

13 | IMPLEMENTATION AND MONITORING

Community Plan Chapter	Action No.	Description	Type	Priority	Timing	Lead Agency*	Est. Cost (\$1,000)	Funding Source(s)
Envir./NR	3.08	Assist in conducting outreach to agricultural, ranching, and development interests on implementing BMPs to reduce herbicides and pesticides.	Program	2	2022-2030	OED	10	County
Envir./NR	3.09	Review the Special Management Area (SMA) boundary and make changes as necessary to comply with the objectives and policies defined in Section 250A-2, HRS.	Project	2	2016-2021	Department of Planning	50	County
Envir./NR	3.10	Work with federal, state, and county agencies to initiate a program that provides education and community involvement in the stewardship of coastal areas, including conducting baseline studies on coastal water quality.	Program	1	2016-2021	Mayor's Office (Environmental Coordinator)	TBD	Federal grant County
Envir./NR	3.11	Work with the State to develop a quarantine and inspection process for imported plant species.	Project	2	2022-2030	Mayor's Office (Environmental Coordinator)	TBD	Federal, State, County, Private
Envir./NR	3.12	Work with Pūlama Lana'i to establish a feral animal control program.	Project	1	2016-2021	Mayor's Office (Environmental Coordinator)	TBD	Federal, State, County, Private

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HAZARD MITIGATION								
Hazard Mitigation	4.01	Establish a Lana'i-based community coordinator for County emergency operations. Develop a network of community volunteers to assist emergency responders. Improve disaster preparation, response time, and coordination among emergency-response agencies and the community.	Program	1	2016-2021	Civil Defense Agency	TBD	County
Hazard Mitigation	4.02	Implement the County of Maui Multi-Hazard Mitigation Plan 2010 and subsequent updates when consistent with the community plan.	Program	1	Ongoing	Civil Defense Agency	TBD	County, State, Federal
Hazard Mitigation	4.03	Seek information on and investigate sites that could contain hazardous waste and remediate when needed.	Project	1	2016-2021	Civil Defense Agency	TBD	County, State, Federal
Hazard Mitigation	4.04	Distribute information on hazard mitigation including: <ul style="list-style-type: none"> Disaster planning, evacuation routes, formalized evacuation plans, and shelter location; Steps for homeowners or businesses to strengthen and harden their buildings against disasters; Fire prevention; and Household and small business BMPs for the disposal of toxic and hazardous waste, including pharmaceuticals and heavy metals. 	Program	2	2016-2021	Civil Defense Agency	10	County
Hazard Mitigation	4.05	Evaluate the need for additional shelter space capable of withstanding hurricane force winds or other natural hazards, and identify potential locations. Provide sufficient back-up resources to ensure communication and emergency services are available during power outages. Evaluate the coverage of existing sirens.	Project	1	2016-2021	Civil Defense Agency	TBD	County

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Hazard Mitigation	4.06	Identify critical infrastructure, lifelines, roads, and structures that are vulnerable to coastal hazards, such as sea-level rise. Develop a coordinated emergency response system that includes well-defined and mapped evacuation routes. Distribute emergency response information at camping sites and through school programs.	Project	1	2021	Civil Defense Agency	TBD	County
Hazard Mitigation	4.07	Identify critical infrastructure, lifelines, roads, and structures that are vulnerable to wildfires. Develop a coordinated emergency response system that includes well-defined and mapped evacuation routes. Provide training to develop volunteer emergency response and fire-fighting crews. Formalize current practices on the use of heavy equipment during fires.	Project	1	2016-2021	MFD	TBD	County
Hazard Mitigation	4.08	Develop a post-disaster recovery and reconstruction plan to increase resilience.	Project	2	2022-2035	Civil Defense Agency	50	County
Hazard Mitigation	4.09	Provide information on opportunities to participate in discussions on the impacts that climate change may have on the community. • Conduct a Community Self-Assessment	Project	1	2016-2021	Civil Defense Agency	TBD	County
Hazard Mitigation	4.10	Develop detailed mapping of hazards and vulnerabilities risk assessment in the County of Maui Multi-hazard Mitigation Plan 2010.	Project	1	2016-2021	Civil Defense Agency	10	County
Hazard Mitigation	4.11	Improve emergency notification procedures along the east coast of the island.	Project	1	2022-2035	Civil Defense Agency	TBD	County

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CULTURAL HISTORIC AND SCENIC RESOURCES								
Cult./Hist. Res.	5.01	Facilitate community meetings to determine the best methods for protecting and preserving the historic character of Lana'i. • Educate and assist property owners on the benefits and process of historic designation. • Evaluate use of B-CT zoning ordinance or design guidelines.	Project	1	2016-2021	Department of Planning	TBD	County, Nonprofit
Cult./Hist. Res.	5.02	Develop a comprehensive cultural resource protection plan for Lana'i.	Project	1	2016-2021	Department of Planning	100	County
Cult./Hist. Res.	5.03	Assist with development of a comprehensive cultural resource protection plan for the eastern coast. Conduct feasibility study for Federation Camp restoration and fisherman shacks. Conduct study for Maunalei Gulch.	Project	2	2016-2021	Department of Planning	100	County, Nonprofit
Cult./Hist. Res.	5.04	Identify and inventory old plantation camps.	Project	2	2022-2035	Department of Planning	50	County, Nonprofit
Cult./Hist. Res.	5.05	Provide assistance to landowner to restore and preserve the Brown House (Social Hall) for continued community use.	Program	2	2022-2035	Department of Planning	TBD	County, Nonprofit
Cult./Hist. Res.	5.06	Provide educational materials, websites, events, and visitor brochures to educate and involve the community and visitors with Lana'i's history, cultural resources, and cultural practices. Support cultural and historical festivals at Dole Park.	Project	1	Ongoing	OED	TBD	County
Cult./Hist. Res.	5.07	Promote and include visitors and community members in public involvement events and restoration projects.	Program	2	Ongoing	OED	TBD	County, State
Cult./Hist. Res.	5.08	Increase support of all Lana'i based nonprofit organizations seeking additional funding sources for community stewardship.	Project	2	Ongoing	OED	TBD	County

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Cult./Hist. Res.	5.09	Investigate and encourage the nomination of historic sites and structures to the State and National Register of Historic Places.	Project	2	2016-2021	Department of Planning	TBD	County
Cult./Hist. Res.	5.10	Provide assistance to landowners, upon request, to nominate the jail, courthouse, or other structures to the National Register of Historic Places.	Project	1	2016-2021	Department of Planning	TBD	County, Nonprofit, Private
Cult./Hist. Res.	5.11	Collaborate with State and community groups to implement an ahupua'a/moku-based natural and cultural resources management system to protect sensitive cultural sites, trails, and landscapes.	Program	2	Ongoing	Mayor's Office (Environmental Coordinator)	TBD	County
Cult./Hist. Res.	5.12	Provide assistance to landowner to protect all petroglyphs from human disturbance and hillside erosion.	Program	1	2016-2021	Department of Planning	2016-2021	County, State, Private
Cult./Hist. Res.	5.13	Complete a visual inventory and analysis of key scenic corridors and watersheds. Develop BMPs for development to protect identified priority view corridors or watersheds. Provide education on Lana'i scenic BMPs.	Project	2	2016-2021	Department of Planning	TBD	County
ECONOMIC DEVELOPMENT								
Economic Development	6.01	Create an economic development position, specializing in rural communities, to address Lana'i's economic development challenges and opportunities.	Program	1	2016-2021	OED	0	N/A
Economic Development	6.02	Identify, target, and recruit new industries and businesses, such as TV and film production-post-production, agricultural operations, aquaculture, and information technology.	Program	2	Ongoing	OED	0	N/A

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Economic Development	6.03	Cultivate entrepreneurship through small business training and loan programs; partner with MCO's Small Business Development Program to provide workforce development and business education workshops on Lana'i.	Project	2	Ongoing	OED	TBD	County, State, Private
Economic Development	6.04	Develop a tourism strategic plan to guide diversification of Lana'i's tourism sector.	Program	2	2016-2021	OED	20	County
Economic Development	6.05	Assess alternative shipping options, including utilizing the ferry as a small cargo carrier between Maui and Lana'i.	Project	2	2016-2021	OED	0	N/A
Economic Development	6.06	Work with inter-island airlines to keep airfares affordable and service frequency adequate to accommodate the needs of Lana'i visitors, residents, and businesses.	Project	1	Ongoing	OED	0	N/A
Economic Development	6.07	Work with inter-island shippers and the Public Utilities Commission to keep shipping costs affordable and service frequency adequate.	Project	2	Ongoing	OED	0	N/A
Economic Development	6.08	Work with the State Department of Transportation (HDOT) to implement improvements at Kaunapala Harbor and Manele Small Boat Harbor (MSBH).	Project	1	2016-2021	OED	0	N/A
Economic Development	6.09	Work with the HDOT to expedite enhancement and improvement of the airport.	Program	1	2016-2021	OED	0	N/A
Economic Development	6.10	Develop an agriculture strategic plan for Lana'i focusing on both larger agr-businesses and small farms.	Program	2	2022-2035	OED	20	County
Economic Development	6.11	Provide business courses to farm owners and agricultural entrepreneurs; educate them about state and federal loan and grant opportunities.	Program	2	Ongoing	OED	TBD	County
Economic Development	6.12	Establish agricultural education and vocational programs at the community college and vocational	Project	2	2022-2035	OED	TBD	County

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Economic Development	6.13	Identify funding sources for Lana's community-development organizations.	Program	2	2016-2021	OED	0	N/A
INFRASTRUCTURE								
Infrastructure - Water	7.01	Update the WUDP demand analysis to account for new growth areas. Monitor and implement the updated WUDP.	Project	1	Ongoing	Pulama Lana'i	TBD	Private, County, State
Infrastructure - Water	7.02	Develop and implement a comprehensive watershed protection plan that would plant more trees and foliage on Lana 'hale and other areas to maximize fog drip and recharge the aquifer.	Program	1	Ongoing	Pulama Lana'i	TBD	Private, County, State
Infrastructure - Water	7.03	Develop and continue to support public and quasi-public partnerships to protect and restore the island's watershed and maximize aquifer recharge.	Program	1	Ongoing	Pulama Lana'i	TBD	Private, County, State
Infrastructure - Water	7.04	Evaluate the status of available water resources on the island, if CWRM identifies major flaws in the monthly water status reports.	Project	2	Ongoing	Pulama Lana'i	TBD	Private
Infrastructure - Water	7.05	Develop and implement a water rate structure that encourages conservation.	Project	1	2016-2021	Pulama Lana'i	TBD	Private
Infrastructure - Water	7.06	Continue to improve landscape planting and irrigation water conserving-irrigation systems.	Project	2	Ongoing	Pulama Lana'i	TBD	County
Infrastructure - Water	7.07	Continue to implement leak detection and repair programs.	Program	1	Ongoing	Pulama Lana'i	TBD	Private
Infrastructure - Water	7.08	Cover the 15 MG brackish reservoir to reduce evaporation by the end of June 2017.	Project	2	2016-2021	Pulama Lana'i	TBD	Private
Infrastructure - Water	7.09	Implement demand-side water conservation management through education, initiatives, and regulations.	Program	2	2022-2035	Pulama Lana'i	TBD	Private

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Infrastructure – Water	7.10	Continue planning, exploration, testing, and development of alternative water resources, such as a desalination plant.	Program	1	Ongoing	Palaama Lana'i	TBD	Private
Infrastructure – Water	7.11	Prohibit the use of high-level aquifer water for golf course irrigation purposes, consistent with the Water Use and Development Plan for Lana'i and as provided for by law.	Program	1	Ongoing	Palaama Lana'i	TBD	Private
Infrastructure – Wastewater	7.12	Coordinate with the landowner to develop a comprehensive wastewater functional plan for Lana'i that addresses the long-term goals for maintenance and upgrading of facilities.	Project	1	2016-2021	DEM	TBD	County
Infrastructure – Wastewater	7.13	Maintain an ongoing sewer inspection program for public and private multi-user systems to identify potential problems and forecast each system's residual life.	Program	2	Ongoing	DEM	TBD	County
Infrastructure – Wastewater	7.14	Coordinate with the landowner to regularly update and implement the County's wastewater reuse plans.	Project	2	Ongoing	DEM	TBD	County
Infrastructure – Wastewater	7.15	Work with the State to develop code and regulation changes to allow graywater reuse systems for home garden irrigation and toilet flushing as long as the system meets County and State safety standards. Provide educational materials to encourage residential use.	Program	2	2022-2035	DPW (DSA) DEM	TBD	County
Infrastructure – Wastewater	7.16	Study options for using biological sanitation treatment systems.	Project	2	2022-2035	DEM	50	County
Infrastructure – Solid Waste	7.18	Provide information on what can be recycled, where facilities are located, and when facilities are operated (hours and days). Develop and distribute educational materials to residents and businesses to encourage reduction, reuse, recycling efforts. Expand recycling options.	Program	2	2016-2021	DEM	TBD	County
Infrastructure – Solid Waste	7.20	Conduct an education program to discourage residents and tourists from dumping garbage, cars, and machinery in remote locations and locations other than the landfill or appropriate recycling sites.	Program	2	2016-2021	DEM	TBD	County

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Infrastructure – Solid Waste	7.21	Develop regular programs for collection of hazardous, bulky, and metal waste, including vehicles, machinery, and appliances.	Program	2	2016-	DEM	TBD	County
Infrastructure – Solid Waste	7.22	Study options for waste-to-energy through different technologies, such as small, ultra-high temperature incinerators.	Project	2	2016-	DEM	50	County
Infrastructure – Solid Waste	7.23	Provide funding to DEM's Solid Waste Division for the proper landscaping and maintenance of solid waste facilities and surrounding environment, including leachate management.	Program	2	2016-	Department of Finance DEM	TBD	County
Infrastructure – Energy	7.24	Create a smart grid that would allow for integration of additional renewable energy sources.	Project	1	2022-2030	OED (Energy Commissioner)	TBD	Private, County, State
Infrastructure – Energy	7.25	Install charging stations powered by renewable energy to support the use of electric vehicles on the island.	Project	2	2022-2035	OED (Energy Commissioner)	TBD	Private, County, State
Infrastructure – Energy	7.26	Install steel poles for primary utility transmission lines during new or replacement projects.	Project	2	Ongoing	Department of Planning Mayor's Office	TBD	Private
Infrastructure – Energy	7.27	Explore options for growing, manufacturing, and producing biodiesel, biomass, and other biofuel sources.	Project	2	2022-2035	OED (Energy Commissioner)	50	Private, County, State
Infrastructure – Transportation	7.28	Advocate for increased barge service to and from Lana'i if the population significantly increases and economic development warrants.	Program	1	Ongoing	OED	0	N/A
Infrastructure – Transportation	7.29	Advocate for increased ferry service if the population significantly increases and economic development warrants.	Program	2	Ongoing	OED	0	N/A
Infrastructure – Transportation	7.30	Develop a long-range land transportation master plan for Lana'i, which utilizes a complete streets approach to roadway design, establishes specific roadway standards, and includes a pedestrian plan for Lana'i City.	Project	1	2016-2021	DPW Department of Planning	75	County, State

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Infrastructure – Transportation	7.31	Establish who has jurisdiction/ownership and responsibility over Old Government Road.	Project	2	2016-2021	DPW Department of Planning	0	N/A
Infrastructure – Transportation	7.32	Develop and implement trails, greenways, and open space access plan using, when appropriate, former agriculture roads. The project should work in concert with stormwater, sedimentation, and environmental protection plans to close down unnecessary or unused agricultural roads.	Project	2	2022-2035	Department of Planning DEM	75	County
Infrastructure – Transportation	7.33	Develop restrictions for commercial trucks and buses exceeding 6,000 pounds Gross Vehicle Weight (GVW) to established routes through Lana'i City pending the construction of a bypass road.	Project	2	2022-2035	DPW	0	N/A
Infrastructure – Transportation	7.34	Study and evaluate options for shipping fuel to the island in order to reduce costs.	Project	2	2022-2035	OED	50	County
Infrastructure – Transportation	7.35	Work with the HGN and the Lana'i community to formally reconcile road and trail naming, location, historical use and legal status, and ownership data. Update map databases.	Project	2	2016-2021	Department of Planning	0	N/A
Infrastructure – Stormwater	7.36	Develop a comprehensive stormwater management plan. Emphasize natural systems drainage where possible.	Project	2	2016-2021	DPW Department of Planning	75	County
Infrastructure – Stormwater	7.37	Build dispersion and retention methods to address dirt runoff from dirt roads.	Project	2	2022-2035	DPW	TBD	County, Private
Infrastructure – Stormwater	7.38	Implement Kolele PD and Lana'i City Master Drainage Plans.	Project	2	2022-2035	DPW	TBD	County, Private
Infrastructure – Stormwater	7.39	Inspect and, if necessary, repair stormwater drainage swales and culverts in Lana'i City and remove blockages from drains and channels.	Project	1	2016-2021	DPW	TBD	County

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Infrastructure – Telecommunications	7.40	Provide high-speed internet throughout the island.	Project	1	2021	Hawaiian Telecom Sandwich Isles	TBD	Private
Infrastructure – Telecommunications	7.41	Provide cell phone service all around the island for complete coverage.	Project	2	2022-2035	Hawaiian Telecom Sandwich Isles	TBD	Private
Infrastructure – Telecommunications	7.42	Provide more wireless "hot spots" in Lana'i City and Manele PD.	Project	2	2022-2035	Hawaiian Telecom Sandwich Isles	TBD	Private
PUBLIC FACILITIES AND SERVICES								
Public Facilities – Parks & Rec	8.01	Develop a master plan for the island's parks, recreational facilities, and programs. Survey residents to identify their recreational needs.	Project	1	2016-2021	Department of Parks and Recreation	75	County
Public Facilities – Parks and Rec	8.02	Assist with the preparation of a Dole Park master plan that improves and preserves the park's recreational, urban design, and social functions.	Project	2	2022-2035	Department of Parks and Recreation	50	County
Public Facilities – Parks and Rec	8.03	Develop an action-sport facility such as a skateboard park, roller derby facility, or bicycle-motocross (BMX) track.	Project	2	2022-2035	Department of Parks and Recreation	TBD	County
Public Facilities – Parks and Rec	8.04	Coordinate with community organizations in their prevention and treatment efforts to reduce substance use and abuse. Continue working cooperatively with the Prosecutor's Office and the Drug Enforcement Agency (DEA) to enforce substance abuse laws.	Program	1	Ongoing	MPD	0	N/A
Public Facilities – Police	8.05	Examine options for extending the length of time police personnel and officers are on Lana'i for a tour of duty.	Project	2	2016-2021	MPD	0	N/A
Public Facilities – Police	8.06	Provide Lana'i orientation training classes and support for police staff.	Program	2	Ongoing	MPD	TBD	County
Public Facilities – Police	8.07	Assist MHS and LARC in exploring options for expansion of animal control facilities and services.	Project	2	2022-2035	MPD	20	County

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Public Facilities - Police	8.08	Assist in distribution of public education on responsible pet ownership.	Project	2	2016-2021	MPD	TBD	County
Public Facilities - Police	8.09	Study options for development of an impound yard and need for tow-truck services, and whether a four-wheel drive tow truck is necessary.	Project	2	2022-2035	MPD	20	County
Public Facilities - Fire and Public Safety	8.11	Provide necessary equipment, training, and staffing for ocean and water rescue services.	Project	1	Ongoing	MFD	TBD	County
Public Facilities - Fire and Public Safety	8.12	Develop orientation and training about Lana'i health and social service locations, and street addresses, for new Fire Department staff.	Program	2	Ongoing	MFD	TBD	County
Public Facilities - Fire and Public Safety	8.13	Work with homeowners, business owners, and landlords to visibly mark addresses on structures or emergencies. Update 911 system semi-annually with new addresses.	Program	2	Ongoing	MFD	TBD	County
Public Facilities - Education	8.14	Assist the State in implementing the master plan for the expansion of the elementary and high school into separate campuses and the creation of a "P-20" campus that includes educational facilities and programs for preschool through post-secondary education.	Project	1	2022-2035	DHHC Department of Management	TBD	State
Public Facilities - Education	8.15	Continue to fund adult and post-secondary education programs.	Program	2	Ongoing	DHHC	TBD	State
Public Facilities - Education	8.16	Continue to fund English as a second language classes.	Program	2	Ongoing	DHHC	TBD	State
Public Facilities - Education	8.17	Assess need for additional preschool services.	Project	2	2022-2035	DHHC	TBD	County, State

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Public Facilities - Education	8.18	Assist the State in developing educational curricula to teach the history of the island of Lana'i.	Program	2	2022-2035	Department of Planning	TBD	County
Public Facilities - Education	8.19	Develop workforce development program internships.	Program	2	2016-2021	OED	TBD	County, State, Private
Public Facilities - Health and Social Services	8.20	Assist with the development of a master plan or strategic plan for health care services on Lana'i.	Project	1	2016-2021	DHHC	50	County, State
Public Facilities - Health and Social Services	8.21	Allocate funding to expand the number and variety of social services.	Program	1	2016-2021	DHHC	TBD	County, State
Public Facilities - Health and Social Services	8.22	Assist with the preparation of a master plan for the Lana'i Community Hospital and related medical facilities.	Project	1	2016-2021	DHHC	75	County
Public Facilities - Health and Social Services	8.23	Assist with activities and projects that improve and enhance short term and long term nursing care services and facilities on the island.	Project	1	2016-2021	DHHC	TBD	County, State
Public Facilities - Health and Social Services	8.24	Develop a plan for provision of services for seniors to age in place.	Project	1	2016-2021	DHHC	75	County, State
Public Facilities - Health and Social Services	8.25	Assist with the development of palliative care services and hospice facilities for the dying.	Project	1	2022-2035	DHHC	TBD	County, State
Public Facilities - Health and Social Services	8.26	Encourage funding of and support for the child welfare and social services network and ancillary support services including foster care.	Project	1	Ongoing	DHHC	TBD	County, State
Public Facilities - Health and Social Services	8.27	Coordinate services for immigrants.	Program	2	Ongoing	DHHC	TBD	County, State, Federal
Public Facilities - Health and Social Services	8.28	Continue to work with other organizations to maintain funding for the network of services for alcohol and substance abuse.	Program	1	Ongoing	DHHC	TBD	County, State

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Public Facilities – Health and Social Services	8.29	Encourage support and funding for the network of services for domestic violence, sex assault, and families in crisis.	Program	1	Ongoing	DHHC	TBD	County, State
Public Facilities – Health and Social Services	8.30	Participate in the development of an integrative, collaborative network to address the health care needs of the community.	Program	2	Ongoing	DHHC	TBD	County, State
LAND USE								
Land Use	9.01	Conduct a comprehensive review of inter-zoned lands to identify and adopt zoning that is consistent with the community plan. The process shall include consultation with affected property owners and assessment of potential impacts of rezoning.	Project	2	2016-2021	Department of Planning	TBD	County
Land Use	9.02	Amend the zoning code to facilitate the development of mixed-use, pedestrian-oriented communities. Develop a form-based code, transect-based code, or similar mechanism.	Project	1	2016-2021	Department of Planning	TBD	County
Land Use	9.03	Evaluate and establish zoning for airport land expansion, when needed, for runway improvements consistent with the community plan. Evaluate lands between airport and Lana'i City for compatible uses, particularly with respect to sound attenuation.	Project	2	2022-2035	Department of Planning	0	N/A
Land Use	9.04	Review the zoning ordinance to determine if amendments are needed to permit low-impact accommodations for small-scale eco-, cultural, or adventure tourism in open space and park lands through the issuance of a County special use permit.	Project	2	2022-2035	Department of Planning	0	N/A

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Land Use	9.05	Revise zoning and subdivision ordinances to permit clustering and conservation subdivision design within the Rural and Agricultural Districts.	Project	1	2016-2021	Department of Planning	0	N/A
Land Use	9.06	Develop and provide incentives to landowners to preserve and protect agricultural lands.	Project	2	2022-2035	Department of Planning	0	N/A
Land Use	9.07	Work with landowners to review PDs in Chapters 19.70 and 19.71, MCC, and subsequent ordinances to determine if actions are needed to fulfill outstanding requirements.	Project	2	2022-2035	Department of Planning	0	N/A
Land Use	9.08	A 50-100-year coastal erosion rate analysis shall be developed. Where new major waterfront structures or developments are to be approved, open space preservation should be assured by employing a shoreline setback based upon the erosion rate established by the coastal erosion rate analysis.	Project	2	2022-2035	Department of Planning	0	N/A
URBAN DESIGN								
Urban Design	10.01	Prepare a vision and master plan for Lana'i City through collaborative efforts that include historic preservation of structures in the B-CT District.	Project	2	2022-2035	Department of Planning	100	County
Urban Design	10.02	Revise and enhance the B-CT design guidelines for Lana'i City to provide more detailed guidance for new construction, as well as renovation and reconstruction of existing structures for adaptive reuse.	Project	1	2016-2021	Department of Planning	50	County
Urban Design	10.03	Develop design guidelines for structures in Lana'i City, but outside of the B-CT District, to provide guidance on appropriate form, scale, architectural character, details, and materials.	Project	2	2022-2035	Department of Planning	75	County

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Urban Design	10.04	Create a comprehensive parking strategy for Lana'i City. Revise the B-CT design guidelines to lessen parking requirements and allow businesses to fulfill onsite parking requirements through use of existing public parking surrounding Dole Park.	Project	2	2022-2035	Department of Planning	0	N/A
Urban Design	10.05	Develop an urban forestry management plan for Lana'i City and public property throughout Lana'i City. Include options for the planting of native and non-invasive species, where appropriate, and consider replanting Cook Island Pines only where there is adequate space for the mature trees. Encourage Lana'i to adopt a similar plan.	Project	2	2022-2035	Department of Parks and Recreation	50	County
Urban Design	10.06	Select options for implementing LED lighting to save energy and provide a more point-like light source.	Project	2	2022-2035	DPW	0	N/A
HOUSING								
Housing	11.01	Develop and implement a comprehensive affordable housing plan for Lana'i within one year of adoption of the community plan.	Project	1	2016-2021	DHHC	50	County
Housing	11.02	Implement a housing rehabilitation program including loans, grants, and/or technical assistance and community outreach.	Program	1	2016-2021	DHHC	TBD	County, State, Private, Nonprofit
Housing	11.03	Amend zoning codes to allow a greater variety of housing types, including mixed-use, mixed housing types, co-housing, prefabricated homes, and small lots.	Project	1	2016-2021	Department of Planning	0	N/A

13 | IMPLEMENTATION AND MONITORING

Community Plan Chapter	Action No.	Description	Type	Priority	Timing	Lead Agency*	Est. Cost (\$1,000)	Funding Source(s)
Housing	11.04	Provide assistance with securing/leveraging grants, Low Income Housing Tax Credits, and other resources that support affordable housing price points.	Program	2	Ongoing	DHHC	TBD	County
Housing	11.05	Develop a plan for establishing a long-term care infrastructure on Lana'i, including long-term and short-term supportive housing, palliative care, and hospice facilities.	Project	1	2016-2021	DHHC	TBD	County
Housing	11.06	Provide adequate government-sponsored affordable housing units for Lana'i government personnel and residents.	Program	1	2016-2021	DHHC	TBD	County
Housing	11.07	Redesign and accelerate development of the County's affordable housing site in order to help alleviate the existing housing shortage.	Project	1	2016-2021	DHHC	0	N/A
Housing	11.08	Assist with community workshops to explore different housing types and development patterns that could be utilized in an expansion of Lana'i City or in new residential areas.	Project	2	2016-2021	Department of Planning	TBD	County
Housing	11.09	Investigate whether Na Hale 'O Maui, a community land trust on Maui, would consider operating on Lana'i.	Project	2	2016-2021	DHHC	0	N/A
Housing	11.10	Form partnerships to establish an elder care infrastructure system.	Project	1	2016-2021	DHHC	0	N/A
Housing	11.11	Explore the development of incentives promoting the use of sustainable green building and development practices.	Project	2	2022-2035	Department of Planning	0	N/A

Community Plan Chapter	Action No.	Description	Type	Priority	Timing	Lead Agency*	Est. Cost (\$1,000)	Funding Source(s)
GOVERNANCE								
Governance	12.01	Conduct regularly-scheduled public information meetings on island.	Program	2	Ongoing	Mayor's Office	TBD	County
Governance	12.02	Continue to improve, promote, and publicize the availability of telecommunications for county services and for participation in council meetings held on Maui.	Project	2	Ongoing	Mayor's Office	0	N/A
Governance	12.03	Study the feasibility for a County government office building in Lana'i City and explore the possibility of sharing it with State and Federal partners.	Project	2	2022-2035	Mayor's Office	50	County
Governance	12.04	Create a program to provide education on the use of telecommunications technologies to encourage public participation.	Program	2	2016-2021	Mayor's Office	TBD	County
Governance	12.05	Encourage the use of social media to improve public communication.	Program	2	2016-2021	Mayor's Office of Council Services (OCS)	TBD	County
Governance	12.06	Provide the Lana'i Planning Commission with annual status reports as described in Chapter 2.80B, MCC.	Project	2	Ongoing	Department of Planning	0	N/A

MAPS – EXPLANATORY INFORMATION

A. INTRODUCTION

The place names on the maps have been corrected to be consistent with "Hawai'i Board on Geographic Names Correction of Diacritical Marks in Hawai'i and Names Project" - Lana'i, September 30, 2014. Information on the Hawai'i Board on Geographic Names and the name review process used can be found at the following website: <http://planning.hawaii.gov/gis/hbgnt/>

Provided below is a list of geographic information system layers that are used to produce the various maps included in the document. This list describes key layers utilized in the mapping process and is not intended to be a comprehensive layers listing. The majority of these layers may be found on the Hawai'i Statewide GIS Program website: <http://planning.hawaii.gov/gis/>

B. GEOGRAPHIC INFORMATION SYSTEM (GIS) LAYERS

Names:

Description: Geographic Place Names from the USGS Geographic Names Information System (GNIS).
Source: USGS Geographic Names Information System (GNIS) Stream Names are derived from the "Streams" database from the State of Hawai'i Office of Planning Hawai'i Statewide GIS Program. Any other map names were derived from the USGS Geographic Names Information System (GNIS), March 2003.

Streams:

Description: Streams (both perennial and non-perennial) derived from USGS Digital Line Graphs, 1983 version; Commission on Water Resource Management (CWRM) Hawai'i Stream Assessment database, 1993.
Source: Department of Land and Natural Resources Division of Aquatic Resources, (DAR), 2004, 2008. Update received from CWRM and DAR, 2013 (Data current to March, 2008).
<http://state.hi.us/dlnr/dar/streams.html>

Roads:

Description: Roads and road names for the islands of Maui, Moloka'i and Lana'i.
Source: Maui County Geographic Information Systems Division, Department of Management. Released in July, 2012.

Critical Habitat:

Description: Proposed and Final Critical Habitat designated under the U.S. Endangered Species Act.
Source: U.S. Fish and Wildlife Service, 2014. <http://ecos.fws.gov/crithab/>

MAPS – EXPLANATORY INFORMATION

Marine Life Conservation Districts:

Description: Marine Life Conservation Districts

Source: Office of Planning, State of Hawaii, PO Box 2359, Honolulu, Hawaii 96804; (808) 587-2895.

Forest and Plant Resources:

Description: Land Use and Land Cover of Main Hawaii Islands as of 1976. 1:100,000 1976 Digital GIRAS (Geographic Information Retrieval and Analysis) files.
Land Use and Land Cover (LULC) data consists of historical land use and land cover classification data based primarily on the manual interpretation of 1970's and 1980's aerial photography.
Secondary sources included land use maps and surveys.

Source: EROS Data Center, <http://eros.usgs.gov/> U.S. Geological Survey
Earth Resources Observation and Science (EROS) Center, 47914 252nd Street, Sioux Falls, SD 57198-0001.

Coral:

Description: Benthic Habitat of The Main Eight Hawaii Islands Derived From IKONOS and Quick Bird Satellite Imagery, 2004-2006.
This project is a cooperative effort between the National Ocean Service, National Centers for Coastal Ocean Science, Center for Coastal Monitoring and Assessment, the University of Hawaii, BAE Systems Spectral Solutions and Analytical Laboratories of Hawaii LLC. The goal of the work was to map the coral reef habitats of the Main Eight Hawaii Islands by visual interpretation and manual delineation of IKONOS and Quick Bird satellite imagery.

Source: Center for Coastal Monitoring and Assessment (CCMA), Biogeography Program, 1305 East West Highway, Silver Spring, MD 20910. tim.battista@noaa.gov
Wiles Anderson, Analytical Laboratories of Hawaii.

Game Management Areas:

Description: Public Hunting Areas (Game Birds & Game Mammals) as described in Hawaii Administrative Rules, Title 13, DLNR, Subtitle 5, Forestry and Wildlife, Part 2, Wildlife, Chapters 122 and 123, and as depicted in DOFAW's Hunting Regulation Guides:
http://files.hawaii.gov/dlnr/dofaw/rules/Ch123/HAR_Title13_Ch123.pdf for complete code descriptions.

Source: Compiled Nov. 2002 by SOH, DLNR, and DOFAW with input from and verification by State foresters and others familiar with the public hunting area boundaries.

MAPS – EXPLANATORY INFORMATION

Hawai'i Humpback Whale National Marine Sanctuary

Description:
Humpback Whale National Marine Sanctuary boundaries for the State of Hawai'i.

Source:
NOAA National Marine Sanctuary Program, March, 2006.

Marine Managed areas:

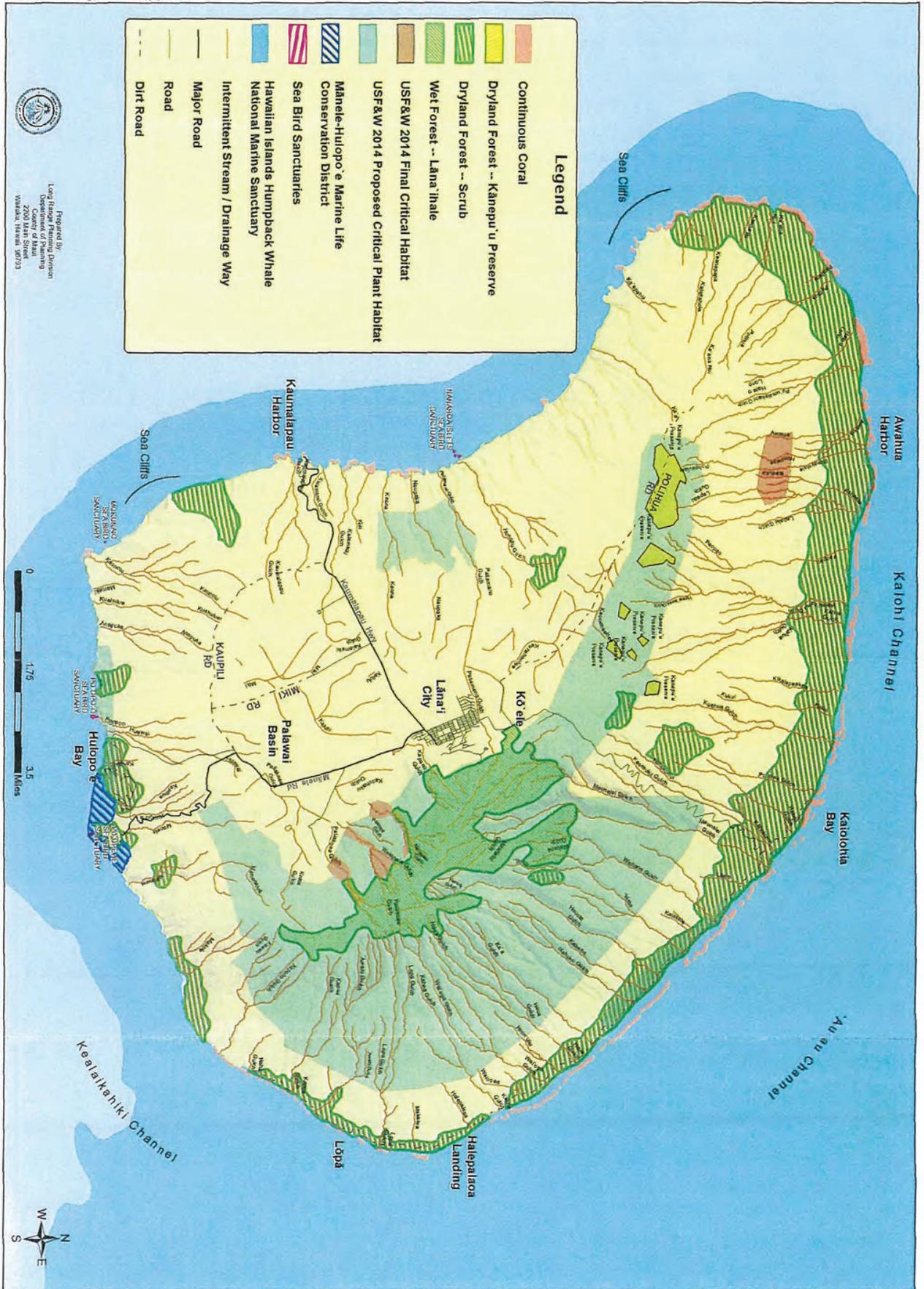
Description:
Marine Managed Areas.

Source:
State of Hawai'i Division of Land and Natural Resources, Department of Aquatic Resources, 2003.

Agricultural Lands of Importance to the State of Hawai'i (ALISH)

Description:
Agricultural Lands of Importance to the State of Hawai'i for islands of Kauai, Oahu, Maui, Moloka'i, Lana'i & Hawai'i.

Source:
Office of State Planning (OSP) digitized from State Department of Agriculture 1:24,000 hand drafted blue-line maps; compiled and drafted in 1977. Prepared with the assistance of the Soil Conservation Service, U.S. Department of Agriculture, and the College of Tropical Agriculture, University of Hawai'i.
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Map 3.1 Environment

Lāna'i Community Plan Update

