

# Catalyzing Decarbonization in Hawai'i

## Hawai'i Coalition Climate Pollution Reduction Implementation Grant Application

### APPLICANT INFORMATION (Lead Applicant for a Coalition)

Organization: Hawai'i State Energy Office

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COALITION PARTNERS: State of Hawai'i, State of Hawai'i Climate Change Mitigation and Adaptation Commission (lead for PCAP); City and County of Honolulu Office of Climate Change; Sustainability, and Resiliency; County of Hawai'i Office of Research and Development; County of Kaua'i Office of Economic Development; and, County of Maui Office of Innovation and Sustainability

FUNDING REQUESTED: \$49,997,054

### EXPECTED TOTAL CUMULATIVE GHG EMISSION REDUCTIONS

Estimated cumulative GHG reductions for 2025-2030: 99,011 metric tons CO<sub>2</sub>e

Estimated cumulative GHG reductions from 2025-2050: 605,477 metric tons CO<sub>2</sub>e

SECTORS: Transportation; Commercial and Residential Buildings; Waste and Materials Management; and Agriculture / Natural and Working Lands

LOCATIONS: Statewide, on the islands of Hawai'i, Maui, O'ahu, Kaua'i, and Moloka'i

### GHG Reduction Measures

Transportation	1. Skyline Connect for Rapid Transit, Honolulu	Measures 1, 3 - 4 focus on transportation infrastructure to reduce single-occupancy vehicle travel & increase the accessibility and efficiency of public transit. Measure 2 replaces gasoline-fueled government vehicles with electric vehicle alternatives.
	2. Paratransit Fleet Electrification, Hawai'i Island	
	3. Expanding Honolulu's Shared Micromobility, Bikeshare	
	4. Complete Streets, Kaua'i	
Bldgs.	5. Affordable Green Housing Retrofit Program, Statewide	These measures increase energy efficiency through the implementation of green building design practices.
	6. Green Building Improvements Pearl City Library, O'ahu	
	7. Energy Efficiency Upgrades County Buildings, Kaua'i	
Waste	8. Decentralized Compost Network for Hawai'i	These measures divert materials from the landfill using a variety of re-use, re-fill, and circular economy practices to reduce raw material extraction and promote community awareness.
	9. Cardboard & Composting Waste Diversion Center	
	10. Reusable Foodware	
	11. Compost and Containers	
	12. Transfer Station Life Extension for Waste Diversion, O'ahu	
NWL & AFOLU	13. Integrating Waste & Land Management Systems, UH	These measures involve the removal of invasive species and the restoration of natural ecosystems, improving soil health and promoting carbon sequestration.
	14. Maui Million Trees	
	15. Maui Biochar	
	16. Reforestation for Carbon Removal and Sequestration	

### APPLICABLE PRIORITY CLIMATE ACTION PLAN(S) (PCAP) REFERENCES

Hawai'i Priority Climate Action Plan

<https://climate.hawaii.gov/wp-content/uploads/2024/03/Hawaii-PCAP-FINAL-March-1-2024-1-3.pdf>

Honolulu Priority Climate Action Plan

<https://www.epa.gov/system/files/documents/2024-03/honolulu-pcap-cprg.pdf>