** at Gizo TC beach : <https://litterintelligence.org/data/survey?id=1871>
- Wallis and Futuna at **A VAKA HEKE** at Akaaka: <https://litterintelligence.org/data/survey?id=1833>

The detailed data shared on the Litter Intelligence Application is shown in Appendix 3.

Based on the data shared on Litter Intelligence, 13,854 items weighing 1,320 kilogrammes of waste were collected and audited. The results of the waste audit shows that plastic items accounting for 52% of the litter collected from the survey area, including 3,428 (48% of plastic items) of Plastic Bottles. In terms of weight two main identified categories of rubbish (this does not include the “other” category) collected are Metal (23% of the weight) and Plastic (15% of the weight).

The diagrams below show the breakdown of waste by category, in terms of items collected and weight.

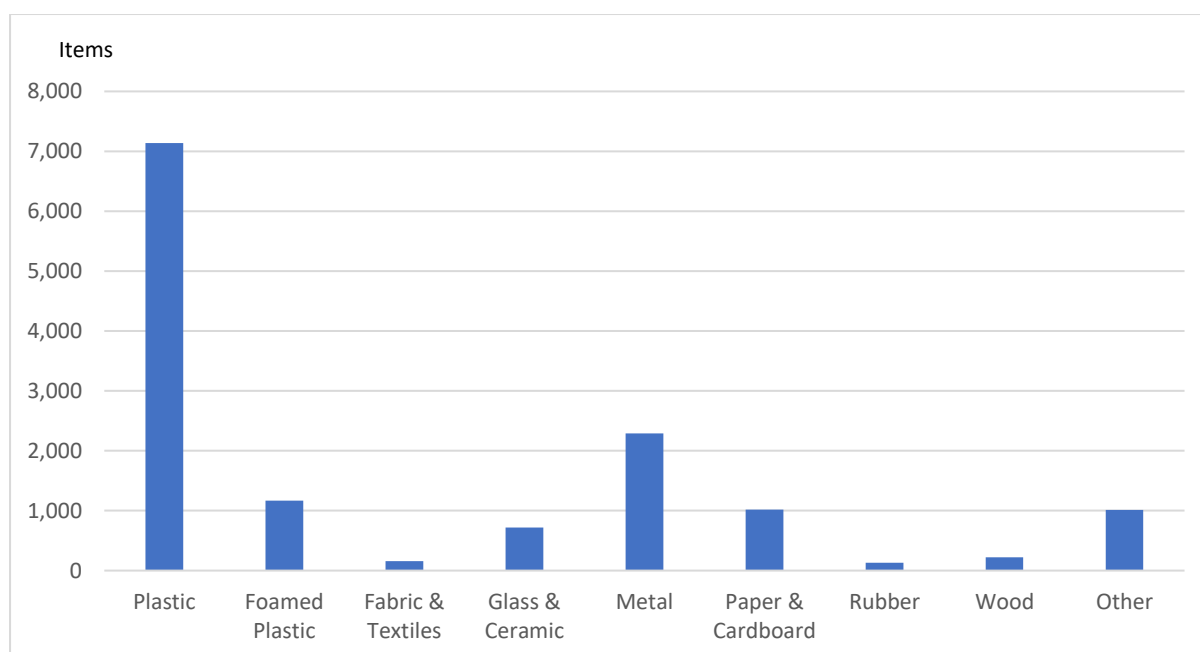


Figure 1: Distribution of waste by category, in terms of items, collected at the International Coastal Clean-up Day 2022 – Source : Litter Intelligence Application

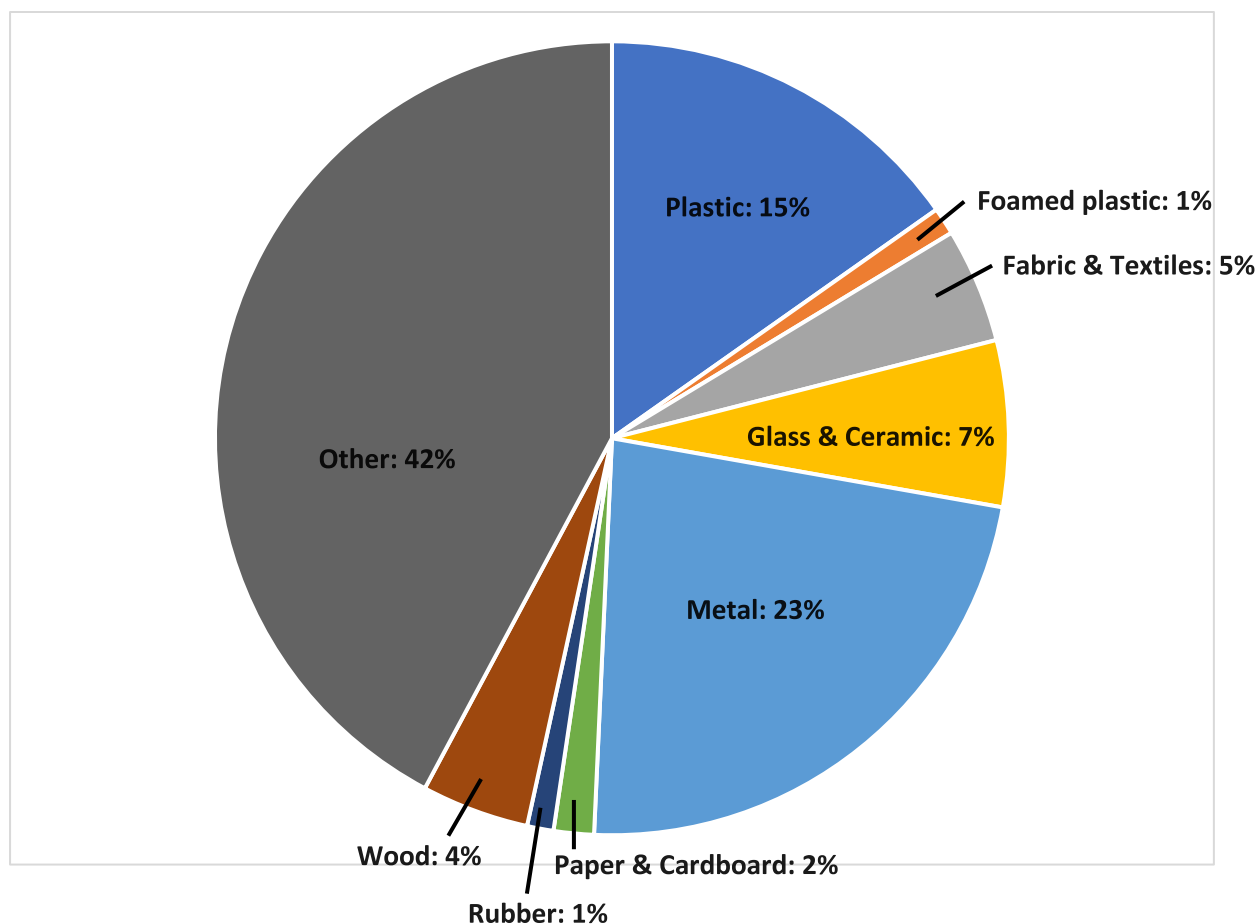


Figure 2: Distribution of waste by category, in terms of weight (%), collected at the International Coastal Clean-up Day 2022 – Source : Litter Intelligence Application

In 2021, ten associations participated in the International Coastal Clean-up Day, and seven surveys were submitted in the Litter Intelligence. The outcomes of these surveys were 4,218 items of rubbish collected and audited, which represented approximately 357 kilos of waste (see breakdown in the table below). Plastic was the main waste category encountered in 2021.

Type of products	TOTAL			
	Count	Weight (kg)	Count (%)	Weight (%)
Plastic	2,330	124	55%	35%
Foamed Plastic	71	4	2%	1%
Metal	537	39	13%	11%
Paper Cardboard	264	10	6%	3%
Fabric & Textiles	235	37	6%	10%
Glass & Ceramic	373	58	9%	16%
Rubber	122	67	3%	19%
Wood	99	12	2%	3%
Other	187	6	4%	2%
TOTAL	4,218	357	100%	100%

Table 2: Distribution of waste collected and audited in 2021

4. OUTCOMES OF THE SWAP ACTIVITIES

The information presented below are a summary of the 24 final reports submitted by the organisations that received funding support from SWAP, POLP & KIOST for their involvement in the International Coastal Cleanup Day 2022 and compiled in Appendix 4.

4.1. Clean-up actions conducted

During the International Coastal Cleanup Day 2022, SWAP, POLP and KIOST supported 24 activities from six (6) participating countries and French territories, namely Cook Islands (1 activity), Fiji (4 activities), Samoa (4 activities), Solomon Islands (11 activities), Vanuatu (1 activity) and Wallis and Futuna (3 activities). The activities were carried out by 2,147 volunteers who collected and removed approximately 7750 kilos of waste from the natural environment.

The actions carried out by the 24 associations are outlined below.

4.1.1. Activity conducted by Te Ipukarea Society – Cook Islands

Overview of the activity:

The school located near Social Centre Beach has expressed concern over the poor disposal habits of the community and visitors. Despite the presence of rubbish bins, the beach is frequently littered with waste. The International Coastal Clean-up Day 2022 event provided an opportunity to not only clean up the area, but also collect data on the waste issue. Through the production of video content with awareness raising messages, the school hopes to encourage positive environmental behavior. The impact of these messages will be assessed in the next school clean up event and waste audit.

Location: Rarotonga Cook Islands, Social Centre Beach



Figure 3: Clean-up areas: Social Centre Beach Rarotonga Cook Islands – Te Ipukarea Society

Participants: 620 people (220 females, 100 males and 300 children under 18).

Weight of collected waste: 96.30 kilos

Type of waste	Weight (in kg)
Plastic	28.7
Aluminium cans (Metal)	13.1
Glass	42.5
Cardboard	8
Other (E-waste)	4
TOTAL	96.3

Table 3: Distribution and weight of waste audited by Te Ipukarea Society

4.1.2. Activity conducted by Samoa Recycling & Waste Management Association (SRWMA) - Samoa

Overview of the activity:

The team traveled to Savaii a day before the clean-up to set up and monitor the operation. On the day of the event, teams collected and sorted rubbish along the coast before weighing the waste. After the clean-up, the team conducted a debrief on the amount of trash collected and thanked the participants. Refreshments were provided and a group photo was taken.

Location: Salelologa Area, Savaii, Samoa

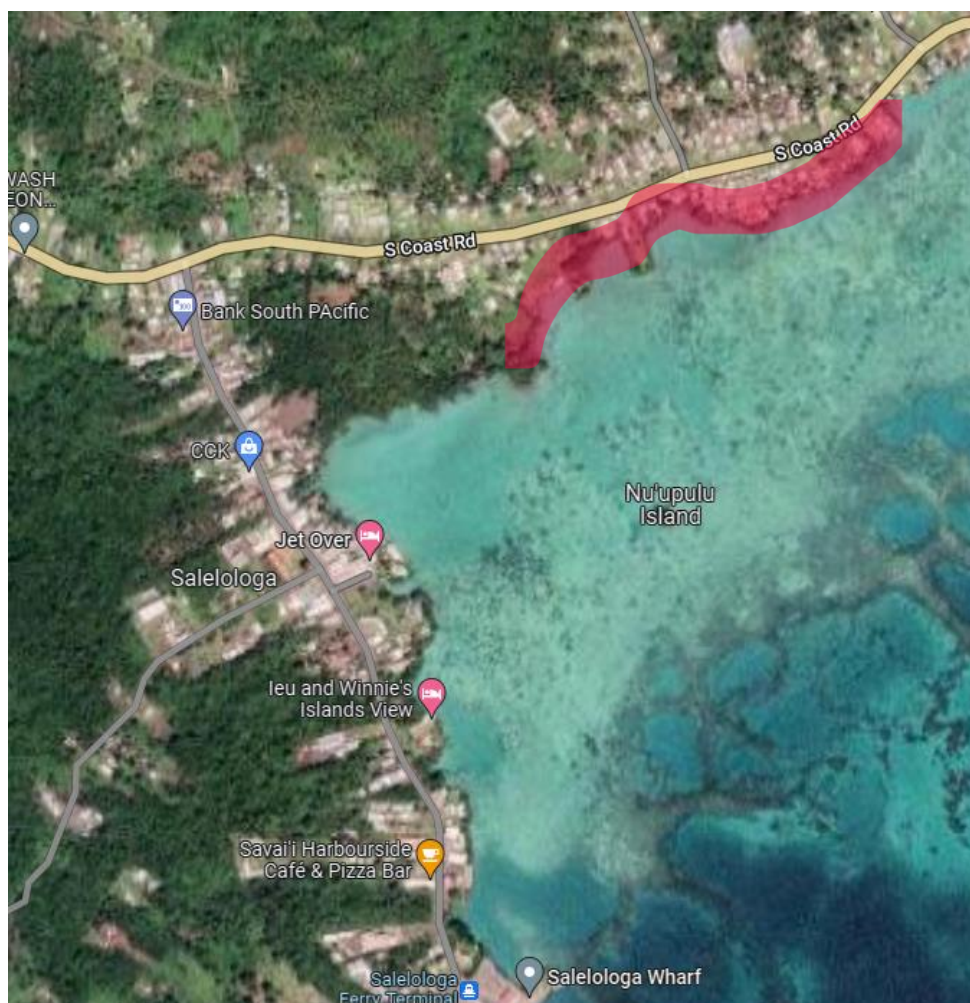


Figure 4: Clean-up areas: Salelologa Savaii – SRWMA

Participants: 46 people (18 females, 17 males and 11 children under the age of 18)

Weight of collected waste: 8 kgs

Type of waste	Weight (in kg)
Plastic bottles	2
Plastic bags	1
Aluminium cans	1
Bottle lids	1
Paper and Cardboards (Coffee cups)	1
Glass bottles	1
Broken glass	1
TOTAL	8

Table 4: Distribution and weight of waste audited by SRWMA

4.1.3. Activity conducted by A Vaka Heke - Wallis

Overview of the activity:

A team of volunteers collected waste in a designated area of 100m x 20m between the beach and the riprap, as well as on land in front of club A VAKA HEKE. Some waste was also collected outside of the designated area and was considered in this report.

In addition to waste collection, the team also raised awareness through interactive games and workshops. Refreshments were provided to volunteers using sustainable and ecological materials, such as coconut and palm branches. Overall, the event was successful in both cleaning up the coast and educating the community on the importance of waste management.

Location: Aka'aka, Wallis and Futuna, in front of A Vaka Heke.

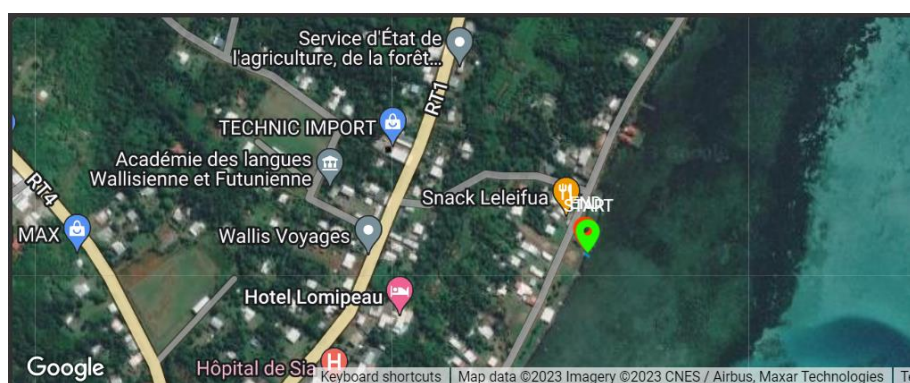


Figure 5: Clean-up area: Aka'aka, Wallis and Futuna – A Vaka Heke

Participants: 61 people (21 females, 16 males and 24 children under the age of 18)

Weight of collected waste: 594.45 kilos

Type of waste	Weight (in kg)
Plastic other	273.30
Plastic sheet	20
Plastic bottles > 2L	0.024
Food wrappers	0.112
Plastic fragments	10.00
Rope	7.5
Lighter	0.05
Cigarette filters	0.06
Fishing net	102.00
Toys	0.10
Aluminium cans	7.7
Boat anchor	23.6
Metal impeller	150.00
TOTAL	594.45

Table 5: Distribution and weight of waste audited by A Vaka Heke

4.1.4. Activity 1 conducted by MNRE - Samoa

Overview of the activity:

- **Clean-up:** The clean-up area was measured and marked with GPS and the volunteers were firstly briefed of the event and for safety measures. All litter along the area was collected and auditors were responsible with the sorting, weighing, count and recorded.
- **Audit data and analysis:** Generally, the number of materials collected may different from village to village considering the size, population and development activities. The audit team adopted the audit methodology developed by Litter Intelligence for coastal and marine litter audit. However, the team were not able to install the application but manually recorded the data on the provided forms.

Location: Malaela Coastal Area, Samoa

Participants: 61 people (21 females, 16 males and 14 children under the age of 18)



Figure 6: Clean-up areas: Malaela, Upolu Samoa – MNRE

Weight of collected waste: 42.47 kilos

	Type of waste	Weight (in kg)
Plastics	Plastic caps (PLO1)	1.82
	Plastic utensils (PLO4)	0.01
	Food wrappers (PLO7.01)	2.95
	Food containers (PLO6)	1.1
	Plastic bags (PLO7)	1.85
	Syringe (PL12)	0.01
	Plastic sheeting (PL16)	2.15
	Bottles (PLO2)	10.25
	Unidentifiable hard plastic fragments (PL24.01)	2.65
METAL	Aluminium drink cans (ME03) 3	3.8
	Bottle caps (ME02)	0.9
	Construction materials (ME09)	2.55
	Metal vehicle parts (ME10.2)	1.8
RUBBER	Tyres (RB04)	1.5
	Rubber footwear (RB02)	3.35
FABRIC & TEXTILES	Clothing, towels and linen (CL01)	2.15
GLASS & CERAMIC	Bottles (GC02)	1.63
	Glass or ceramic fragments (GC07)	2
	TOTAL	42.47

Table 6: Distribution and weight of waste audited by MNRE at Malaela Reserve

4.1.5. Activity 2 conducted by MNRE - Samoa

Overview of the activity:

- **Clean-up:** The clean-up area was measured and marked with GPS and the volunteers were firstly briefed of the event and for safety measures. All litter along the area was collected and auditors were responsible with the sorting, weighing, count and recorded.
- **Audit data and analysis:** Generally, the number of materials collected may be different from village to village considering the size, population and development activities. The audit team adopted the audit methodology developed by Litter Intelligence for coastal and marine litter audit. However, the team were not able to install the application but manually recorded the data on the provided forms.

Location: Puipaa Coastal Area, Samoa



Figure 7: Clean-up areas: Puipaa, Upolu Samoa – MNRE

Participants: 143 people (45 females, 54 males and 44 children under the age of 18)

Weight of collected waste: 1,961.65 kilos

	Type of waste	Weight (in kg)
Plastics	Plastic product packaging (PLO1)	14.6
	Plastic caps (PLO1)	0.104
	Clear plastic bags (PL07)	11.35
	Food containers (PLO6)	15.87
	Plastic bottles (PL02)	53.95
	Plastic drums (PL24.01)	1.00
	Fishing nets (PL20)	44.8
	PVC pipes (PL24.08)	3.8
	Plastic buoy (PL14)	2.1
	Cone (PL24.05)	3.9
	Plastic crate (PL24)	2.6
	Fishing lines (PL18)	0.52
	Other hard plastics (PL24.01)	7.2
METAL	Metal caps (ME03)	0.63
	Metals/Steel (ME09)	40.35
	Aluminium cans (ME03)	3.06
	Ferrous cans (ME04)	30.95
	Construction materials (ME09)	2.65
GLASS & CERAMICS	Glass and ceramic fragments (GC07)	32.5
	Glass bottles (GC02)	38.95

	Type of waste	Weight (in kg)
RUBBER	Tyres (RB04)	11.6
	Rubber footwear (RB02)	27.27
FABRIC & TEXTILES	Carpets (CL05)	1.2
	Clothing, towels and linen (CL01)	1,589.8
OTHER	Appliances & electronics (OT03)	18.4
	Cistern (OT05)	2.5
	TOTAL	1,961.65

Table 7: Distribution and weight of waste audited by MNRE at Puipaa Coastal Area

4.1.6. Activity conducted by Positive Change For Marine Life (PCFML) – Solomon Islands

Overview of the activity:

On the 17th and the 18th of September 2022, a team of divers from Positive Change for Marine Life (PCFML), Dive Gizo, Western Solomons Surfers Association (WSSA), and Western Province Network for Sustainable Environment (WPNSE) conducted two underwater clean-up activities in Gizo Harbour. Partner organizations and members of the public participated in the clean-up, and the Gizo Town Council (GTC) assisted with transportation of collected waste to the local waste facility. Over two days, the team collected an estimated 63,000 items, with aluminium cans being the most common type of rubbish found. Glass bottles, plastic bottles, and mixed plastics were also prevalent.

- **Beach Survey:** On the morning of the beach survey, a team of 13 people, including staff and volunteers from PCFML, members of WPNSE and WSSA and students, set out to TC Beach located south-west of Gizo Island. This well-known beach is made up of white sand with some granite pebbles and rocks. In 2007, a devastating earthquake and tsunami dramatically altered the beach's features, with the high-water mark now inland and covered in vegetation. The team measured a survey area of 100m by 10m. Due to high winds, the waste audit was completed at the PCFML station. A total of 278 items were collected, weighing 7.7kg. Plastic items made up the majority of the waste, followed by fabric & textiles, other, metal, glass and ceramics, rubber, foamed plastics, and paper & cardboard.

Location: Clean-up activity was conducted at two sites:

- Gizo harbour
- TC beach is located south-west of Gizo Island between Niumada and Malakerava

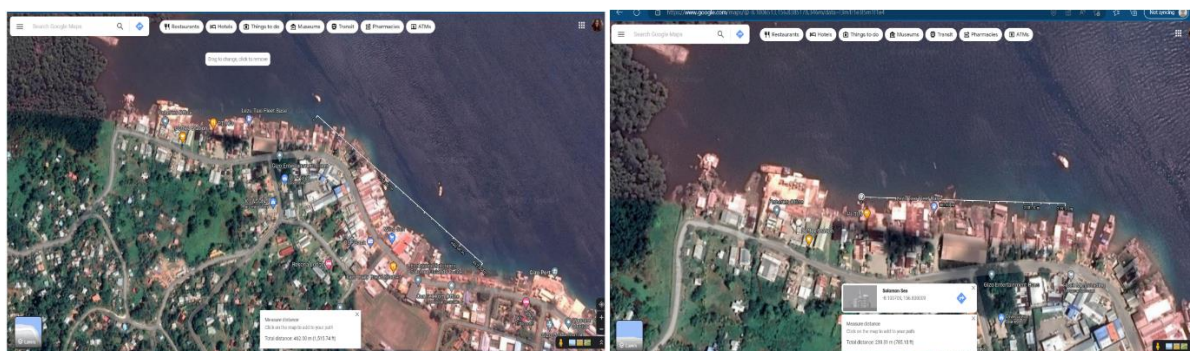


Figure 8: Clean-up areas: Dive 1. PT109 – KHY area & Dive 2. KHY Area to Gizo Market coastal front, Gizo, Solomon Islands – PCFLM



Figure 9: Clean-up areas & Beach Survey: TC Beach, Gizo, Solomon Islands – PCFLM

Participants: 43 people (8 females and 35 males)

Weight of collected waste:

- Underwater clean-ups: unestimated
- Beach clean-up: 8.46 kilos

Type of waste	Number of bags (30 L)	Estimated Quantity (volume, number, etc)
Plastic caps (PLO1)	200	40,000
Glass bottles	50	10,000
Fabrics and textiles	1	200
Mix tins	1	200
Sanitary items	1	200
Sacks	1	200
Rubber		15
Plastic umbrellas		9
Mineral bottle water plastic	10	2,000
Batteries		1
Plastic containers		11
OBM parts		5
Seawash		11
Butane gas bottles	1	
Fiber glass material		3
Metal		17
G-pipes		11
Hard and soft plastics mixed	52	10,400

Table 8: Distribution of waste audited by PCFLM for Underwater Dive Clean-Ups

Type of waste	Weight (in kg)
Rubber footwear.	0.29
Clothes, towels, linen.	1.338
Unidentified cloth fragment (specify).	0.37
Polystyrene cups or food packs.	0.06
Polystyrene insulation or packaging.	0.012
Other foamed plastic.	0.013
Glass or ceramic fragments.	0.99
Food wrappers	0.077
Plastic bags	0.543
Lollipop sticks	0.002
Pen and stationary	0.002
Unidentifiable hard plastic fragments.	0.866
Straws	0.002
Resin pellets	0.002
Rope	0.05
Sanitary items	0.41
Carpet & furnishing	0.354
Cardboard boxes	0.004
Other paper & cardboard	0.023
Unidentified metal fragment	0.026
Batteries (household)	1.038
Appliances and electrical	0.08
Bottles <=2L	0.67
Food container	0.006
Bottle neck rings	0.001
Toys, sports and recreation (rubber)	0.003
Other cans & containers (<=4L)	0.832
Aluminium drinks can	0.17
Bottle caps, lids & pull tabs	0.001
Paraffin or wax	0.0003
Plastic utensils	0.221
Unidentified foamed plastic fragment	0.005
Unidentified cloth fragment	0.003
Hangers & retail packaging	0.006
Rope line or strings (natural)	0.001
Personal care items	0.004
TOTAL	8.46

Table 9: Distribution and weight of waste audited at TC beach is located between Niumada and Malakerava, Gizo Island

4.1.7. Activity conducted by PlasticWise/Gizo (PWG) – Solomon Islands

Overview of the activity:

On October 13th and 27th, 2022, the Plastic-wise Gizo organization successfully conducted their International Coastal Clean-up Day at two locations: Small Naru and Nusatupe. Small Naru is a popular destination for local families who visit for picnics and is known for its beautiful white sands and blue

seas. Nusatupe, located near the Gizo airport, is a popular destination for tourists traveling to the Western Province. The Coastal Clean-up Champagne was a success at both locations.

- **Audit Activity:** Audit data collection was conducted at small Naru, also known as Nusa Nane, on the 13th of October 2022. Onsite verification and measurement of the location were done the day before the audit was conducted. The methodology used for collecting the data is based on the Litter International Coastal Audit tools. There was a total of 36.43 kg of garbage collected during the audit collection, which was classified according to the litter categories sheet.
- **Coastal Clean- up Activity:** There are total of nineteen Plasticwise members who are participated in the coastal cleanup campaign. The garbage collection clean-up campaign was carried out on the western half of Nusatupe, at the western end of the island. All the garbage or rubbish collected during the coastal clean- up was sorted out according to 14 different litter classifications, with a total weight of 121 kg.

Location: 2 sites – Nusatupe & Small Naru

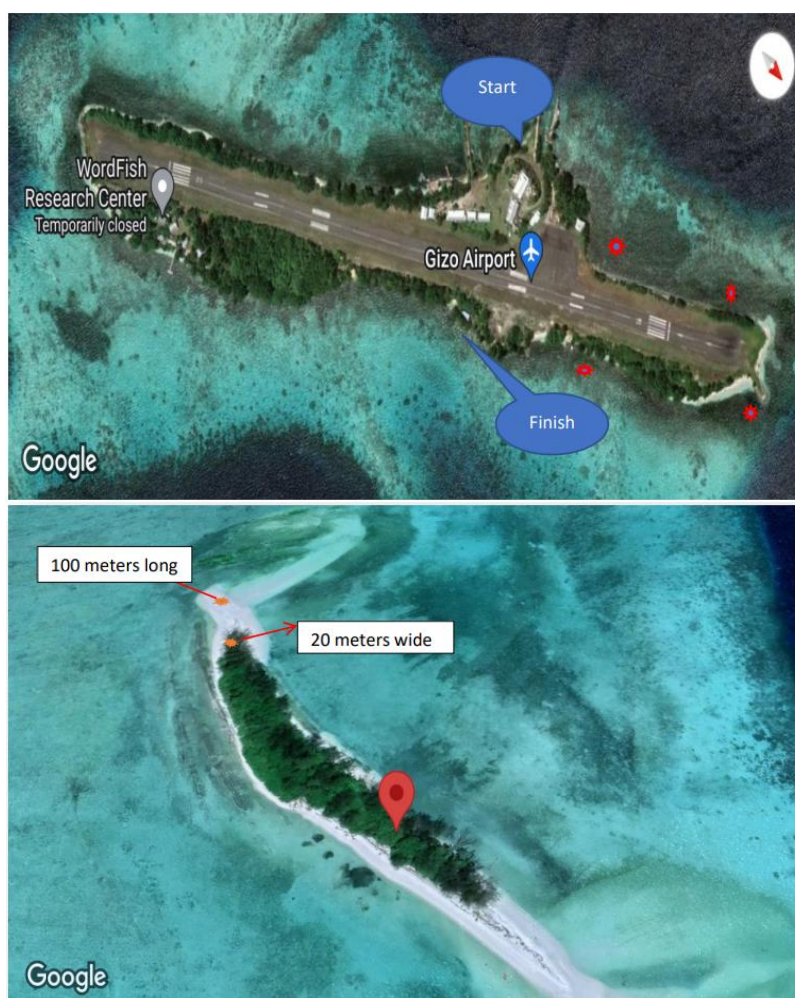


Figure 10: Clean Up Areas: First Image: Small Naru & Second Image: Nusatupe, Gizo, Solomon Islands – PWG

Participants: 33 people (22 females and 11 males)

Weight of collected waste:

- Small Naru (Nusa Nane): 36.43 kilos
 - Nusatupe: 121 kilos
- ⇒ **Total: 157.43**

Type of waste	Naru (Nusa Nane) Weight (in kg)	Nusatupe Weight (in kg)
Plastic	8.83	24
Foam Plastic	1.5	1.5
Fabric and Textile	0.7	10.5
Glass & Ceramic	6.0	18.5
Metal	5.6	52
Paper & Cardboard	0.3	8.5
Rubber	1.0	-
Wood	11.5	-
Others	1.0	6.
TOTAL	36.43 kg	121 kg

Table 10: Distribution and weight of waste audited by PlasticWise/Gizo (PWG)

4.1.8. Activity conducted by Temotu Provincial Government (TPG) – Solomon Islands

Overview of the activity:

The activity undertaken includes the following.

- Site inspection of the proposed clean up area. This includes consultation with residents near the clean-up area and agreement on the time to conduct;
- Identification of participants to do the clean-up and setting of date and time to do the clean up;
- Conduct of awareness with participants and members of the community on the importance of coastal clean up;
- Final briefing at the beach site on what to be done before actual work is done with the participants;
- Conduct of clean up at Nella beach coastal area.

Location: Nella Beach is common place for communities in Nella settlement area and residents of Lata.

Participants: 44 people (20 female, 15 male, 9 children)

Weight of collected waste: 81 kilos (excluding Natural debris)

Type of waste	Weight (in kg)
Plastic	22
Bottles	3
Tins	16
Fabric	25
Iron & Aluminium	2
Sticks	13
TOTAL	81 kg

Table 11: Distribution and weight of waste audited by Temotu Provincial Government

4.1.9. Activity conducted by Lata Luava Ward 8 Development Committee (WDC) – Solomon Islands

Overview of the activity:

On October 5th, 2022, a team of volunteers and the project manager carried out a beach survey at Luava Beach to identify and demarcate the areas in need of cleaning. After a brief awareness session, the team was divided into groups and issued with cabbage bags for the cleaning. The team walked from the western end of the beach to the eastern end, collecting and sorting all forms of litter. The total area covered during the clean-up was approximately 500m. The waste collected was then transported to the landfill site for disposal.

Location: Luava Beach



Figure 11: Clean-up areas: Luava Beach, Solomon Islands – Lata Luava Ward 8 Development Committee

Participants: 25 people (8 female, 6 male and 11 children under 18 years old)

Weight of collected waste: 186.4 kilos

Type of waste	Weight (in kg)
Aluminium drink cans (Metal)	57.8
Butane Gass Bottles (Metal)	5.58
Bottles & Fragments (Glass)	9.64
Bottles <=2 liter (Plastic)	40.38
Unidentifiable soft plastic fragments (Plastic)	15.2
Unidentifiable hard plastic fragments (Plastic)	11.24
Clothing, towels (Fabric & Textile)	31.52
Bicycle tyre (Rubber)	11.8
Batteries Household (ABC Bat.) (Other)	3.24
TOTAL	186.4 kg

Table 12: Distribution and weight of waste audited by Lata Luava Ward 8 Development Committee

4.1.10. Activity conducted by Ward 9 Development Committee (WDC) – Solomon Islands

Overview of the activity:

Prior to the International Coastal Clean Up Day, the project manager carried out an awareness campaign to inform participants on how to properly conduct the activity. On 31st October 2022, the clean-up took place at Graciosa Bay. The team was transported to the site and given a brief awareness before being divided into groups. Each group was issued with cabbage bags and began cleaning the beach. The waste collected was then audited and transported to the landfill site for disposal. The total area covered during the clean-up was approximately 500m.

Location: Graciosa Bay

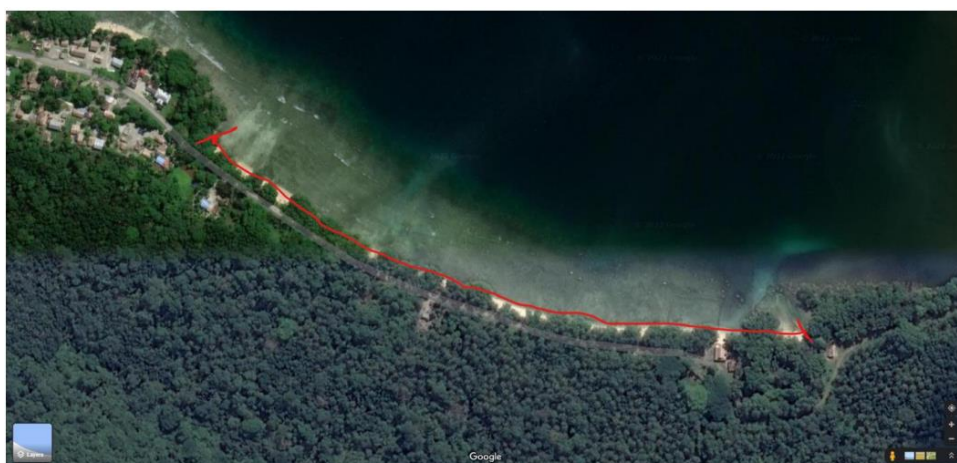


Figure 12: Clean-up areas: Graciosa Bay, Solomon Islands – Graciosa Bay Ward 9 Development Committee

Participants: 26 people (10 female, 10 male and 6 children under 18 years old)

Weight of collected waste: 186.4 kilos

Type of waste	Weight (in kg)
Aluminium drink cans (Métal)	87.90
Butane Gass Bottles (Métal)	10.58
Bottles & Fragments (Glass)	14.30
Plastic Bottles <=2 liter (Plastic)	50.50
Unidentifiable soft plastic fragments (Plastic)	28.00
Unidentifiable hard plastic fragments (Plastic)	20.24
Clothing, towels (Fabric & Textile)	66.00
Others –Batteries Household (ABC Bat.) (Other)	10.00
TOTAL	287.52 kg

Table 13: Distribution and weight of waste audited by Graciosa Bay Ward 9 Development Committee

4.1.11. Activity conducted by Vanuatu Climate Action Network (VCAN) - Erakor Ridge to Reef Management Committee - Vanuatu

Overview of the activity:

Before starting the clean-up, the participants were given protective equipment, T-shirts, and plastic bags provided by the Municipality and Erakor Express. At 8:00, a briefing was given on the survey steps

and participants were paired up. From 9:00 to 10:30, the Erakor youths surveyed the 100 meters from the beach to the sea. From 10:30 to 11:30, the Litter survey was completed. From 11:30 to 12:00, the Litter Audit was completed. The program ended at 12:30, and the youths were picked up for lunch.

Location: Emtem Lagoon Area

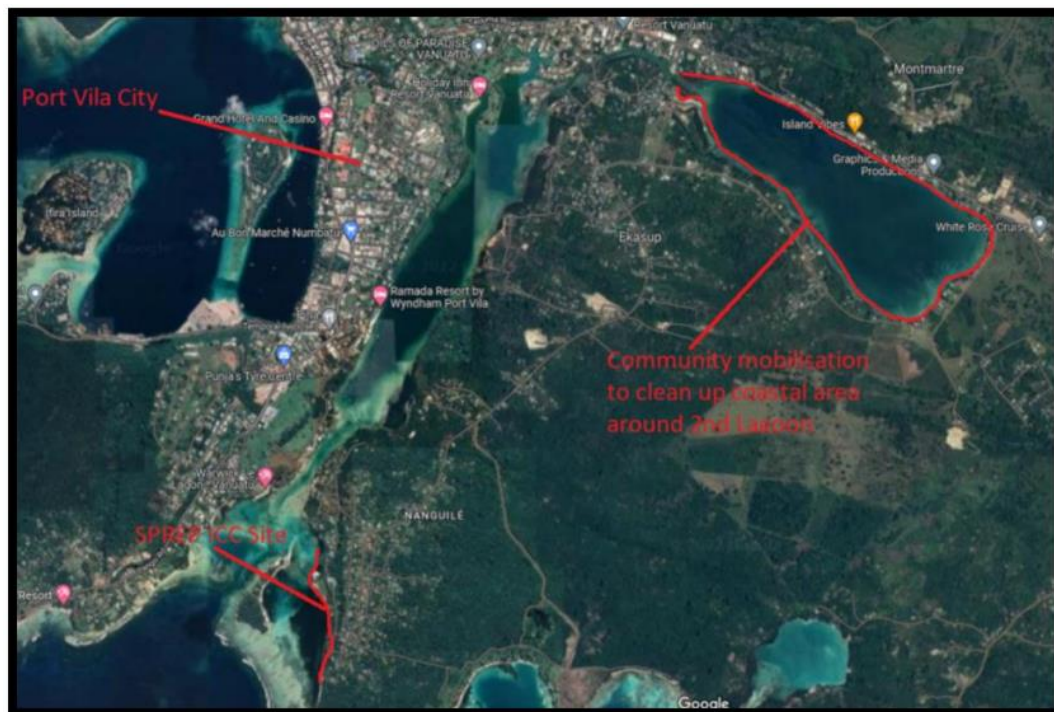


Figure 13: Clean-up areas: Emtem Lagoon, Vanuatu – Erakor Ridge to Reef Management Committee

Participants: 20 people (7 females, 5 males and 8 children under 18)

Weight of collected waste: 0.87 kilos

Type of waste	Weight (in kg)
Plastics	0.198
Glass and Ceramic	0.275
Metal	0.320
Paper and cardboard	0.074
Wood	0.005
TOTAL	0.870

Table 14: Distribution and weight of waste audited by Erakor Ridge to Reef Management Committee

4.1.12. Activity conducted by Association des pêcheurs « Faiva Tautai » - Wallis

Overview of the activity:

The cleaning activity was carried out according to the protocol issued by SPREP. An area of 100 m over 20 m was chosen to carry out the waste collection operation. Waste collected correspond to macro-waste greater than 5 cm. The program for the day was therefore next, meet for departure at the wharf of Mata'utu at 7:30 a.m. to arrive at the islet with around 7:45 a.m. Then the area chosen for the cleaning was identified and delimited in order to follow the protocol. Two teams were formed to be able to clean the entire area. Once the collection was completed, the waste was sorted and deposited

at the fisheries department in Wallis, where we were able to weigh them by category of waste (plastic, glass, polystyrene).

Location: Faioa Islet south of Wallis, on the coast exposed to the ocean

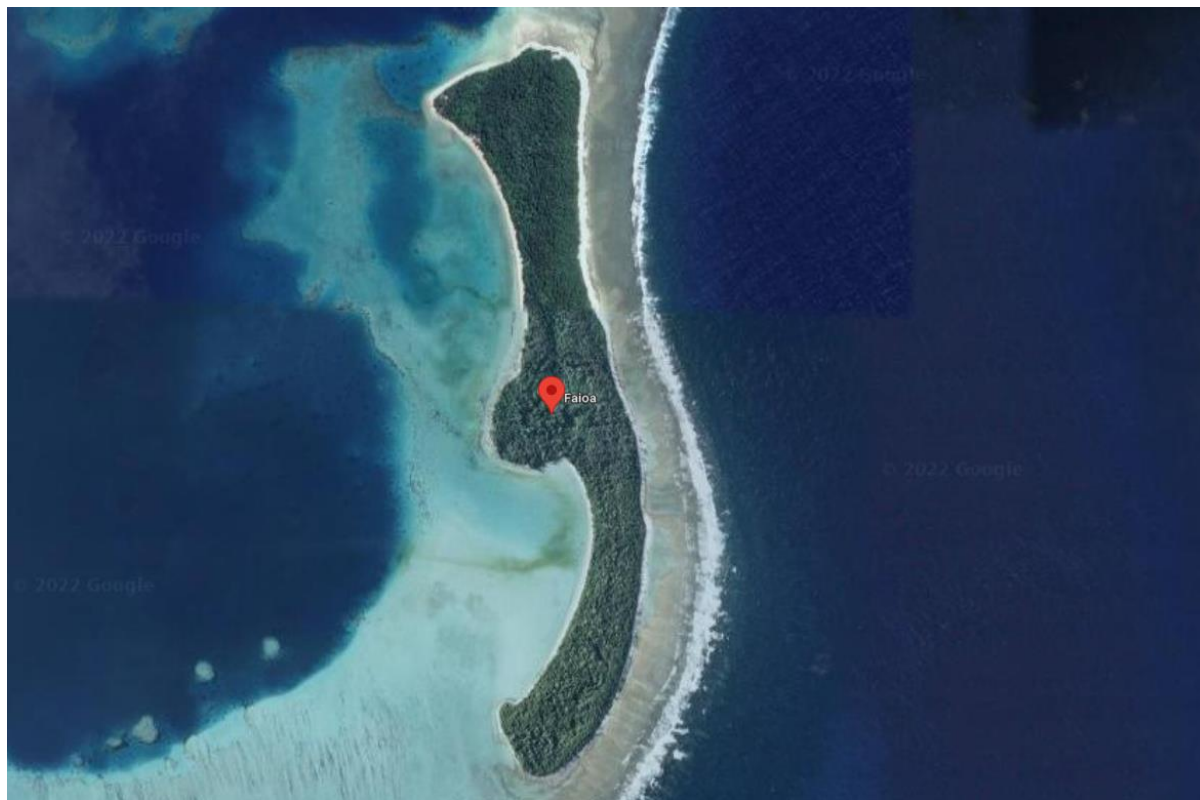


Figure 14: Clean-up areas: Faioa Islet south of Wallis - « Faiva Tautai » Fishermen Association

Participants: 14 people (3 women, 9 men and 2 children under 18)

Weight of collected waste: 9.127 kilos

Type of waste	Weight (in kg)
Toothbrush	0.025
Corks and bottle caps	0.034
Shampoo bottles	1.570
Canisters	0.435
rubber shoes	0.523
bricks	0.094
Fluorescent tubes	0.216
Bottles and jars	0.177
Bulbs	0.463
Foam buoys	1.252
Styrofoam insulation or packaging	0.243
Glass or ceramic fragments	0.293
Fragments of unidentifiable paper and cardboard	0.087
Pens	0.008
Strings	0.013

Type of waste	Weight (in kg)
Cups or packaging of food products	0.024
Plastic bag	0.003
Food packaging	0.052
Container	0.041
Fishing equipment	0.016
Bottle neck rings	0.004
Unidentifiable hard plastic	0.109
Gas cylinder	3.236
TOTAL	9.127

Table 15: Distribution and weight of waste audited by the « Faiva Tautai » Fishermen Association

4.1.13. Activity conducted by Association Foyer Socio Educatif Collège (FSE) VAIMOANA - Wallis

Overview of the activity:

Raising awareness around environmental issues throughout the year. Several actions have been carried out since the first participation in the program in 2021 regional:

- Waste analysis work on June 25, 2022 in the Lavegahau area;
- Cleaning work on the FAIOA island on July 15, 2022;
- Awareness work with the station WetF la 1ère for the preparation of the cleaning day;
- Participation in the International Coastal Cleanup Day at NUKUHIFALA Island.

Location: Lavegahau area



Figure 15: Clean-up area: Lavegahau area, Wallis - Association Foyer Socio Educatif Collège (FSE) VAIMOANA

Participants: 40 children under 18

Weight of collected waste: 67.84 kilos

Type of waste	Weight (in kg)
Plastic bottles	0.041
Bottle caps & lids	0.036
Bottles <= 2 L	42.868
Bottles, drums, jerrycans & buckets > 2 L	0.229
Food containers	0.005
Plastic bags	3.819
Food wrappers	0.004
Toys, sport, & recreation (Plastic)	6.850
Plastic buoys	2.000
Plastic sheeting	1.577
Fishing line	0.001
Rope	8.249
Fishing nets	26.950
Strapping bands & tape	0.042
Fibreglass fragments	0.739
Other Plastic	0.044
Unidentifiable hard plastic fragments	0.366
Cable ties & zip ties	0.002
Safety & construction related	1.421
Plastic vehicle parts	0.034
Polystyrene insulation or packaging	0.008
Toys, Sports & Recreation (Foamed Plastic)	0.090
Clothing, towels and linen	1.001
Backpacks & bags	0.023
Rope, line or string (natural)	2.729
Bottles & jars	1.650
Glass or ceramic fragments	1.396
Tableware	2.400
Metal Bottle caps, lids & pull tabs	0.016
Aluminium drink cans	0.494
Unidentifiable metal fragments	0.511
Construction material	1.512
Rubber footwear	0.317
Tyres	18.800
Inner-tubes and rubber sheet	0.075
Processed timber & pallet crates	0.465
Batteries (Household)	0.005
TOTAL	67.842

Table 16: Distribution and weight of waste audited by the Association Foyer Socio Educatif Collège (FSE) VAIMOANA

4.1.14. Activity conducted by Guadalcanal Province Government – Solomon Islands

Overview of the activity:

On October 22nd, there was a community clean-up at the Tiaro Bay Marine Managed area. Another clean-up was conducted on October 17th, during which a data survey was also conducted at the Tiaro Primary and Secondary School beach compound. The school participated in the clean-up activity that day. From October 13th, the group was in the Tiaro community for community-based fisheries resource management activities. The scheduled clean-up activity was planned for the 17th. In the early morning of that day, the clean-up activity began at the school beach compound with the participation of teachers and students from Tiaro Primary and Secondary School. However, the weighing scale that was brought for the activity malfunctioned due to a rough boat ride to the community. As a result, all of the collected rubbish had to be brought back to Honiara for proper weighing and disposal.

Location: Tiaro Primary and Secondary School, Tiaro Marine Managed Area, Tiaro Bay, West Guadalcanal



Figure 16: Clean-up area: Tiaro Primary & Secondary School, Tiaro Marine Area, Tiaro Bay, West Guadalcanal, Solomon Islands - Association Foyer Socio Educatif Collège (FSE) VAIMOANA

Participants: 48 people (10 women, 6 men and 32 children under 18)

Weight of collected waste: 2.56 kilos

Type of waste	Weight (in kg)
Bottle caps and lid (PI 01)	0.03
Plastic Bottle (PI02)	0.40
Plastic - Bag (PI07)	0.80
Foam-Plastic (FP01)	0.04
Fabrick and Textile - Floor Carpet (CI05)	0.70
Clothes (CI01)	0.02
Fabrick and textile –Footwear shoes (CI01.01)	0.50

Type of waste	Weight (in kg)
Metal- Aluminium cans (Me03)	0.04
MetalGas Bottle/Drum part (Me05)	0.03
<u>TOTAL</u>	<u>2.56</u>

Table 17: Distribution and weight of waste audited by Guadalcanal Province Government

4.1.15. Activity conducted by Communities of Nakawaga, Ligaulevu and Vesi of Mali Island, and Vorovoro Island - Fiji

Overview of the activity:

The event schedule on the 28th of October and began at 7.00am where all government stakeholders, CSO and NGOs assemble and depart Labasa, and travels to Mali Island by boat.

Mali Islands consist of 3 villages namely Nakawaga, Ligaulevu and Vesi. The team divided into three and team up with respective villages for clean-up activities. Registration were given to each team and the briefing is done by team leaders at 9.30am. Briefing focus on the priority International Coastal Clean-up Day 2022 – Activity Report – Qoliqoli Cokovata Management Committee objectives of the event, how to collect different type of waste, waste sorting, categorizes and weighing. Due to the geographical locations of this communities, each team has to travel and brief them accordingly and begin its clean up, waste sorting, weighing and record data that gathered from respective sites. A total of 682.5kg of waste were collected and transport by boat to Malau landing.

Location: Mali Islands - 3 villages; Nakawaga, Ligaulevu and Vesi

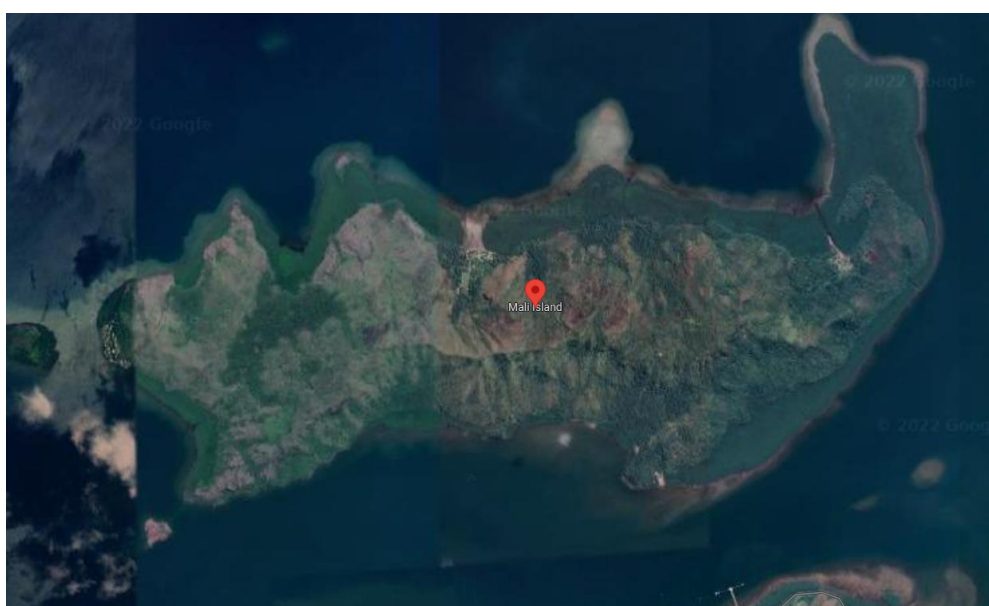




Figure 17: Clean-up area: Mali Islands - 3 villages; Nakawaga, Ligaulevu and Vesi, Fiji - Communities of Nakawaga, Ligaulevu and Vesi of Mali Island

Participants: 85 people (54 women and 31 men)

Weight of collected waste: 682.5 kilos

Type of waste	Weight (in kg)
Plastic	80
Large Plastic Items	56
Metals	120
Paper Cardboard	1.5
General Waste	140
Household waste	250
Others	35
TOTAL	682.5

Table 18: Distribution and weight of waste audited by Communities of Nakawaga, Ligaulevu and Vesi of Mali Island, and Vorovoro Island

4.1.16. Activity conducted by Cagimaiwai Women's Club - Fiji

Overview of the activity:

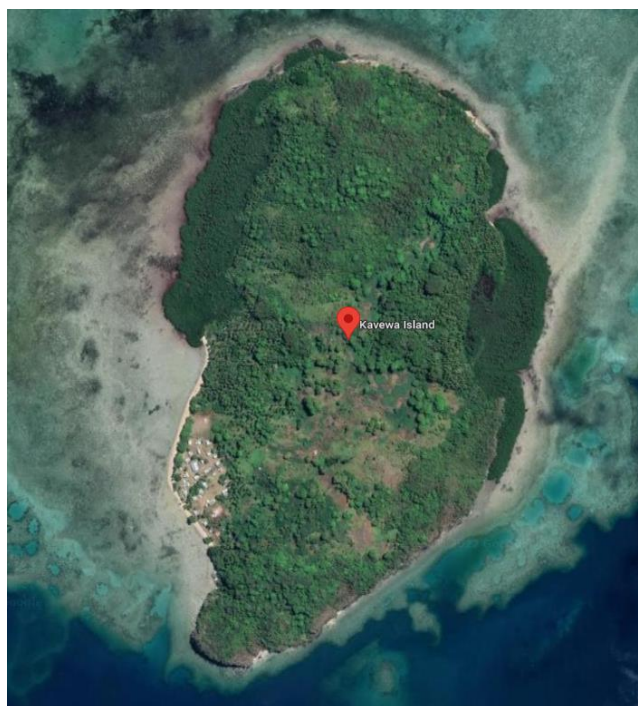
The group arrived at Kavewa Island and had breakfast in the village while waiting for the tide to go out. The Kavewa Women's Club, along with support from the village youths and men, were already assembled in the village hall. The cleanup began at 9:50am with the villagers making their way along the coast adjacent to the village, picking up rubbish as they went. They stopped halfway through and took the collected waste to an open area near the village hall, where it was sorted. After lunch, the group continued cleaning the outskirts of the village boundary until 2:45pm. The sorted rubbish was then audited and loaded onto boats for transportation to the mainland. The villagers were surprised

by the amount and variety of waste collected and have decided to make this a frequent activity for the protection of the environment. They also discussed implementing rubbish collection points throughout the village. The waste was then transported to the Labasa Landfill by a three tonne truck.

Location: Kavewa Village

Figure 18: Clean-up area: Kavewa Village, Fiji - Cagimaiwai Women's Club

Participants: 63 people (44 women and 19 men)



Weight of collected waste: 450.739 kilos

Type of waste	Weight (in kg)
Plastic	118.704
Foamed Plastic	2.16
Fabric & Textiles	207.5
Glass & Ceramic	76
Metal	25.5
Paper & Cardboard	3.92
Wood	0.615
Others	16.34
<u>TOTAL</u>	<u>450.739</u>

Table 19: Distribution and weight of waste audited by Cagimaiwai Women's Club

4.1.17. Activity conducted by Community Centred Conservation - Fiji Program (C3Fiji) - Fiji

Overview of the activity:

On Wednesday, 02/11/2022, five staff members from C3Fiji traveled to sleepover in various communities. Each staff member was responsible for coordinating a clean-up activity in their assigned village. The clean-up was scheduled for the following morning, when the tide was out. The activity took place the following day from 6am to 10:30am and had more than 75 participants in total.

C3Fiji distributed t-shirts, gloves, garbage bags, and sanitizers to the participants. The villagers appreciated the activity and learned a lot from it. Mr. Jovesa Serunisiga from Naividamu Village

commented that the activity was well-organized and that next time they would involve the whole village.

The villagers were surprised by the number of litter categories, as they were only familiar with the broad categories of paper, tin, plastics, glass, and wood. The specific litter categories helped them identify the main sources of litter in their communities.

The garbage collected from the clean-up activity was transported to the Labasa Landfill on the same afternoon for Naividamu, Raviravi, and Niurua. The garbage from Naqumu and Korotubu was transported on Friday morning.

Location: 5 sites

1. Korotubu Village
2. Naqumu Village
3. Niurua Village
4. Raviravi Village
5. Naividamu Village

Participants:

- Korotubu Village: 18 people (9 women and 9 men)
- Naqumu Village: 15 people (3 women and 12 men)
- Niurua Village: 14 people (9 women and 5 men)
- Raviravi Village: 17 people (3 women and 14 men)
- Naividamu Village: 10 people (6 women and 4 men)

Weight of collected waste: 571.41 kilos

Type of waste	Korotubu Village Weight (in kg)	Naqumu Village Weight (in kg)	Niurua Village Weight (in kg)	Raviravi Village Weight (in kg)	Naividamu Village Weight (in kg)
Plastic	46.80	65.91	6.30	13.90	2.20
Foamed Plastic		0.25	0.05		
Metal	33.00	65.00	0.80	18.60	2.80
Paper Cardboard	6.20	4.60	1.50		
Fabric & Textiles	15.00	41.20	33.00	27.80	5.60
Glass & Ceramic	48.00	22.50		3.60	3.90
Rubber		3.40		1.00	3.60
Wood		5.00		9.00	
Other	19.80	12.30	1.80	41.40	5.60
<u>TOTAL</u>	<u>168.80</u>	<u>220.16</u>	<u>43.45</u>	<u>115.30</u>	<u>23.70</u>

Table 20: Distribution and weight of waste audited by Community Centred Conservation - Fiji Program (C3Fiji)

4.1.18. Activity conducted by Samoa Conservation Society - Samoa

Overview of the activity:

The clean-up day was a one-day event aimed at achieving the following goals; (1) to collect and audit litter found within the Mulinu'u Peninsula; (2) to raise awareness on the eco and social impacts of littering; and (3) getting the community involved with addressing/ removing sea litter.

Specific activities conducted on/for the day include:

- **1. Litter Collection:** Participants were divided into four main teams. Each team was given a distinct site to conduct a full sweep (i.e., collecting litter). Sweeps were conducted on both the land (walking) and in the sea (using Kayaks). Areas that were swept include; the side of the roads; on the rock armour seawall; within' recreational parks; and nearshore.
- **2. Litter Auditing.**
 - Litter from zone 1 and zone 2 was sorted into nine categories based on its material type; (1) glass, (2) cardboard and paper, (3) rubber, (4) fabrics and textiles, (5) plastics, (6) foam plastics, (7) metals, (8) wood, (9) Other. Within these categories, participants were able to sub-sort litter based on its purpose or description. For example, plastic eating utensils vs. plastic bottles.
 - The Sub-sorted litter was weighed and recorded.
 - Litter that could be recycled locally was arranged to be transported to the Samoa Recycling and Waste Management Association (SRWMA).
- **3. Outreach activities/ Awareness-raising activities.**
 - Participants were informed on the impacts of littering, and the importance of removing litter from coastlines. Participants were also informed on the importance of conducting litter surveys.
 - Prior to the cleanup day, information regarding the event was shared across all social media platforms. During the event, there were 'post-updates' made to social media.

Location: Mulinu'u Peninsula, Apia, Samoa

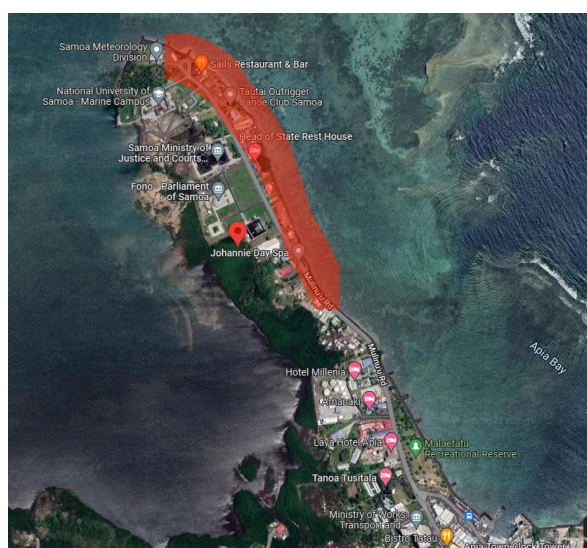


Figure 19: Clean-up area: Mulinu'u Peninsula, Samoa – Samoa Conservation Society

Participants: 82 people (20 women, 17 men and 45 children under 18)

Weight of collected waste: 190.92 kilos

Type of waste	Weight (in kg)
Glass	53.00
Plastic	41.27
Metal	27.85
Paper and Cardboard	14.40

Type of waste	Weight (in kg)
Fabric & Textiles	12.00
Rubber	6.10
Foamed Plastic	5.90
Ceramic	5.00
Wood	4.70
Other	20.70
TOTAL	190.92

Table 21: Distribution and weight of waste audited by Samoa Conservation Society

4.1.19. Activity conducted by Tulagi Zone 3 Waste Champions - Solomon Islands

Overview of the activity:

On 8th October 2022, the Tulagi community participated in the International Coastal Clean Up Day. The community, consisting of 5 local zones, a high school, primary and ECE schools, a Mini-Hospital, and other state-owned enterprises, will come together to clean up the beaches and raise awareness about the issue of incorrect waste disposal into the sea. This is a problem that has been ongoing for several years, and the community has made efforts to address it through previous clean-up events and awareness campaigns. However, the community has also noticed that much of the waste found on the beaches is from nearby islands, washed ashore during strong winds. This event will not only clean up the beaches and reduce the amount of waste in the marine environment, but also provide valuable data for future assessments of the waste issue.

Location: Tulagi Zone 3 beach front, Central Province, Solomon Islands

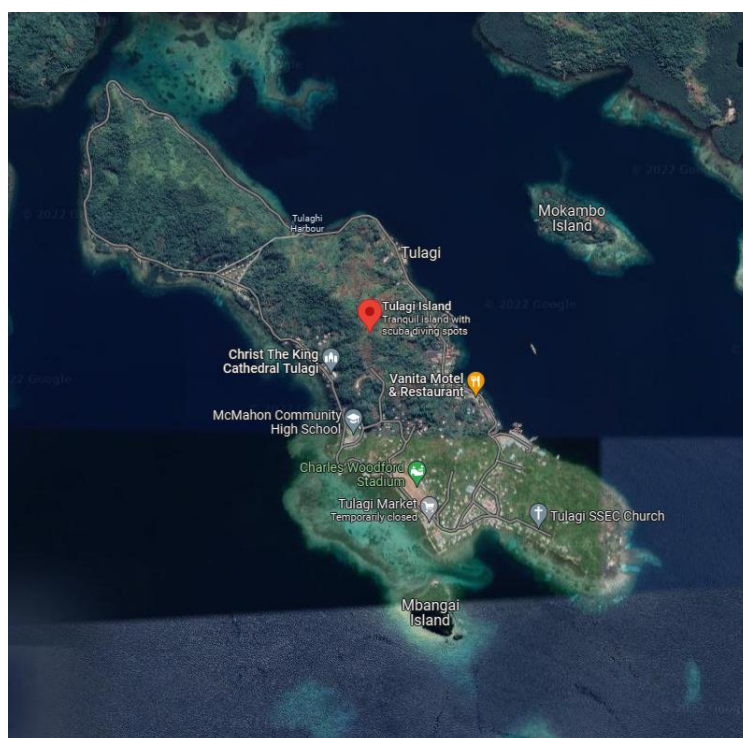


Figure 20: Clean-up area: Tulagi Zone 3 beach front, Solomon Islands – Tulagi Zone 3 Waste Champions

Participants: 110 people (35 women, 25 men and 50 children under 18)

Weight of collected waste: 232.46 kilos

Material	Type of waste	Weight (in kg)
PLASTIC	Single use	3.3
	Pet Bottles	3.4
	Bottle Caps	1.6
	Table Legs	3.2
	Bottles (Food and Beverage)	16.6
	Foamed Plastic	2.12
	Cigarette Butts	0.04
METAL	Aluminium can	5.3
	Canned Food Tins	18.2
	Metals (Iron rods etc.)	10.2
	Gas Bottles	6.9
GLASS & CERAMIC	Glass & Ceramic Tiles	7.9
PAPER & CARDBOARD	Cardboard	5.4
	Box Matches, Cigarette Pkts	4.4
FABRIC & TEXTILES	Fabric and Textiles	37.9
WOOD	Timber	9
	Dry Sticks	47.2
OTHER	Comestics and Medical package Waste	5.3
	Diapers and Latex Gloves	13.5
	Kitchen Waste (Root crop peelings)	31
TOTAL		232.46

Table 22: Distribution and weight of waste audited by Tulagi Zone 3 Waste Champions

4.1.20. Activity conducted by Environment & Conservation Division, MECDM – Solomon Islands

Overview of the activity:

The International Coastal Clean-up Day was implemented in the Solomon Islands by the Ministry of Environment, Climate Change, Disaster Management and Meteorology (MECDM) with the Support of SPREP on the 24th of September 2022. The activities involved are Awareness a week prior to the Clean-up day. Chung Wah School and Renlau Community are the selected school community where the awareness program took place.

The Clean-up program started from 8:30 am to 1:00 pm on Saturday 24th September 2022, as a half-day event. The program involves lunching from 8:30 to 9:00 am. Waste audit and cleaning of the beach from 9:00 am to 12:30 and lunch after the clean-up. The final task for the day was the transportation of waste (Two loads of Tipa truck) collected to the Ranadi landfill site for disposal.

Location: Mataniko River mouth, Honiara City

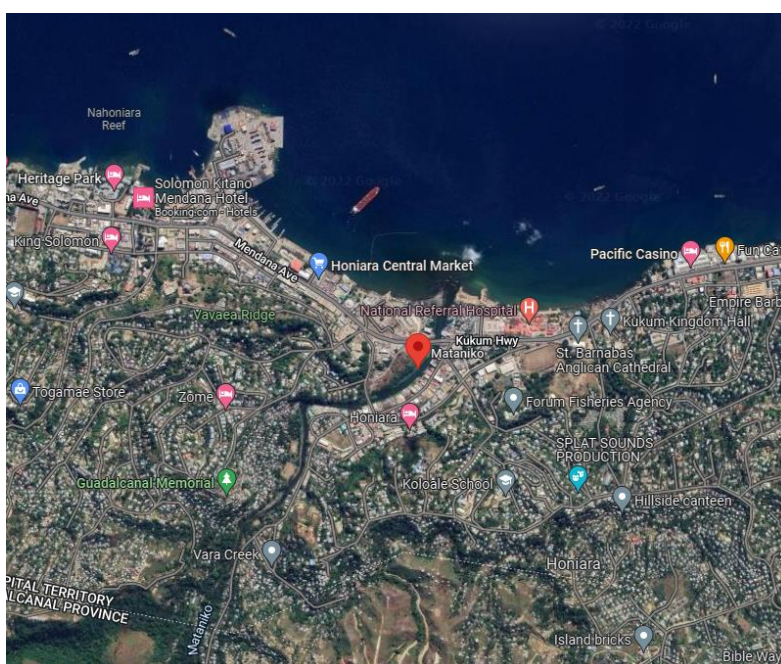


Figure 21: Clean-up area: Mataniko River mouth, Honiara City, Solomon Islands – MECDM

Participants: 64 people (27 women, 22 men and 15 children under 18)

Weight of collected waste: 154.99 kilos

Material	Type of waste	Weight (in kg)
PLASTICS	Bottle Caps & Lids	12.00
	Pet Bottles	39.60
	Food Containers	2.00
	Plastic Bags	17.40
	Scrap Cable	0.80
	Other Plastic (Diapers)	17.00
FOAMED PLASTIC	Coffee cups, styrofoam	4.95
METAL	Tin cans	0.14
	Butane gas bottle	36.10
GLASS & CERAMICS	Glass, ceramic fragments	0.50
PAPER & CARDBOARD	Paper bags, cigarette packs	0.50
OTHERS	Betel-nut skin, Coconut husks, shell	24.00
TOTAL		154.99

Table 23: Distribution and weight of waste audited by the Ministry of Environment, Climate Change, Disaster Management and Meteorology (MECDM)

4.1.21. Activity conducted by Friends of the City – Solomon Islands

Overview of the activity:

The Friends of the City executive met to plan the dates and program for an awareness and clean-up day for the project. The announcement was made to the congregation of about 300 members of the Kingdom Harvest Ministry International Church in Honiara, and invitations were also extended to

youth groups and other sister churches to participate. Approximately 270 members participated in the clean-up, with 4 additional groups joining Friends of the City. Prior to the work, Friends of the City held two awareness and training meetings to raise awareness on the problem of plastics and waste in the ocean and to train the young people on data collection. The clean-up was set in the morning and lasted for two hours. The sorting, recording, and weighing of the rubbish continued for another hour and a half before the group had lunch together. The rubbish was collected and disposed at the landfill by the Honiara City Council. Ministry of Environment staff also chose to work on the river, and Friends of the City partnered with them for the coastal clean-up.

Location: Mataniko River Mouth beach

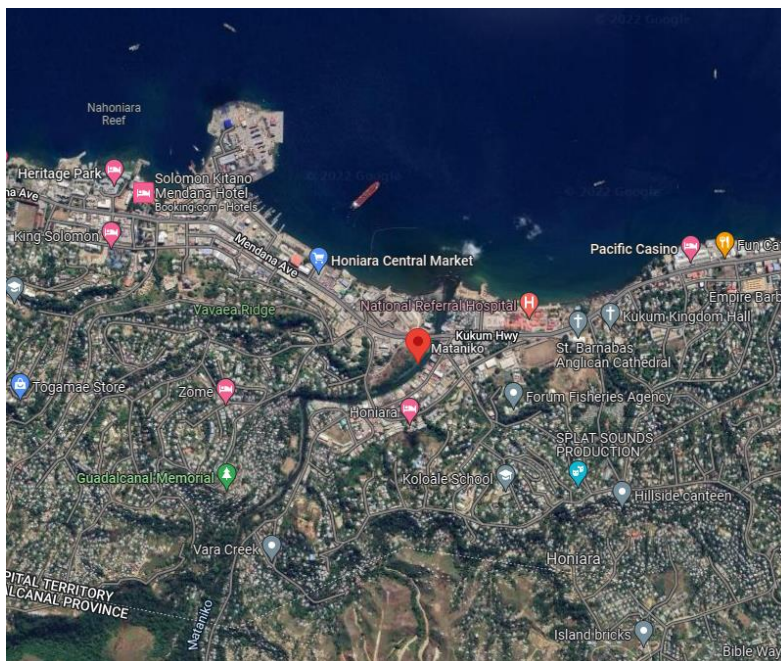


Figure 22: Clean-up area: Mataniko River mouth, Honiara City, Solomon Islands – Friends of the City

Participants: 247 people (112 women, 106 men and 29 children under 18)

Weight of collected waste: 494.50 kilos

Type of waste	Weight (in kg)
Plastic (PL01)	0.50
Plastic (PL02)	245.50
Plastic (PL04)	1.00
Plastic (PL06)	7.00
Plastic (PL07)	14.70
Plastic (PL07.01)	8.20
Plastic (PL07.02)	11.50
Metal (ME03)	14.50
Metal (ME04)	31.00
Metal (ME10)	47.30
Foam (FP02)	7.50
Foam (FP05)	3.50
Foam (FP05.01)	1.00

Type of waste	Weight (in kg)
Glass (GCO2)	7.50
Glass (GCO7)	1.50
Glass (GCO8)	0.30
Diaper (OT02)	83.50
Fliplop/Shoe (CL01.01)	8.50
TOTAL	494.50

Table 24: Distribution and weight of waste audited by Friends of the City

4.1.22. Activity conducted by Resilience, Innovation and Social Change Girls Club (RISC-GC) – Solomon Islands

Overview of the activity:

Resilience Innovation and Social Change Club (RISC-GC) has conducted a coastal cleanup in front of the Mataniko river on Saturday 17th September 2022 to mark the International Coastal Cleanup Day. The cleanup event involved volunteers from the community of Tuvaruhu and was led by RISC-GC President 18-year-old Ms. Bethlyn Bobby. Through the cleanup activity, young people was able to advocate for proper waste disposal and clean Honiara city. All the waste collected during the even was sorted, weight and recorded before transported to the Honiara landfill for proper disposal.

Location: Mataniko coastal area, at the very mouth of the Mataniko river

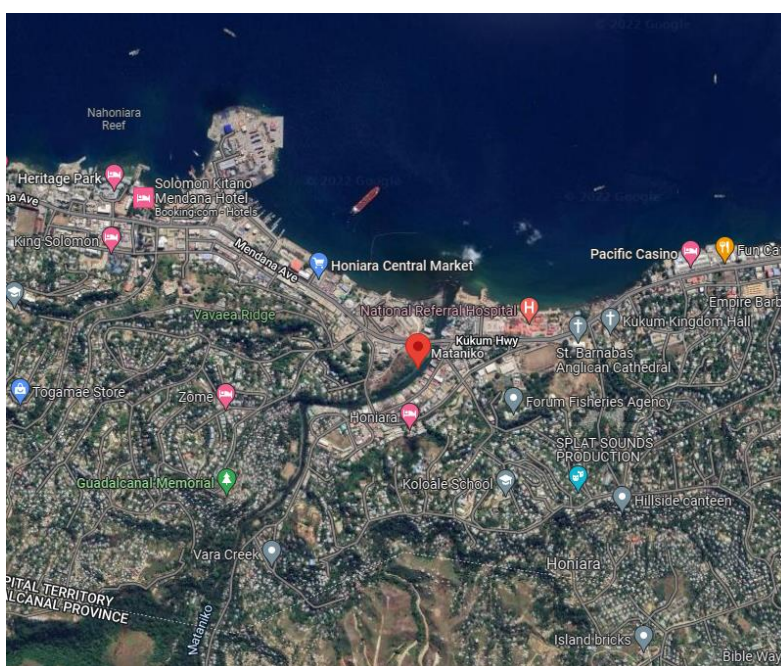


Figure 23: Clean-up area: Mataniko River mouth, Honiara City, Solomon Islands – Resilience, Innovation and Social Change Girls Club (RISC-GC)

Participants: 33 people (15 women, 11 men and 7 children under 18)

Weight of collected waste: 271.90 kilos

Type of waste	Weight (in kg)
Plastic bottles	84
Butane gas bottles	26
Tuna cans	21
Pieces of table wires	5
Baby Diapers	23
Disposal plates	2.5
Disposal cups	1.1
Wooden utensils	23
Wood and sticks	13
Washing detergent bottles	3
Drinking straws	0.5
Slippers	2
Plastic bags	19
Fishing strings	26
Pieces of cloths	15
Carpets	5
Playing cards	0.8
Cloth pegs	2
TOTAL	271.90

Table 25: Distribution and weight of waste audited by Resilience, Innovation and Social Change Girls Club (RISC-GC)

4.1.23. Activity conducted by Waste Management and Control Division (WMCD) of Honiara City Council – Solomon Islands

Overview of the activity:

On Saturday, September 24th, 2022, a clean-up activity was carried out at the designated site. The activity began with opening remarks and a briefing on safety rules and guidelines. The survey area was marked out and the clean-up began at 10am. The waste was collected and sorted into various categories for auditing. The waste management team kept record of the waste and entered the data into a survey sheet. The waste was then transferred to the pick-up location and loaded into collection vehicles. Bulky waste was loaded into a skip bin for final disposal at the landfill site. At the end of the clean-up, all participants were offered refreshments.

Location: Karaina Coastline Area, west of Honiara City.



Figure 24: Clean-up area: Mataniko River mouth, Karaina Coastline Area, west of Honiara City, Solomon Islands – Waste Management and Control Division (WMCD) of Honiara City Council

Participants: 60 people (20 women and 40 men)

Weight of collected waste: 511.29 kilos

	Type of waste	Weight (in kg)
PLASTICS	Bottle Caps & Lids	0.26
	Pet Bottles	4.35
	Food Containers	0.11
	Food wrappers	0.02
	Cigarettes butts	0.05
	Other Plastic (Diapers)	NA
METAL	Aluminium can drinks	0.87
	Butane gas bottle	4.41
GLASS & CERAMICS	Glass, ceramic fragments	0.37
RUBBER	Flip flops	0.85
OTHERS	Wrecked Vehicle (Bulky)	Estimate (500kg)
	TOTAL	511.29

Table 26: Distribution and weight of waste audited by the Waste Management and Control Division (WMCD) of Honiara City Council

4.1.24. Activity conducted by Pacific Ocean Litter Youth Project (POLYP) - USP & Suva Harbour Foundation - Fiji

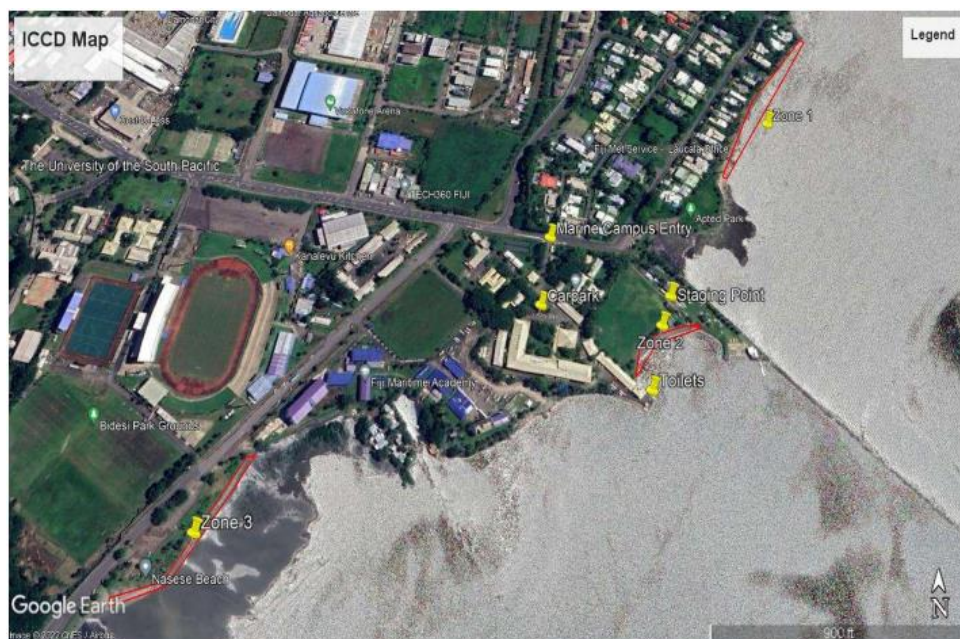
Overview of the activity:

At the start of the event, participants were briefed and signed a registration form. By 8:30, they had been assigned to one of three coastal cleanup locations and began collecting waste within designated areas. At 10:00, everyone returned to the staging area and the waste was counted, weighed, and sorted. A marine litter art project also took place during this time.

Location: 4 sites

1. Staging Area: USP Marine Campus
2. Zone 1: Apted Park, Suva Point
3. Zone 2: USP Marine Campus Foreshore
4. Zone 3: Fiji National University Maritime Centre Foreshore.

Figure 25: Clean-up areas: USP Marine Campus, Apted Park, USP Marine Campus Foreshore and Fiji National University Maritime Centre Foreshore, Fiji – USP & Suva Harbour Foundation



Participants: 105 people (48 women, 32 men and 25 children under 18)

Weight of collected waste: 704.92 kilos

Type of waste	Weight (in kg)
PET	30
Household wastes	361
Large Plastic Items	53
General Waste	157
Others	50
TOTAL	651

Table 27: Distribution and weight of waste audited by USP & Suva Harbour Foundation - USP Marine Campus

Material	Type of waste	Weight (in kg)
PLASTICS	Bottle caps and lids	0.0537
	Bottles	0.0236
	Cigarette lighters	0.0276
	Clothes pegs	0.0183
	Food containers	4.2139
	Lollipop sticks	0.0018
	Food wrappers	0.1322
	Pens and stationary	0.0271
	Plastic bags	0.1886
	Plastic utensils	0.02
	Bottle neck rings	0.0042
	Straws	0.0079
	Tooth brushes /cosmetics	0.6331
	Safety and construction	0.2484

Material	Type of waste	Weight (in kg)
FOAMED PLASTIC	Unidentified hard plastics	3.0653
	Unidentified soft pastics	0.1442
	Polystyrene cups	0.0186
	Polystyrene insulation	0.9291
GLASS & CERAMIC	Glass bottles	1.1048
	Glass fragments	2.8476
FABRIC & TEXTILES	Shoes	0.82
METAL	Aluminium drink cans	0.9404
RUBBER	Shoes	0.7702
PAPER	Cigarette pallets	0.0198
OTHER	Sanitary items/ diapers	0.2158
	Covid/surgical masks	0.0091
	Cigarette pallets	0.0198
TOTAL		16.4853

Table 28: Distribution and weight of waste audited by USP & Suva Harbour Foundation - Apted Park

Material	Type of waste	Weight (in kg)
PLASTICS	Bottle caps and lids	6.181
	Bottles 2litrs	1.1957
	Cigarette lighters	0.0367
	Clothes pegs	0.1069
	Food containers	0.6478
	Food wrappers	0.7714
	Lollipop sticks	0.0286
	Pens and stationery	0.0627
	Plastic bags	0.11305
	Rope	0.032
	Straws	0.0479
	Plastic utensils	0.0463
	Unidentified hard plastics	0.3557
	Unidentified soft plastics	0.4825
FOAMED PLASTIC	Polystyrene insulator/ packaging	0.2095
FABRIC & TEXTILES	Carpet and furnishings	8.31
	Clothing, towels, linen	0.22109
	Rope, string	0.0329
GLASS & CERAMIC	Bottles and jars	0.31097
	Glass and ceramic fragments	0.8711
METAL	Aluminium drink cans	0.03114
	Construction material	3.2743
RUBBER	Inner tubes and rubber sheet	0.5139
	Rubber footwear	1.2705
	Tyres	0.2486
	Unidentifiable rubber fragment	0.3675
WOOD	Processed timber	0.32528

Material	Type of waste	Weight (in kg)
OTHER (Sanitary Items)	Diapers, female hygiene waste	11.28
	Cosmetic and medical packaging	0.0665
TOATL		37.44153

Table 29: Distribution and weight of waste audited by USP & Suva Harbour Foundation - USP Marine Campus Foreshore

4.2. Overview of Waste Audits

According to the 24 waste audit surveys conducted, 7,770 kilos of waste was collected during the International Coastal Clean-up Day 2022. These marine litter collected was thanks to the engagement of 2,147 volunteers, including 818 women, 647 men and 682 children under 18, from Cook Islands (1 activity), Fiji (4 activities), Samoa (4 activities), Solomon Islands (11 activities), Vanuatu (1 activity), and Wallis and Futuna (3 activities).

The two graphics below shown the distribution of the rubbish collected and audited:

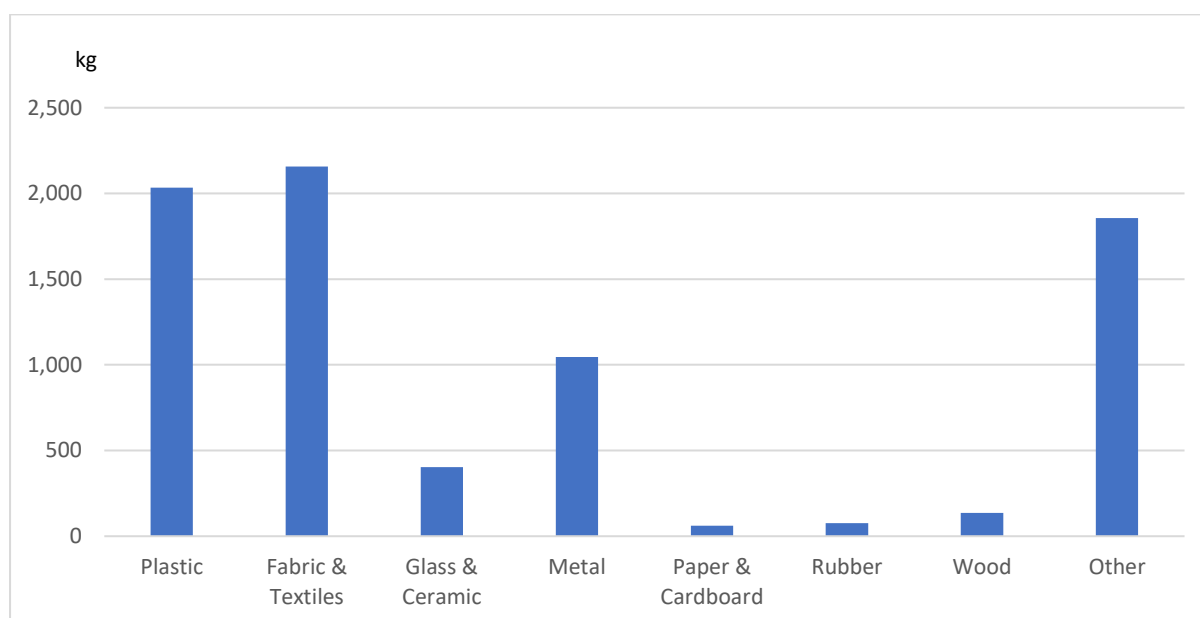


Figure 26: Quantity of waste collected and audited during the 24 clean-up activities

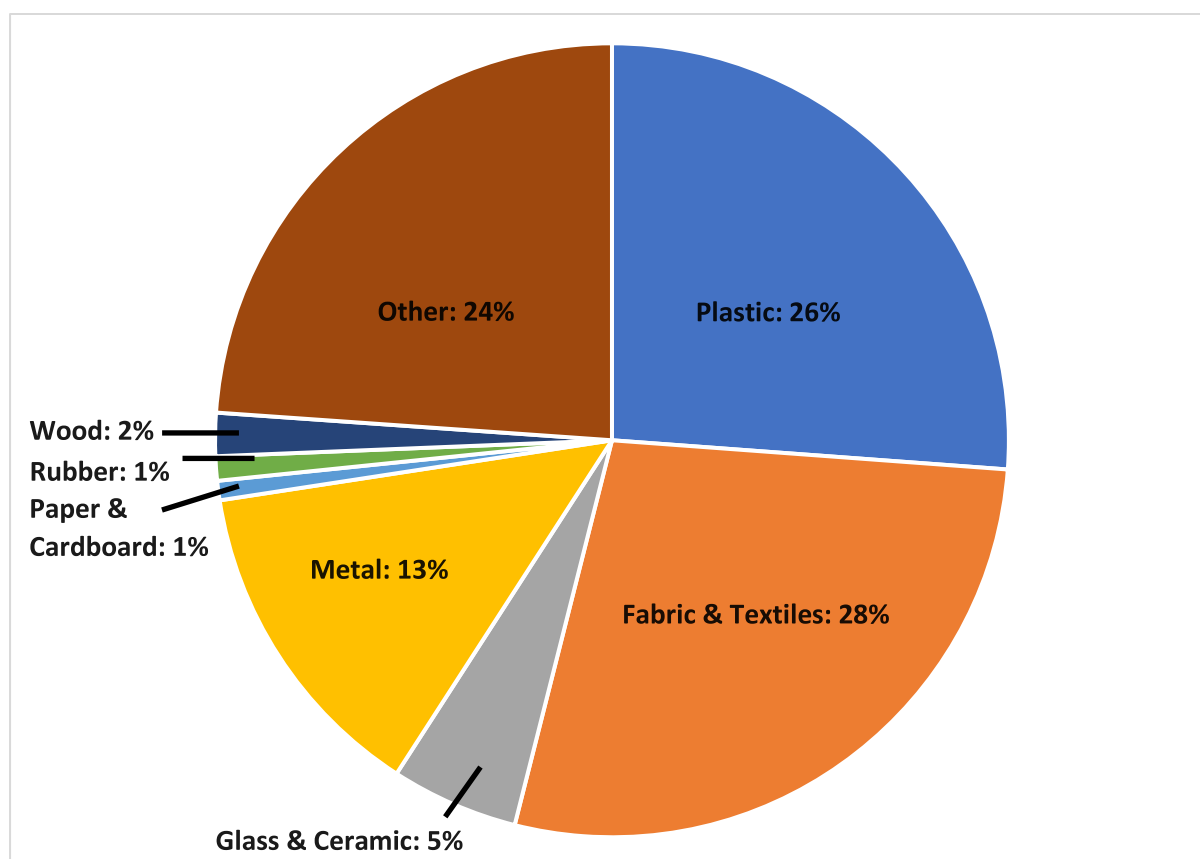


Figure 27: Distribution per weight of waste collected and audited during the 24 clean-up activities

These two graphics highlight that, in terms of weight, fabrics and textiles represent the most significant part (2,158 kg - 28%) of the rubbish collected and audited followed by plastic (2,034 kg - 26%) and metal (1,045 kg - 13%); this does not include the “other” category. The possible reason for the high weight of fabric and textiles is mainly due to the water weight that fabric absorbs.

The significant amount of waste collected within the International Coastal Clean-up Day 2022 (7.77 tons), which can be harmful to marine life and the ecosystem highlight the need for improved waste management and reduction strategies in the Pacific, specifically targeting plastic and metal waste for recycling purposes.

4.3. Recommendations

Based on the data from International Coastal Clean Up Day in the Pacific, plastic is one of the most prevalent type of waste found on the coasts. This is a concerning issue and it is recommended that actions be taken to reduce plastic usage and increase recycling efforts. Additionally, there is a significant amount of metal, fabric and textiles, and other waste found on the coasts. It is recommended that more education and awareness campaigns be implemented to encourage proper disposal of these materials. Overall, it is crucial that steps be taken to address the waste issue in order to protect our oceans and marine life.

SPREP fully supports the global and regional movements to reduce plastic usage and protect natural resources, such as the SWAP project and Pacific Ocean Litter Project (POLP). In light of the growing trend towards banning single-use plastics, SPREP encourages Pacific islands to take a leading role in this positive action.

5. AWARENESS MATERIALS

The goal of the activities during the event was not only to engage the participating communities and associations, but also to raise awareness among the broader Pacific Islands population. To achieve this, applicants were encouraged to hire a consultant to create audio-visual materials. Each candidate had the option to create either a video highlighting the event or a series of portraits with accompanying quotes.

Thus, 24 associations have produced video content from their beach clean-up activities. However only 15 videos have been uploaded on SPREP's YouTube channel and are available on the links below:

- Video produced by SRWMA: <https://youtu.be/Y1j0vuNekgs>
- Video produced by A Vaka Heke: <https://youtu.be/ZVi4Ou9CeNY>
- Video produced by MNRE – Puipaa Clean-Up: <https://youtu.be/5y5tNarAk8w>
- Video produced by MNRE Malaefatu Clean-Up: <https://youtu.be/7HCf0Ein9IE>
- Video produced by Temotu Provincial Government (TPG) : <https://youtu.be/O9qvcUG1X5o>
- Video produced by Ward 9 Development Committee (WDC) Graciosa Bay: <https://youtu.be/qdG7stjVKGM>
- Video produced by Vanuatu Climate Action Network (VCAN) : <https://youtu.be/uZRNxDesgC4>
- Video produced by Association des pêcheurs « Faiva Tautai »: <https://youtu.be/lj4cbzTDb1M>
- Video produced by Association Foyer Socio Educatif Collège (FSE) VAIMOANA: <https://youtu.be/Lzll4UDQ40g>
- Video produced by Community Centred Conservation - Fiji Program (C3Fiji) : <https://youtu.be/llh5ANG3SAo>
- Video produced by Samoa Conservation Society: <https://youtu.be/0y5o5nGMXYy>
- Video produced by Environment & Conservation Division, MECDM: https://youtu.be/iYi6_6Vaabo
- Video produced by Friends of the city: https://youtu.be/3WX_9ll3nBA
- Video produced by Waste Management and Control Division (WMCD) of Honiara City Council: <https://youtu.be/Th5W9myXDUG>
- Video produced by Pacific Ocean Litter Youth Project (POLYP) -USP & Suva Harbour Foundation: <https://youtu.be/9FFrt9AnJ08>

Appendices

- Appendix 1 – Circular 22/60 of 21 July 2022
- Appendix 2 – Training materials
- Appendix 3 – Data shared on Litter Intelligence Application
- Appendix 4 – Final Reports of Associations

Appendix 1 – Circular 22/60 of 21 July 2022



Appendix 2 – Training materials



Appendix 3 – Data shared on Litter Intelligence Application



Appendix 4 – Final Reports of Associations

