

County of Hawai'i



General Plan Comprehensive Review

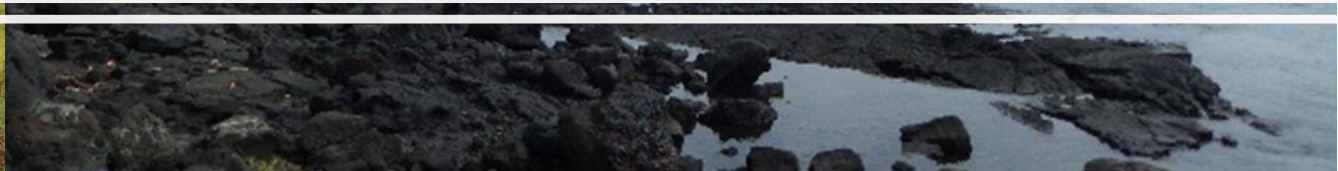
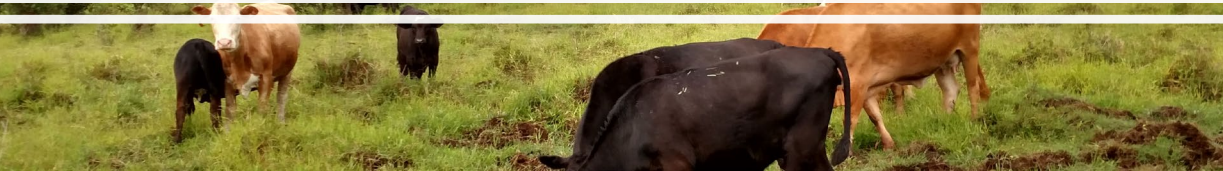
Leeward Planning Commission

Sustainable Development & Resilient Communities:
Transportation, Public Utilities,
Public Facilities, Housing, &
Integrated Systems

January 16, 2025



Sustainable Development & Resilient Communities



Plan Chapters & Sections

Chapters	Elements
Introduction	Purpose, Authority, & History Planning Process Sustainability Principles & Practices Planning System & Framework Grounded Vision & Goals
Collaborative Biocultural Stewardship	Native Habitats Watersheds Biocultural Stewardship Cultural & Historic Assets Natural Beauty (Scenic Character)
Adapting to Climate Change for Island-Wide Health	Mitigation Adaptation
Sustainable Development & Resilient Communities	Land Use Transportation Access & Mobility Public Utilities Public Facilities & Services Housing For All Integrated Systems
Thriving, Diversified, and Regenerative Economy	Agriculture & Food Systems Visitor Industry
Implementation	Planning System Capital Improvement Program (CIP) Monitoring & Evaluation



Transportation Access & Mobility

Goal:

Each community is connected by a multimodal and modernized transportation network that provides a system for safe, efficient, and comfortable movement of people and goods.

Transportation Objectives

*Active Living Corridors
& Public Access*

Mass Transit

Roadways

*Transportation Terminals:
Airports & Harbors*



Obj 16: Achieve a transportation system that is consistent with and will accommodate planned growth.



Obj 17: Increase transportation connectivity.



Obj 18: Increase mass transit ridership by 50 percent by 2045.



Obj 19: Reduce vehicle miles traveled (VMT).



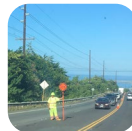
Obj 20: Achieve a transportation system that employs all modes of transportation at a community scale.



Obj 21: Incorporate green infrastructure to reduce stormwater runoff.



Obj 22: Increase transportation safety for transportation's most vulnerable users and reduce traffic fatalities.



Obj 23: Adequately maintain public transportation systems.



Obj 24: Improve accessibility to airports, harbor systems, and support facilities.

Transportation Policies & Actions

Example – *Active Living Corridors & Public Access*

Goal: Each community is connected by a multimodal and modernized transportation network that provides a system for safe, efficient, and comfortable movement of people and goods.

Objective 17: Increase transportation connectivity.

Policy 17.1: Ensure Native Hawaiian access rights are clearly expressed in County code, policies, and procedures.

Policy 17.3: Prior to disposing of, leasing, or transferring public lands through County Property Management procedures, the County shall assess, document, and protect access to existing active living corridors that are located on County-owned parcels

Action 17.a: Develop and adopt a program to establish public access to historic [trails] and modern active living corridors and facilities that provide an island-wide route and connection to major destinations.

- These policies and actions strive to provide public access to and along the shoreline, mauka-makai connections by maintaining historic trails and implementing more urban multiuse paths to provide education, recreation, and transportation opportunities.

Transportation Policies & Actions

Example – *Roadways*

Goal: Each community is connected by a multimodal and modernized transportation network that provides a system for safe, efficient, and comfortable movement of people and goods.

Objective 19: Reduce vehicle miles traveled (VMT).

Policy 19.4: Increase mobility for minors, non-licensed adults, low-income, elderly, and people with mobility limitations through prioritization of alternative means of transportation.

- The policy aims to promote inclusivity in transportation by prioritizing alternative modes of travel (e.g., walking, cycling, & public transit). The policy focuses on increasing mobility options for a range of people, recognizing that these groups often rely on alternative transportation modes.

Action 19.a: Continue to adopt the County Street Design Manual as the County's complete street design program/policy.

- This action provides a framework to implement the policy. The Complete Streets approach integrates considerations for all users (e.g., pedestrians, cyclists, public transit users, & drivers) into street design, creating a safer and more accessible transportation network.

Transportation Policies & Actions

Example – *Roadways*

Goal: Each community is connected by a multimodal and modernized transportation network that provides a system for safe, efficient, and comfortable movement of people and goods.

Objective 21: Incorporate green infrastructure to reduce stormwater runoff.

Policy 21.2: Prioritize roadway drainage improvements in flood-prone areas.

- The island has many areas that are prone to flooding and this policy aims to prioritizing improvements starting with the most prone locations. This in turn will improve roadway access in times of need and safety for all users.

Action 21.a: Develop green infrastructure standards including right-of-way (ROW) landscaping, low-impact development (LID), and drainage.

- Green infrastructure techniques utilize vegetation, soils, and other elements to restore some of the natural processes required to manage water.
- This may include detaining or directing stormwater for infiltration at a slower rate before entering groundwater or marine environments.



Image along Ane Keohokalole Highway near Manawalea St. Landscaping was installed at curb cuts to filter road runoff. Further down, there is an inlet to a drywell, which is a common method of stormwater infiltration on this island.

Electric Vehicles (EV)

- Registered EVs
 - In December 2024, the number of passenger EVs in the state was 35,242, an increase of 6,003 vehicles (20.5%) from December 2023.
 - Hawai'i County – 6,532 registered EV:
 - 3,028 passenger electric
 - 3,432 passenger hybrid
 - 58 electric freight
 - 14 hybrid freight

Source: [Hawai'i State Energy Office](#) & [Hawai'i State Department of Business, Economic Development & Tourism](#)

- EV-related fires (2014-2024)
 - Electric Vehicle, Electric Car, Electric Truck Query

Incident Date	Incident Type Name
09/20/2022	Passenger vehicle fire
06/29/2024	Passenger vehicle fire

Source: Hawai'i County Fire Department



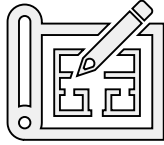


Public Utilities

Goal:

Our communities are adequately served by sustainable and efficient public infrastructure, utilities, and services based on existing and future growth needs, sound design principles, and effective maintenance practices.

Public Utilities Objectives



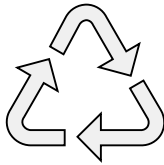
Obj 25: Improve the efficiency, reliability, and sustainability of essential infrastructure systems.

Drinking Water



Obj 26: Increase the protection of existing and potential sources of drinking water.

Wastewater Treatment & Reuse



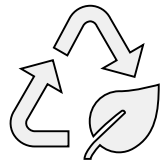
Obj 27: Planned and developed municipal sewer capacity is expanded to serve our Urban Growth Areas and reduce sewage-related impacts on water quality.

Stormwater Infiltration & Green Infrastructure



Obj 28: Increase green infrastructure practices.

Electricity & Renewable Energy



Obj 29: Strive towards energy self-sufficiency.

Telecommunications & Broadband



Obj 30: Advance policies, programs, and initiatives for public and/or private investment in broadband and telecommunications infrastructure.

Public Utilities Policies & Actions

Example

Goal: Our communities are adequately served by sustainable and efficient public infrastructure, utilities, and services based on existing and future growth needs, sound design principles, and effective maintenance practices.

Objective 25: Improve the efficiency, reliability, and sustainability of essential infrastructure systems.

Policy 25.2: Provide utilities and service facilities that minimize total cost to the public and effectively serve the needs of the community.

- These policies strive to ensure reliable utility systems that best reduce costs and do not have a negative impact on the natural environment and resources.

Policy 25.3: Utility facilities shall be designed to complement adjacent land uses and minimize pollution or disturbance of the natural environment and natural resources.

Policy 25.5: Encourage the clustering of developments to reduce the cost of providing utilities.

Public Utilities Policies & Actions

Example – *Broadband*

Goal: Our communities are adequately served by sustainable and efficient public infrastructure, utilities, and services based on existing and future growth needs, sound design principles, and effective maintenance practices.

Objective 30: Advance policies, programs, and initiatives for public and/or private investment in broadband and telecommunications infrastructure.

Policy 30.2: Develop and support a program of free, public-use broadband services at appropriate County-owned facilities, mass transit facilities, and other community anchor institutions.

- The intention of this policy is to promote digital equity by addressing accessibility challenges for residents.

Action 30.i: Pursue partnerships and funding for broadband initiatives and deployments.

- This action outlines an approach to achieve the policy goal. It emphasizes collaboration with partners to secure resources and expertise necessary for broadband deployment and expansion.



Public Facilities & Services

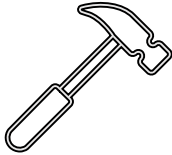
Goal:

Our communities are safe and protected and have access to integrative health, education, and social services to support a high quality of life for all residents.

Our communities are adequately served by sustainable and efficient public infrastructure, utilities, and services based on existing and future growth needs, sound design principles, and effective maintenance practices.



Public Facilities & Services Objectives



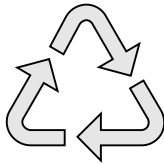
Obj 31: Adequately maintain public facilities.

Protective Services



Obj 32: Protect the health and well-being of residents and visitors.

Solid Waste Management



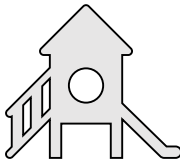
Obj 33: Achieve Zero Waste in Hawai'i County by 2045.

Education



Obj 34: Each community has access to a wide range of educational opportunities.

Recreation



Obj 35: Park facilities are located within a 10-minute walk in urban areas and a 10-minute drive in rural communities.

Community Health & Wellness



Obj 36: Each community has access to healthcare facilities, programs, or community-based care.

Public Facilities Policies & Actions

Example – *Recreation*

Goal: Each community is connected by a multimodal and modernized transportation network that provides a system for safe, efficient, and comfortable movement of people and goods.

Objective 35: Park facilities are located within a 10-minute walk in urban areas and a 10-minute drive in rural communities.

Policy 35.12: Facilitate and prioritize the co-location of schools, parks, and senior centers to promote interactivity between community members of all ages.

- The intent of this policy is to create shared spaces that encourage interaction among diverse age groups, fostering a sense of community and maximizing the use of public resources.

Action 35.j: Develop local citizen leadership and participation in recreation planning, maintenance, and programming.

- This action emphasizes engaging community members in the decision-making and upkeep of recreational spaces. This ensures that the facilities and programs meet the community's needs and reflect its values.



Housing for All

Goal:

Residents have access to adequate and affordable housing to meet the needs of the population and provide equitable opportunities for household flexibility and mobility.



Objectives:

Diversify & Expand Housing
Manage Existing Housing
Increase Affordability

Housing Policies & Actions

Example

Goal: Each community is connected by a multimodal and modernized transportation network that provides a system for safe, efficient, and comfortable movement of people and goods.

Objective 39: Prioritize providing quality affordable housing for Hawai'i's residents. (Create Housing Affordability)

Policy 39.4: Reduce the cost and time of processing land use and construction applications, particularly for affordable housing projects.

- The policy highlights the need to reduce the cost and time associated with processing applications, particularly for affordable housing projects. This aims to remove regulatory and administrative obstacles that can delay development and increase costs, which ultimately affects housing affordability and availability.

Action 39.c: Amend land use and building regulations to reduce costs and streamline the processing of affordable housing applications and facilitate concurrent applications when possible.

- The action provides an approach to achieving the policy goal by amending land use and building regulations. These amendments focus on reducing costs, streamlining processes, and enabling concurrent application reviews, which can significantly expedite project timelines.



Integrated Systems

Goal:

We employ integrated systems that are efficient, equitable, and organized to facilitate coordination and collaboration.



Integrated Systems Policies & Actions

Example

Goal: We employ integrated systems that are efficient, equitable, and organized to facilitate coordination and collaboration.

Objective 41: Maintain fiscal integrity, responsibility, and efficiency.

Policy 41.11: Projects involving more than one Department's assets shall be coordinated to define scoping, design, and construction needs.

- This policy interdepartmental coordination for projects that involve multiple departments' assets. By working together to align scoping, design, and construction needs, the County can reduce redundancies, streamline processes, and ensure that resources are used effectively across departments.

Action 41.d: Conduct cost-benefit analysis for new facilities and replacements.

- Conducting cost-benefit analyses for new facilities and replacements provides a structured approach to evaluate the financial and social impacts of proposed projects. This ensures that investments in infrastructure deliver maximum value to the community while minimizing unnecessary costs.

For More Information

Planning Website – Overall Process

[2019 Draft General Plan Workshops & Public Input](#) >

[2023 Draft General Plan Workshops & Public Input](#) >

[2024 Recommended Draft General Plan Workshops & Public Input](#) v

Final Recommended Draft General Plan 2045

The Final Recommended Draft General Plan 2045 is now available for public review and comment. To access the Final Draft and provide comments, [CLICK HERE](#).

Download a PDF copy of the Final Draft: [Final Recommended Draft General Plan 2045_July2024](#)

Download a PDF copy of the Policy Rationale: [General Plan 2045 Policy Rationale_July2024](#)

Download a PDF copy of the General Plan Land Use Technical Methodology Report: [Scenario Planning - Technical Methodology for General Plan Land Use \(2024\)](#)

Participate in the General Plan Comprehensive Review Process

Public Workshops

- August 28, 2024 - West Hawai'i Civic Center (Building A), 2:00 p.m. to 4:00 p.m.
- August 29, 2024 - Arc of Hilo, 1099 Waiānue Ave, 2:00 p.m. to 4:00 p.m.
- September 5, 2024 - Online Webinar Workshop, 5:00 p.m. to 6:00 p.m.

https://zoom.us/webinar/register/WN_IQ49gu9TTqRMI4PDN

* Video recordings will be available after the event.

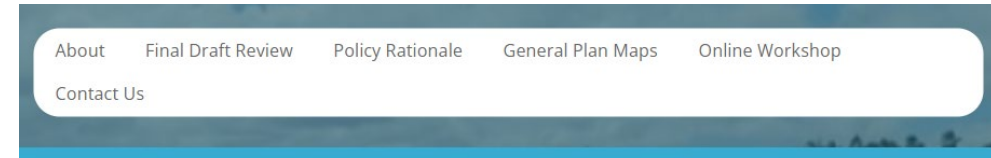
Community Meetings

- September 17, 2024, South Kona at 5:00pm - Rodney Yano M Hwy, Captain Cook, HI 96704
- September 19, 2024, Ka'ū at 5:00pm - Ka'ū District Gym Multi-Purpose Room, HI 96777



<https://www.planning.hawaiicounty.gov/general-plan-community-planning/gp/comp>

Interactive Draft & Maps



Final Recommended Draft General Plan 2045

Open for Review

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Click anywhere in the document to add a comment. Select a bubble to view comments, add your own comment to what others have shared or give comments a thumbs up or down.





<https://cohplanning.konveio.com/final-recommended-draft-general-plan-2045?document=1>

Next Steps

Review the plan section by section.

Next: Economy

Tentative LPC Hearing Dates:

Thu, February 20, 2025 at 9:30 a.m.

Fri, February 21, 2025 at 9:30 a.m.

Mon, February 24, 2025 at 9:30 a.m.

Information for Upcoming Planning Commission Meetings for
Review of General Plan 2045 at:

[https://www.planning.hawaiicounty.gov/about-us/boards-
committees/planning-commission-applications](https://www.planning.hawaiicounty.gov/about-us/boards-committees/planning-commission-applications)

or by calling 808-961-8288.



MAHALO

County of Hawai'i Planning Department