

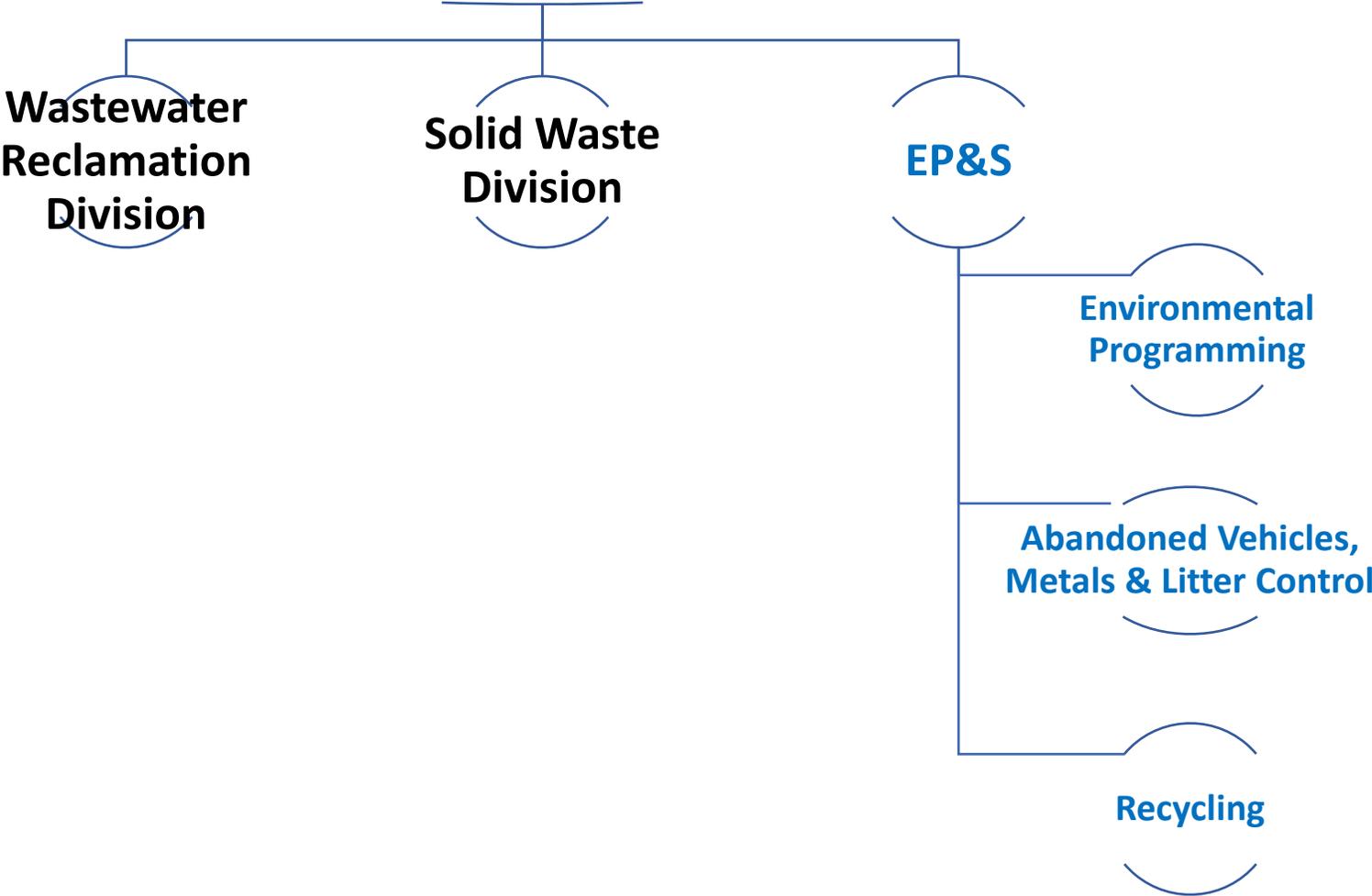


COUNTY OF MAUI
**Environmental
Protection &
Sustainability
Division**

ADEPT: Agriculture, Diversification, Environment, and Public Transportation Committee

February 20, 2025

Department of Environmental Management



EP&S FY25 Budget Status

Monies spent as of 01/31/2025:

- Administration: 100.4%
- Environmental Programming Section: Ops 9.2%
- Abandoned Vehicles & Metals Section: 38.4%
- Recycling Section: 90.6%

Environmental Programming

- Legislation Enforcement & Compliance:
 - Mineral Only Sunscreen Maui County
 - Disposable Bodyboard Ban
- Community Outreach & Education
 - Sustainability Together Speaker Series on locally-led solutions
- Interagency Coordination (County & State) on Reporting & Resolving Environmental Violations
- Green Grants Program
- Upcoming: CARP—Climate Action & Resilience Plan

SUSTAINABILITY TOGETHER: COMMUNITY-LED REGENERATIVE ACTION

GRASSROOTS GUARDIANS

BATTLING INVASIVES IN MAUI COUNTY
MAY 30, 2024 5-8:30 PM

Maui Ocean Center Sphere
STREAMED LIVE
SCAN FOR MORE INFORMATION



OR VISIT
www.maui-county.gov/eps

PANELISTS:

- Trisha Wilson, Maui Invasive Species Committee
- Sara Tekula, Kula Community Watershed Alliance
- Maile Davis, Mālama Hāmākua
- Miki'ala Makanamaikalani Pua'a-Freitas, Kapuna Farms

Environmental Protection & Sustainability Division
COUNTY OF MAUI

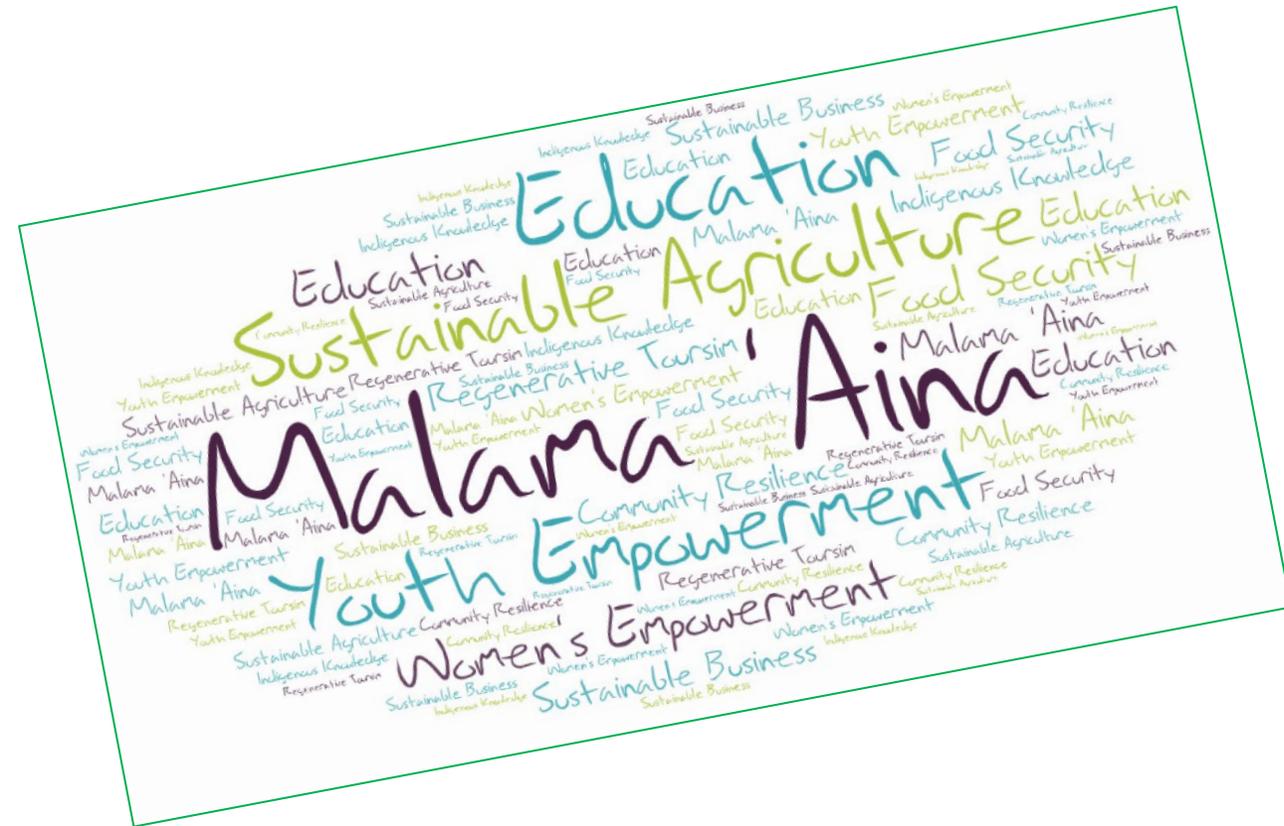
MAUI OCEAN CENTER

MISC
MAUI INVASIVE SPECIES COMMITTEE

Art by LOINDA FLOW

Green Grants Program

- Funds broad range of community-led sustainability projects, including four provisos across 9 funding streams totaling \$5.86M
 - Environmental protection
 - Invasive species
 - Marine health
 - Seabird recovery
 - Wetlands restoration
 - Green buildings & resilient housing
 - Renewable energy
- Projects focusing on women, youth, and traditional native Hawaiian practices and approaches encouraged
- FY25: 38 grants
- FY26 launching on July 1



Environmental Programming Grant Status

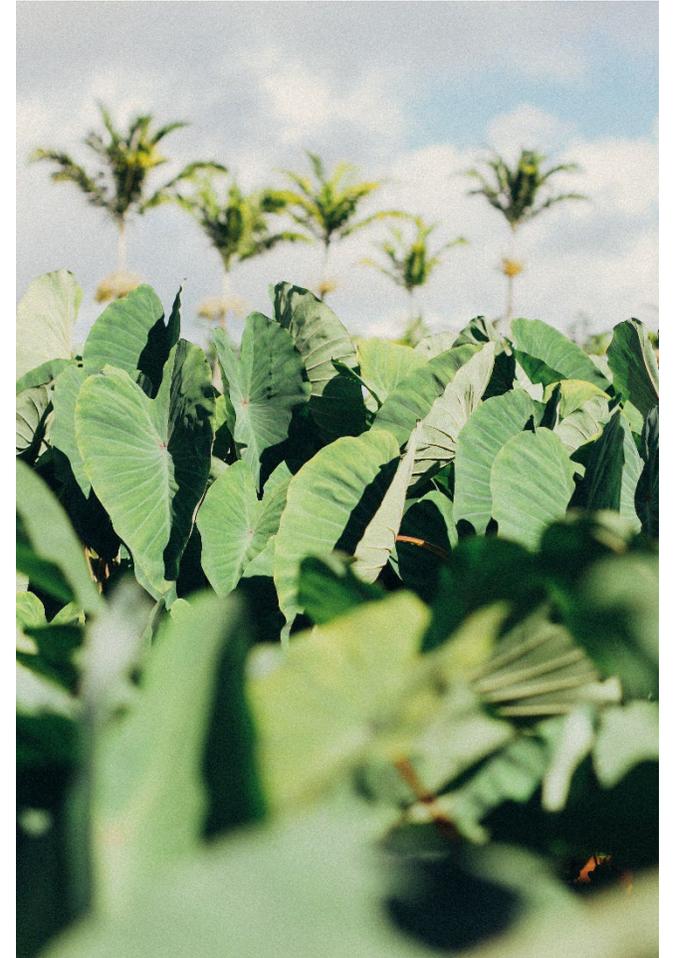
		WORKING BUDGET	YTD	ENCUMBRANCE (\$)	SPENT (%)
COMPETITIVE FUNDING STREAMS					
Green Grants	919733B	\$160,000.00	\$116,602.48	\$53,394.52	73%
Environmental Protection	919731B	\$490,000.00	\$117,658.00	\$246,672.36	24%
Green Building and Resilient Housing	919743B	\$44,000.00	\$12,000.00	\$12,000.00	27%
Maui County Wetlands Grants	919745B	\$800,000.00	\$279,250.00	\$520,750.00	35%
Renewable Energy	919746B	\$100,000.00	\$50,000.00	\$50,000.00	50%
		\$1,594,000.00	\$575,510.48	\$882,816.88	36%
PROVISO/ CONDITIONAL FUNDING STREAMS					
		WORKING BUDGET	YTD	ENCUMBRANCE (\$)	SPENT (%)
Maui Invasive Species Committee	919739B	\$2,800,000.00	\$364,861.27	\$2,435,138.73	13%
Maui Nui Marine Resource Council	919741B	\$225,000.00	\$225,000.00	\$225,000.00	100%
Maui Nui Seabird Recovery Project	919742B	\$82,500.00	\$82,500.00	\$82,500.00	100%
Ko'i'ula Wetlands*	919732B	\$200,000.00	\$0.00	\$0.00	0%
Waikapū community beautification*	919738B	\$10,000.00	\$0.00	\$0.00	0%
Mālama Kakanilua*	101157B	\$150,000.00	\$150,000.00	\$150,000.00	100%
		\$3,467,500.00	\$822,361.27	\$2,892,638.73	24%
<i>*Routing for execution</i>					

FY25 challenges and weaknesses

- Staffing / Hiring (compensation vs. cost of living; housing shortage)
- Software and database systems need updates
- Need to continue to develop Standard Operating Procedures to streamline tasks

FY25 Successes & Strengths

- **Successful implementation & enforcement of County ordinances**
 - **Mineral Sunscreen Ordinance**
 - **Disposable Bodyboard Ordinance**
- **FY25 Green Grants Program expansion from \$160,000 to \$5.86M**
- **Community clean-ups and waste collection:**
 - **With Councilmember Lee's Office: Malama Kula Green Waste Container Program**
- **Systems / process improvements**
 - **Green Grants Program to Calendar Year to address funding delays**



FY26 opportunities

- Increasing collaboration & sustainability impact
- Developing Resilience Hubs & other climate change programs
- Improving public relations
- Improving EP&S processes
- Building community buy-in of environmental stewardship
- Developing partnerships within COM to better achieve goals
- Begin implementation of the CARP



Abandoned Vehicles & Metals Section



Environmental
Stewardship

Litter Control

Vehicle
Recycling

Bulky Item
Recycling

Strategic
Advancement

AVM: Environmental Stewardship

Before



After



Ukumehame 2024

- **Litter cleans ups:**

- Pulehu Roads (Monthly)
- Hamakualoa (Haiku)
- Paia By Pass (Monthly)
- Kahului Harbor
- Ukumehame mile marker 13.5
- Honokohau
- Waihee & Molokai Sea Cliffs via Helicopter support
- Hot spot tracking and response all Maui County

- **Environmental Stewardship**

- Education – media publication, presentations, tabling
- Engagement – volunteer opportunities
- Art of Trash - community litter discussion

AVM: Recycling

Community Container Assistance Program



At Ke'anae Uka
2024



- **Bulky Item Recycling:**
 - Go Green West Side Events (next is Feb 22)
 - Hana Metals Events
 - Molokai Metals Facility
 - Lanai Metals Events
 - Hammerhead Metals Maui
- **Community Container Assistance Program**
 - Container support for community groups hosting recycling events to remove metals, appliances, tires
- **Vehicle Recycling**
 - Free vehicle towing and recycling on Molokai, Lanai and Maui for Maui County Residents
- **Abandoned Vehicles Program**
 - Management of abandoned vehicles program and all associated paperwork
 - Continuation of disaster vehicle management

AVM: Strategic Advancement



Future Goal: Dumpsite Prevention & Better West Side Recycling Waste Infrastructure

FY 25 Action Taken: AVM Successfully applied to E.P.A. The Solid Waste Infrastructure for Recycling grant program to install and operate two West Side collection centers: one in Honokowai and one in Honokohau. Grant request: \$3,607,065.00

Future Goal: Contamination Reduction

FY 25 Action Taken: AVM Successfully applied to an E.P.A. Brownfields Coalition Assessment grant to test for contaminants, hire specialists for contamination remediations plans, work with community partners for revitalization of parcels in Molokai, Lahaina, and Wailuku: Grant Request: \$1,200,000

Future Goal: Ecological Restoration

FY 25 Action Taken: Initiation of the Ho'ōla 'Āina Restoration Project in Ukumhame. AVM and partners have removed more than 30,000 lbs of trash from a dumpsite in Ukumehame. Working now with Maui United Way and other partners to prepare for ecological restoration initiative

AVM: Budget Status

As of 02/18/2025:

AVM Operations	Budget	Budget	Budget
FY 25 OVERVIEW	Total	Encumbered	Spent
Metals + Litter Program	\$1,039,553.00	100%	41%
Abandoned Vehicles Program	\$1,103,711.00	69%	48%
Vehicle Disposal Fund	\$2,330,200.00	100%	22%
AVM Grants	Budget	Budget	Budget
FY 25 OVERVIEW	Total	Encumbered	Spent
Go Green West Side Recycling	\$80,000.00	100%	75%
Malama Maui Nui - Litter Control	\$461,000.00	100%	85%
Malama Hamakualoa	\$50,000.00	100%	25%
Paia By Pass Clean Up	\$30,000.00	100%	80%

RECYCLING SECTION OVERVIEW

Education & Outreach related to waste diversion and related legislation

- Malama Aina Keiki Program (distribute 13,000 educational kits annually)
- Ongoing: distribute promotional items, community events, website, Wish-Cycling, Bring Your Own, Recycling Hotline, etc..

Organics Hauling and Diversion Programs

- Administer operations and maintain regulatory compliance at the Central Maui Landfill to process on average 6,000 tons of FOG, 20,000 tons of biosolids, and 7,000 tons of green waste annually
- Implement organics hauling and diversion programs throughout Maui County

Legislation Enforcement of 5 Ordinances

- Ongoing enforcement: Ordinance No. 3587 Plastic Bag Ban, Ordinance No. 4457 Polystyrene Food Service Containers, Ordinance No. 5084 Plastic Foodware Ban, Ordinance No. 2940 Liquor Service Establishments Non-ADF Recycling Mandate
- An average of 75 inspections annually, resulting in an average of 35 instances of non-compliance

Household Hazardous Waste Programs

- Used Motor Oil Recycling Program recycled about 10,000 gallons yearly
- Propane Tank Recycling Program recycles an average of 500 tanks annually
- Ongoing residential collections events

County Facilities Recycling Program

- Oversee Recycling Services at 30 County Facilities, recycling an average of 150 tons a year

RECYCLING SECTION OVERVIEW (continued)

County Recycling Centers

- Administer operations and maintain regulatory compliance at 7 County Recycling Centers throughout Maui County
- Approximately 1,800 tons recycled annually

Recycling Grant Programs

- Grants Administered:
 - Recycling Grants Program for waste diversion and reduction projects: currently 18 active grants
 - Proviso grant management as applicable: currently 1 grantee
 - ADF Glass Processor grant: currently 2 grantees
- Grants Received:
 - State Department of Health Glass Advance Disposal Fee Grant
 - State Department of Agriculture Green Waste Container and Hauling Grant

Research and Development

- Research feasibility of new technologies to develop and implement new programs as they pertain to waste diversion
- Current projects include:
 - Solar Panel Recycling Program
 - Tire Recycling Program
 - Lithium-Ion Battery Recycling
 - Glass to Aggregate Operations on Maui
 - Regional Compost Facilities

Recycling Grants Program Detail

- **FY25 Active Grants:**

- *Hoahu Energy Cooperative Molokai: PV Panel Reuse (\$24,000)
- *Hoahu Energy Cooperative Molokai: PV Garden (\$12,000)
- *West Maui Green Cycle: School Reusables Program Dishwasher (\$45,000)
- *Habitat for Humanity: Fork-Lift (\$40,000)
- *Lokahi Pacific: Cardboard to Weed Barrier Pilot (\$164,321)
- *Ridge to Reefs: Glass to Aggregate Pilot (\$96,420)
- *Malama Hamakua: Utility Terrain Vehicle (\$15,000)
- Grants Central Station: Clothing Reuse Hui (\$50,000)
- Bio Bamboo: Waste to Microbes Pilot (\$133,000)
- Honua Collective: Refill Store (\$25,000)
- Maui Huliau Foundation: Zero Waste Events, School Educational Program (\$22,000)
- Eycling Maui: Solar Panel Recycling Pilot (\$80,000)
- Upcountry Curbside Program: Curbside Recycling Pilot (\$20,000)
- Ka Lima O Maui: Paper Shredding Recycling Program (\$15,754)
- Pua'a Recycling and Farm: Food Waste Feasibility and Implementation Plan (\$59,246)
- The Sewing Hui: Clothing Repair Workshops (\$20,000)
- PROVISO: West Maui Green Cycle: School Food Waste Composting Program (\$400,000)
- PENDING: Haleakala Biochar: Lanai Green Waste to Soil Remediation Bio-Char Pilot (\$TBD)

*Extended from FY24

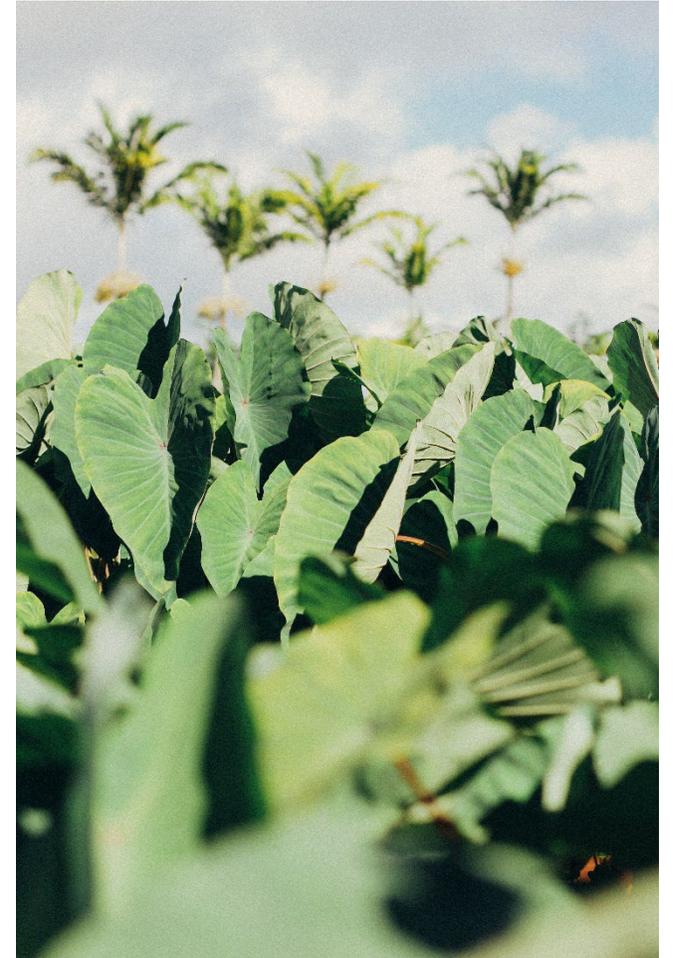
- **FY26 launching in April 2025**

FY25 challenges and weaknesses

- **Insufficient funding to pilot on-island recycling processes through Recycling Grants Program**

FY25 Successes & Strengths

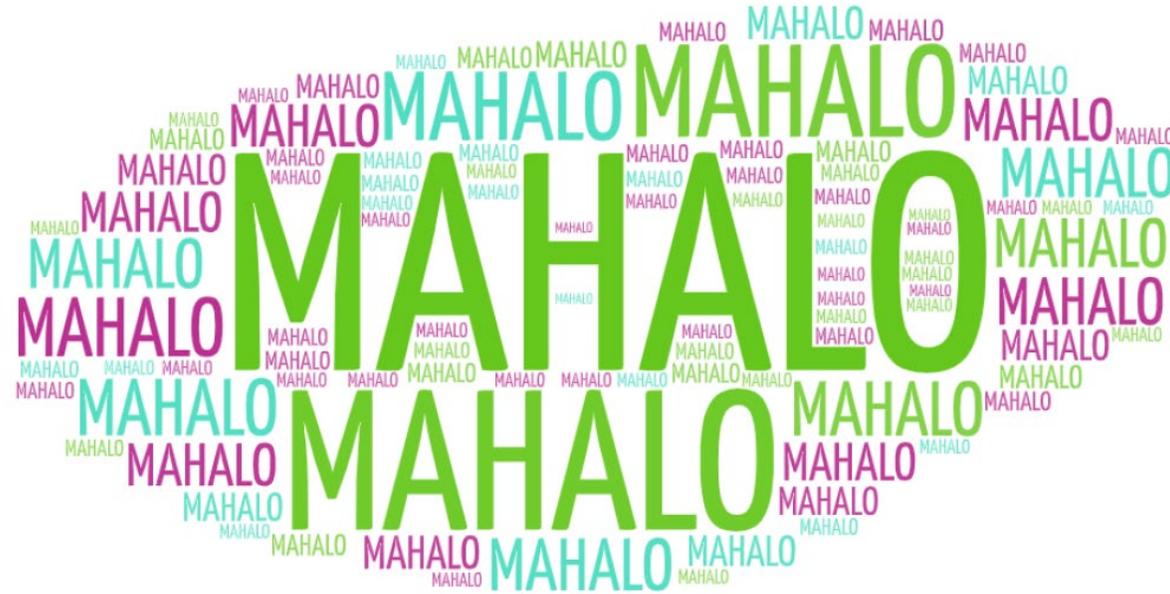
- **Making headway with municipal and community collaboration to develop regional compost facilities**
- **Expanded Household Hazardous Waste to Lanai and Molokai**
- **Piloting compostable food ware composting processes**



FY26 opportunities

- Lanai Recycling Center Development Plan
- Waste Characterization Study
- Expansion of waste diversion: Solar panels, lithium-ion batteries, electronics, organics recycling, end use developments for locally recycled glass





**County of Maui
Environmental Protection & Sustainability
Division**

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ADEPT Committee

From: Robert V. Schmidt <Robert.Schmidt@co.maui.hi.us>
Sent: Wednesday, February 19, 2025 10:00 AM
To: ADEPT Committee
Cc: Nadine C. Orikasa; Jill M. Peterson; Cecile S. Powell; Michelle McLinden; Tess Herman
Subject: DEM -EPS PowerPoint for Tomorrows ADEPT Committee Meeting
Attachments: DEM_EPS_FY25_ADEPT_02-20-25.pptx; DEM_EPS_FY25_ADEPT_02-20-25.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Categories: presentation

Aloha

Please see attached DEMs PowerPoint and PDF for tomorrows ADEPT meeting.

Mahalo

Bob

Bob Schmidt

Deputy Director

County of Maui

Department of Environmental Management

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