



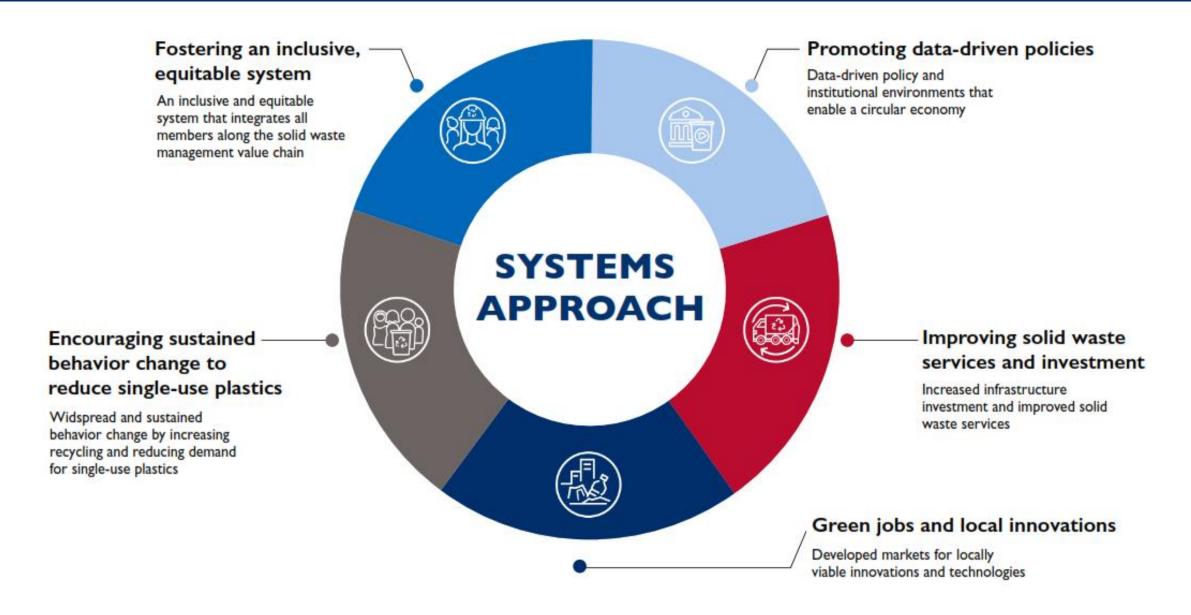
USAID's Clean Cities Blue Ocean

Working to end plastic pollution while creating an inclusive circular economy

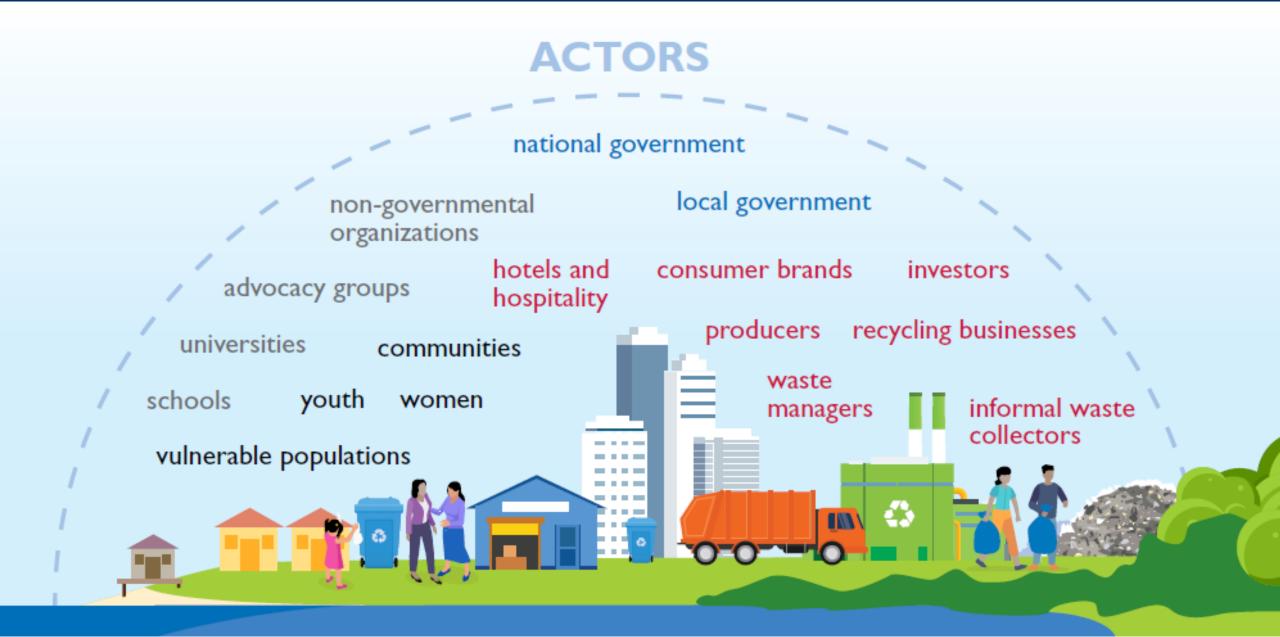
USAID's Ocean Plastics Programs Geographic Scope

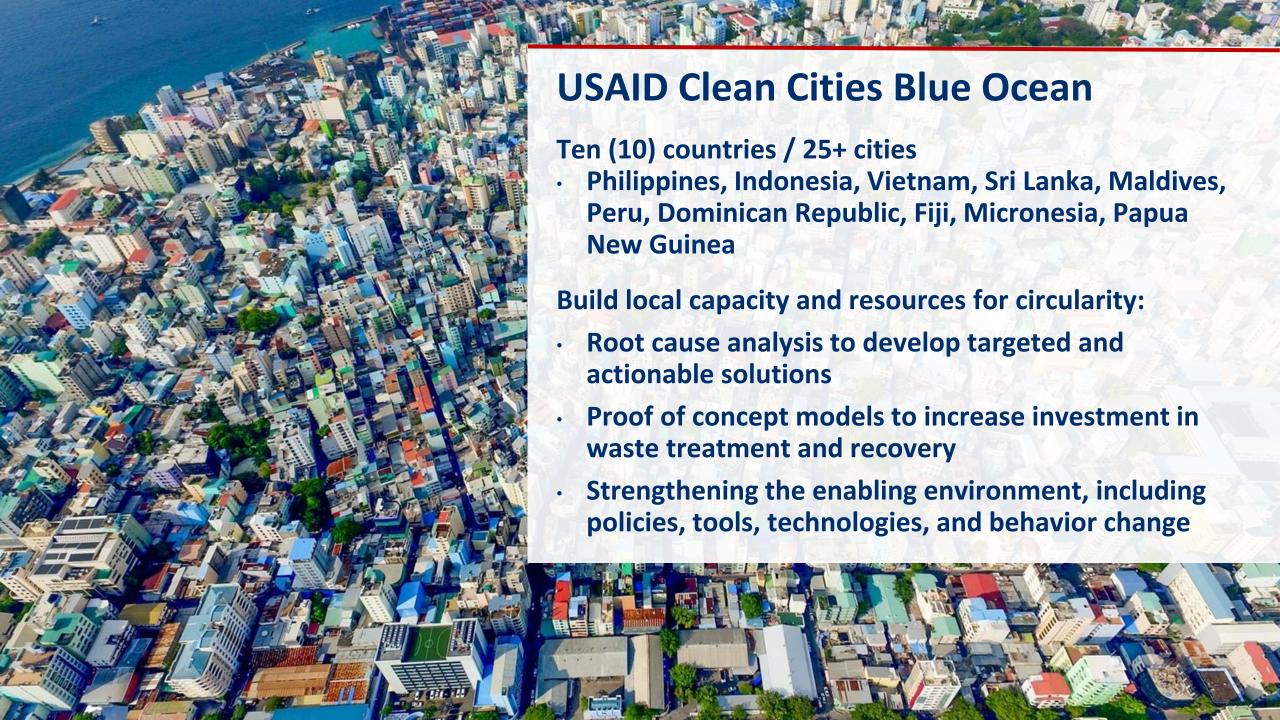


USAID's Local Systems Approach to a Circular Economy



Engaging All Stakeholders





Establishing the Foundation Building local government capacity to facilitate and sustain new systems

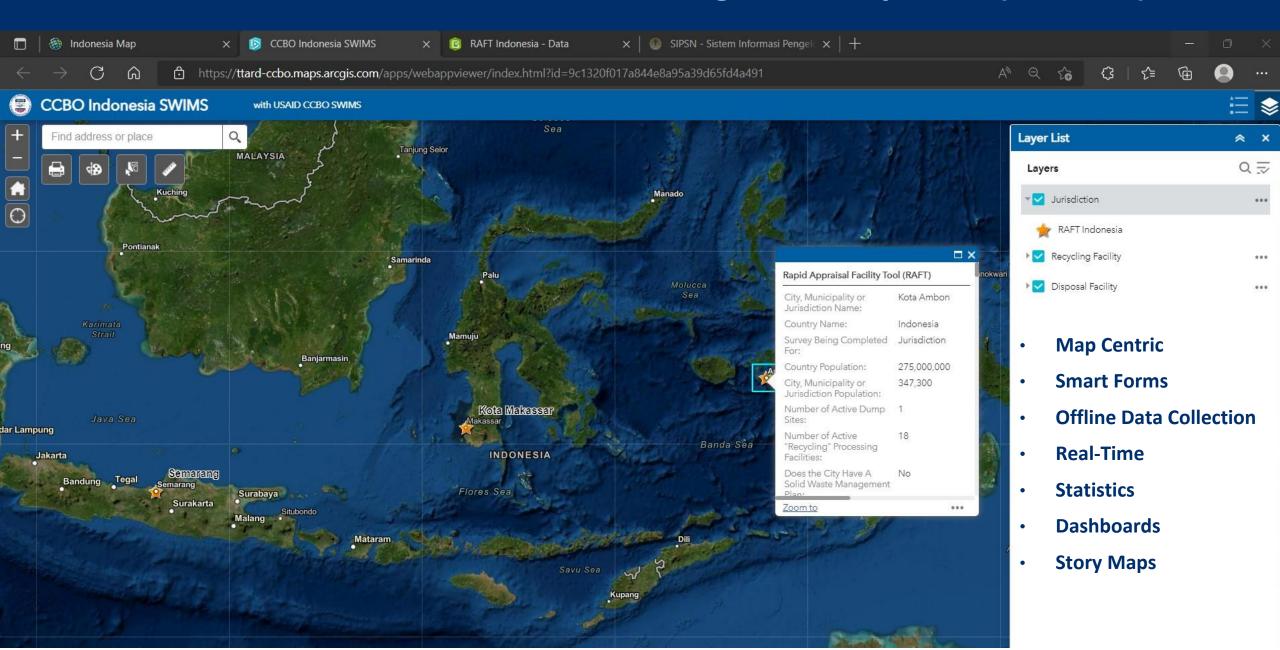
Solid Waste Capacity Index for Local Governments (SCIL) is an assessment-based tool designed to determine local government capacity around six essential areas:

- 1. Planning
- 2. Policy and Legal Framework
- 3. Financial Management
- 4. Service Delivery
- 5. Human Resources
- 6. Community Engagement

Combined with cost-of-service analysis and SWM planning, the process has already commenced in more than 17 cities



Solid Waste Infrastructure Management System (SWIMS)

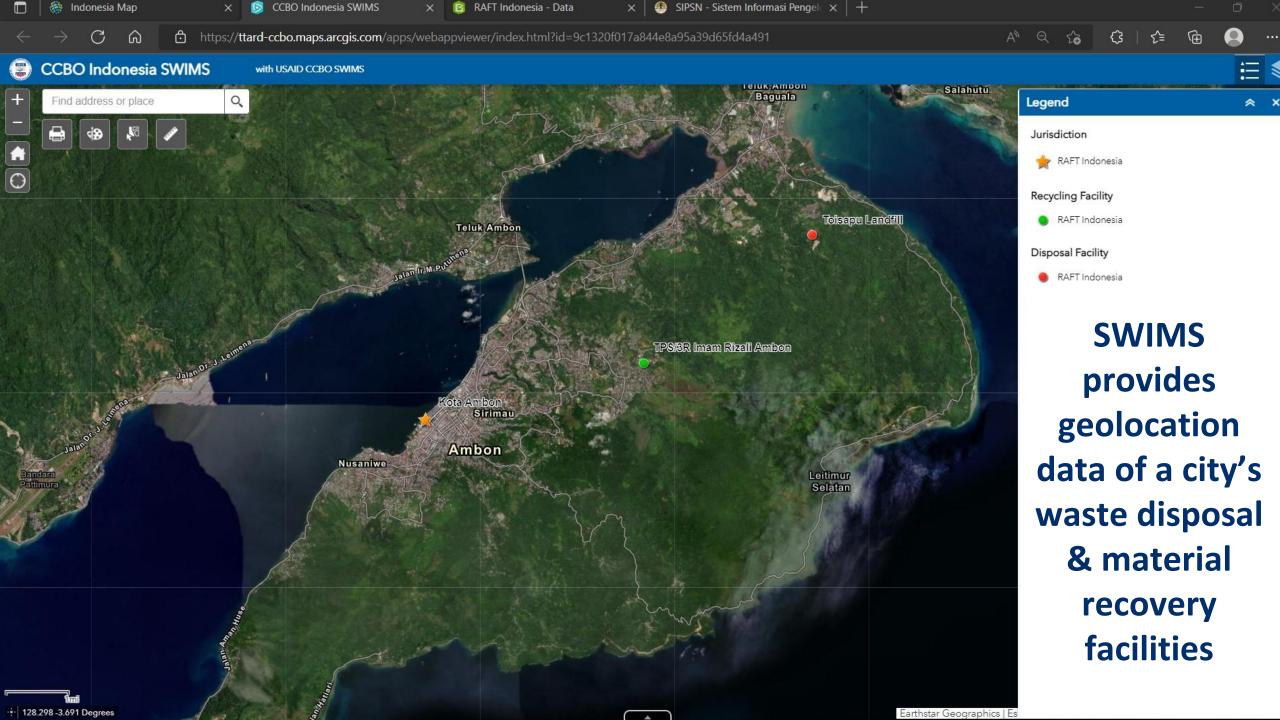


Rapid Appraisal Facility Tool Assesses infrastructure to inform solid waste management planning

A smart form, geodatabase, mapping tool



Rapid	Rapid Appraisal Facility Tool					
Disposal Facilities (Landfills and Open Dumps)						
▼ Facility Information Facility Name:		Facility Address	;:			
Type of Facility: (Select from List) Sanitary Landfill Controlled Dump Open Dump Other		Facility Ownership: (Check One) Municipality/Local Government Private Combination Public/Private Other Unknown				
Does the Facility Have Water, Sewer and/or Power: (Check All That Apply) Water Sewer Power Septic Tank		Days of Operation: (Check All That Apply) Monday Wednesday Friday Sunday Tuesday Thursday Saturday Saturday				
▼ Hours of Operation:						
	w many full-tir men:	me staff are	Total Nu Staff:	umber of Part-Time		
Fequipment Is There an Entrance Gate and Fence: Yes No No Is There a Weighbridge or Scale-House: Yes No						
Is There a Gate Attendant on Duty During Operating Hours: Yes No		Pick-up Trucks Comp Dump Trucks Back Road Graders Grap		Skip Loaders Compactors Back Hoes Grapple Loader		



Sample of Data Collected from Materials Recovery Facility

Primary data collected via:

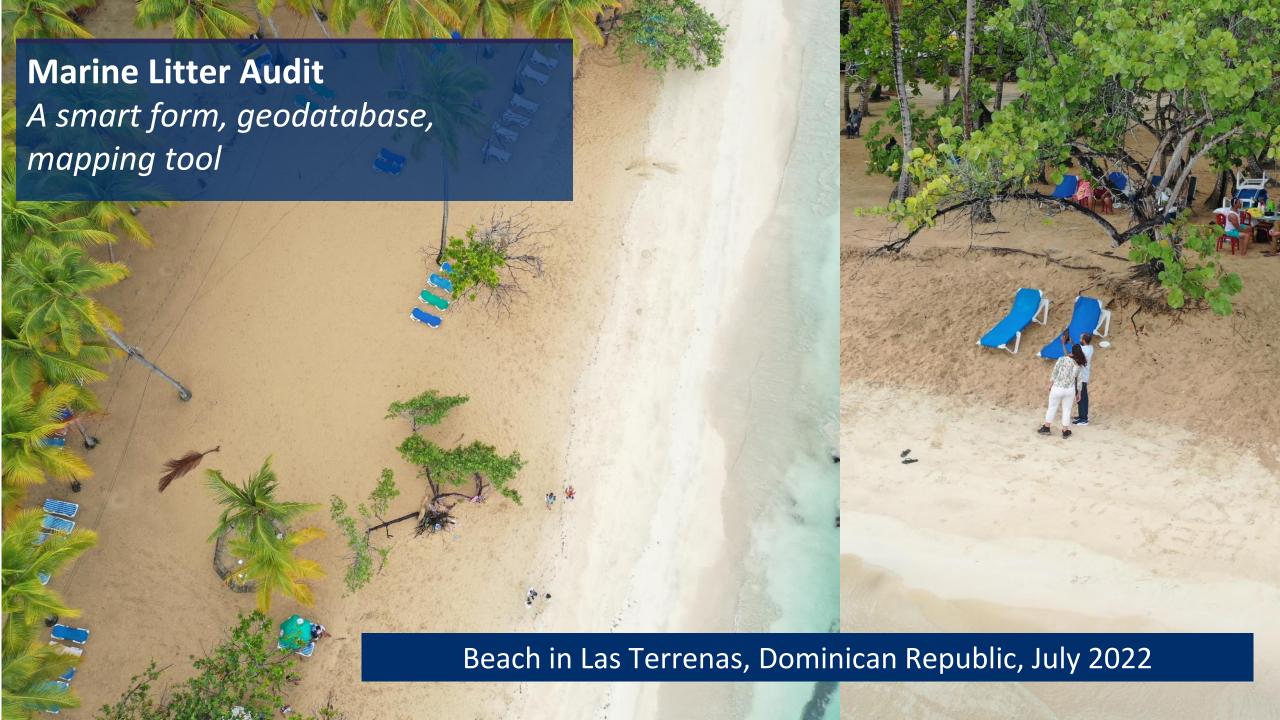
- Interview manager/workers
- Observations / Visual evidence

□ Location & Size □ Equipment type & condition □ Workers (informal, women) □ PPE available □ Materials accepted □ Rates charged □ Conditions (e.g. animals on site)

USAID Rapid Appraisal Facility Tool (RAFT) Segregagated Waste Facility Fact Sheet Recycling and/or Organics

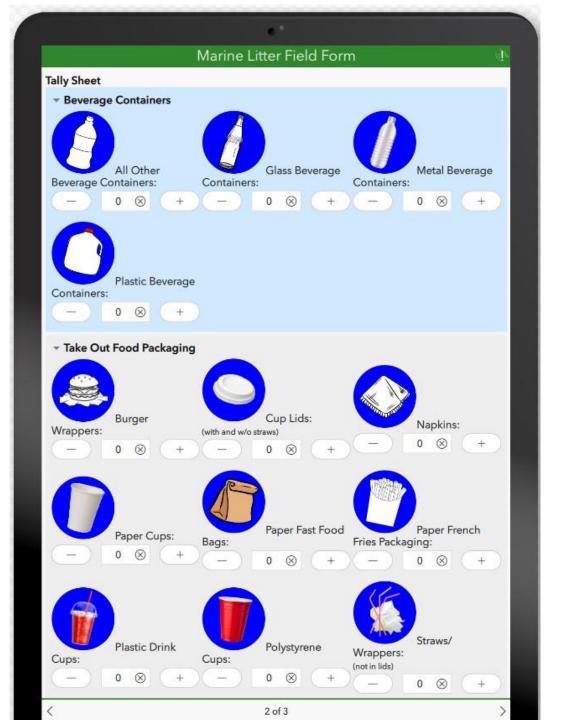


General Information			
Facility Name:	TPS/3R Imam Rizali Ambon		
Facility Address:	Jl. Ust Harmin Mursalim SHI, Batu Merah, Kec. Sirimau, Kota Ambon		
Type of Facility:	Small Recycling Facility, Separate Organics Facility, Combined Recycling & Organics Facility, TPS/3R (Indonesia Only)		
Facility Ownership:	Municipality/Local Government		
Days of Operation:	Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday		
Estimated Number of Households Served:	80 households		
Is there a Weighbridge and Scale House on Site:	No		
Estimated (or True) Size of Plot (List Feet or Meters)	1,200 Square Meters		
Approximate Size of Sorting Area:	200 m ²		
How Long Has Facility Been Operating:	4 years		
Utilities on Site:	Water, Power, Septic Tank		
Number of Total Full Time Staff:	Two (2)		
Number of Women Full Time Staff:	None		
Materials Accepted:	# 1PET, #2 HDPE, #3 PVC, #4 LDPE, #5 PP, Aluminum Cans, Cardboard, Paper, Yard Waste		
Where is Residue (Trash) Sent for Processing:	Toisapu Landfill		
What Rates are Charged to Unload:	None		
What On-Site Equipment is Available:	Scale, Bag Shredder		
What Condition is the Equipment In:	Good		
Sorting Line/ Conveyor Belt System in Place:	No		
What PPE is Available to Staff:	Gloves, Shoes		
Feedstock Origin (For Biodegradables Only)			
Mixed Waste Sorted with Onsite Separation:	Yes		



Marine Litter Field Form

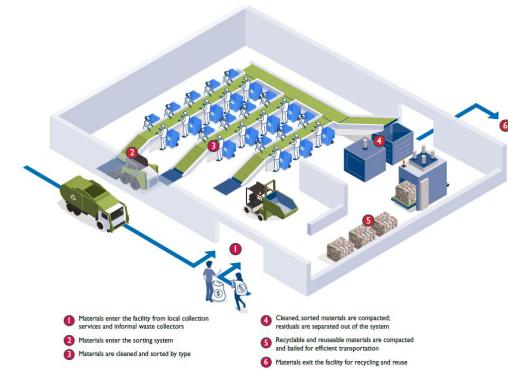
- For collecting primary data on litter found in beach areas, waterways, streets, roadways, parks
- With little training, can be used by local government staff
- Ensures that data collected are standardized and mapped to identify hotspots
- Creates statistically credible data with a simple survey that measures the rate, extent and composition of litter observed



Building Basic Infrastructure for Sorting and Aggregation in Parañaque City, Metro Manila

A holistic approach:

- After SCIL, supporting data-driven Solid Waste Management Planning, cost-of-service analysis
- Right-sizing and strengthening recycling infrastructure through improvements to an existing Material Recovery Facility that will increase output and create local jobs
- Working with public and private sources for feedstock and offtake agreements







Improving solid waste services through more efficient collection and routing

- Optimizing collection routes in Pisco, Peru
 - Analyzing collection routes and identifying redundancies
 - Updating automated mapping tools and repairing vehicles
 - Efficient routing creates capacity for preventive maintenance
- for waste collectors in Puerto Princesa,
 Philippines
 - Providing basic tools and resources, uniforms and equipment to increase effectiveness, efficiency and community pride





