

# County of Hawaii Department of Research and Development Current and Ongoing Alignment with Sustainability Action Committee Duties

March 25, 2020

## COLLABORATIONS

### **State Climate Change Commission**

Working with the Hawaii County Representative (Planning Director) to inform on what the department is doing to mitigate or adapt to climate change. For example, completion of the GHG Emissions Inventory which helped to identify the transportation sector as the greatest source of emissions.

### **Four County Collaboration**

A collaborative effort focused on climate change, sea-level rise, and other sustainable opportunities facilitated by multi-level cooperation through legislation and community efforts. Coordinating calls are held monthly.

### **Hawaii Energy Policy Forum Peer Exchange**

Conducted a workshop with government fleet officials, industry leaders, and government procurement experts from multiple islands to advance and accelerate Hawaii's renewable energy goals through clean transportation. This peer exchange identified and explored clean mobility language and infrastructure within government fleets. It further investigated and built connections among county and state levels in order to support ongoing collaboration on clean transportation procurement. The workshop convened in October 2019.

### **Transportation Hui**

A group of over 75 stakeholders brought together to understand the issues and priorities on the shared use of clean vehicles fueled by renewable energy. Workshops convened in February and May of 2019.

### **Sustainability Working Group**

Informally convened middle management County staff to define and communicate sustainability principles and actions in order to dissolve departmental silos. Creating a more holistic approach towards making the County of Hawaii more sustainable. Currently assessing program outcomes and developing approaches.

### **Peoples Advocacy for Trails Hawaii (PATH)**

Not only responsible for the only bike-share program on Hawaii island, but PATH is also devoted to sustainability through promoting traffic safety education and a safe environment on roadways and trails for recreation, fitness and alternative modes of transportation. Promoting an endemic

sustainability culture of mobility on Hawaii Island through support for bike and pedestrian routes, organizing Walk to School Days and events.

### **Mayors Active Living Council (MALAC)**

Founded in 2013, the Mayor's Active Living Advisory Committee (MALAC) is a volunteer-citizen based committee that supports and advises the Mayor of Hawaii County and partners with representatives from county departments and other organizations to implement the Mayor's vision for fostering a healthy, safe and active Hawaii island community.

### **Vibrant Hawaii**

Presentation to community group and stakeholders and ongoing involvement emphasizing the importance of community engagement and integrating equity into the County's response to climate change. Focusing on the 60% of households that are considered ALICE (Asset Limited, Income Constrained, Employed) and how sustainable climate action can tackle underlying systemic issues to alleviate poverty.

### **Shared Use Mobility Center**

Worked with this public-interest nonprofit to achieve equitable, affordable, and environmentally sound mobility for Hawaii County through the development of targeted and foundational strategies in the 2020 Roadmap.

### **Hawaii Island Food Alliance (HIFA)**

The County serves to coordinate and facilitate organizations and individuals from across the island and the food system to share resources, knowledge, opportunities, catalyze action, influence policy and initiate project partnerships. The goal is to create a resilient, economically just, ecologically sound and culturally rich food system for Hawaii Island.

### **Hawaii Tourism Authority (HTA)**

The County of Hawaii Tourism Program partners with the Hawaii Tourism Authority (HTA) to develop and implement the Hawaii Island Tourism Strategic Plan (TSP) and TSP Action Plans that focus on Sustainable and Responsible Tourism initiatives include "green" product development, festivals and events, and activities, the "Pono Pledge" information campaign, community-based marketing strategies, supporting infrastructure that promotes alternative forms of transportation, and education of youth and the workforce.

## **PLANS AND ACTIONS**

### **Greenhouse Gas Inventory for 2015**

An inventory of greenhouse gas emissions for Hawaii County to serve as a basis for decision-making and provide direction on future GHG reduction efforts at county and community levels. Published in January 2020.

### **Hawaii Island Shared Mobility Roadmap**

Brings together a cross-sectoral group of stakeholders to establish strategies for building out a County-wide, multi-modal transportation system founded on partnerships, technology, and innovation. Published in February 2020.

### **Climate Action Plan**

Identifies a baseline inventory of GHGs and outlines strategies to reduce emissions through equitable actions. Integrates actions and policies from several County plans from other departments all focused on emissions mitigation. Draft in progress.

### **Cadmus Vehicle Fleet Analysis**

With help from Cadmus, the County has begun the analysis of the current fleet with the intention of transforming the fleet to zero-emission by 2035. The initial phase of the target fleet analysis is near completion. In order to determine possible candidate vehicles for replacement or retirement, parameters were chosen to include; the vehicle year, volume of current (high/low/no) use, miles per gallon, maintenance cost and asset book value.

### **Arizona State University (ASU) Docket Review**

Research and Development, Corporation Council and the Mayor's office work with ASU to conduct and engage in electrical energy-related Dockets being heard by the Public Utility Commission (PUC). Dockets currently being heard include increase application, Performance-Based Regulation, Integrated Grid Planning, and Electrification of Transportation.

### **Hawaii Island Tourism Strategic Plan (TSP) and TSP Action Plans**

Together with HTA, the County of Hawaii Tourism Program is working with communities, businesses, and other organizations to develop the TSP. Goals of the strategic plan include responsible tourism, pono-based visitor communication, place-based education for residents, and infrastructure.

<b>R&amp;D Sustainability Goals and Initiatives Matrix (3/25/20)</b>	<b>Support the department's integration of planning and implementation of sustainable principles in its work with communities, businesses and other agencies.</b>	<b>Raise awareness of what the term sustainability represents and the guiding principles of sustainability.</b>	<b>Conduct environmental scans to assess current conditions as they relate to the guiding principles of sustainability.</b>	<b>Identify a vision for sustainability and recommend solutions.</b>	<b>Support the development of sustainability actions plans.</b>	<b>Support, monitor and comment on the department's efforts to effectuate sustainable planning, policies, programs, projects and operations.</b>
State Climate Change Commission	Other Agency/NGO			X	X	X
Four County Collaboration	Government	X		X	X	X
Hawaii Energy Policy Forum Peer Exchange	Community, Government, Other/NGO	X		X	X	X
Transportation Hui	Community, Government, Other/NGO	X		X	X	X
Sustainability Working Group	Government	X		X	X	X
Peoples Advocacy for Trails Hawaii (PATH)	Community, Government, Other/NGO	X		X	X	X
Mayors Active Living Advisory Council	Community, Government, Other/NGO	X		X		
Vibrant Hawaii	Community, Government, Other/NGO	X		X		
Shared Use Mobility Center	Community, Government, Other/NGO		X	X		
Hawaii Island Food Alliance (HIFA)	Community, Government, Other/NGO	X	X	X	X	
Hawaii Tourism Authority (HTA)	Community, Government, Other/NGO	X		X	X	
GHG Emissions Inventory for 2015	Community, Government, Other/NGO		X	X	X	X
Hawaii Island Shared Mobility Roadmap	Community, Government, Other/NGO	X	X	X	X	X
Climate Action Plan	Community, Government, Other/NGO			X	X	X
Cadmus Vehicle Fleet Analysis	Government, Other/NGO		X	X	X	X
Arizona State University (ASU) Docket Review	Government, Other/NGO		X	X	X	X
Hawaii Island Tourism Strategic Plan	Community, Government, Other/NGO	X		X	X	