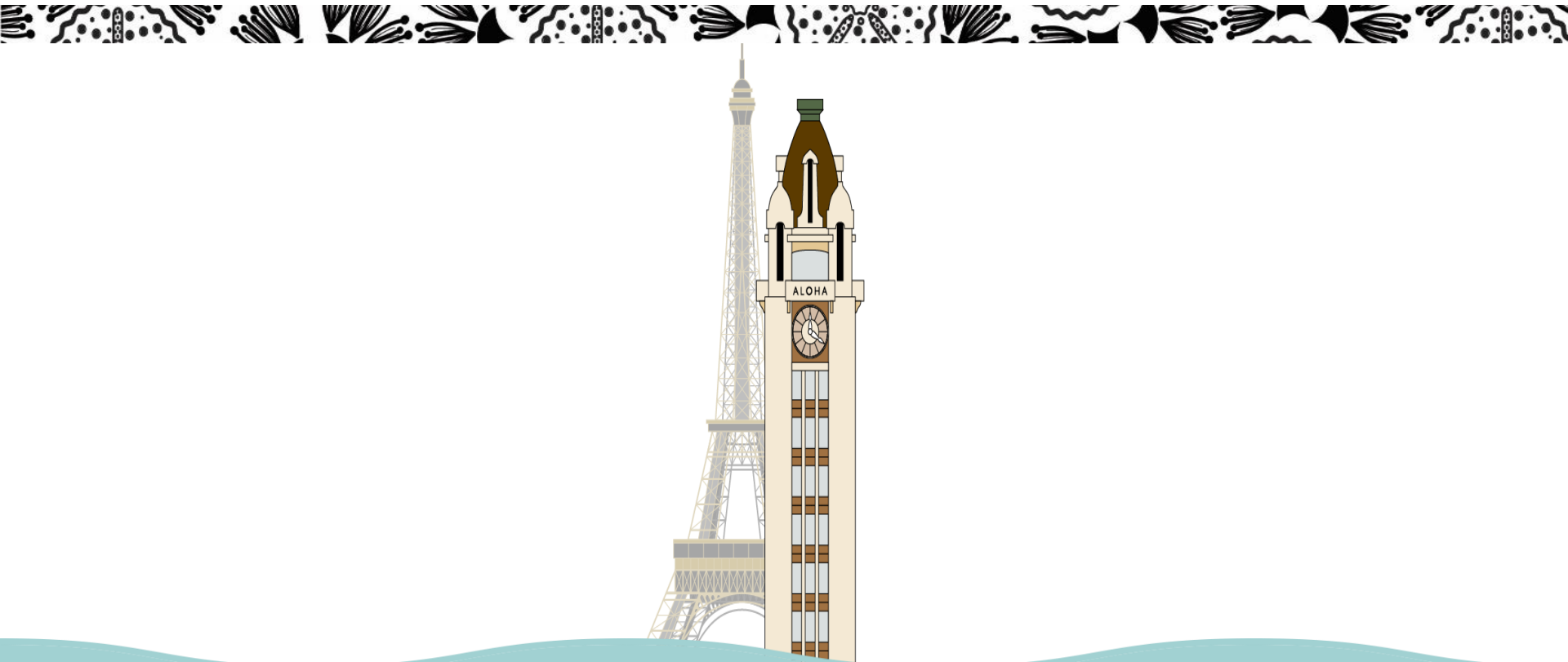


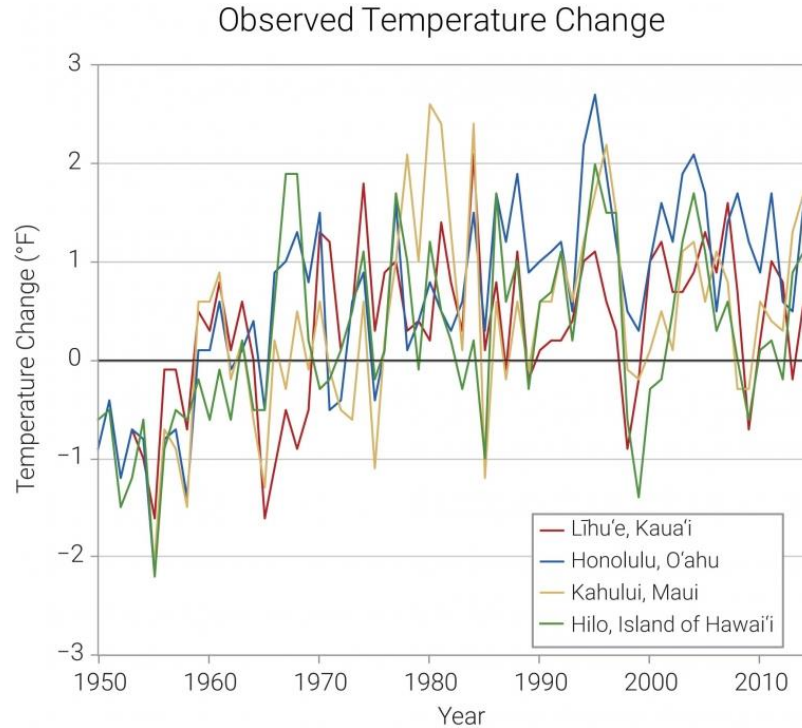
Climate Ready Hawaii



Climate Change in Hawaii: What's happening now

Hotter days

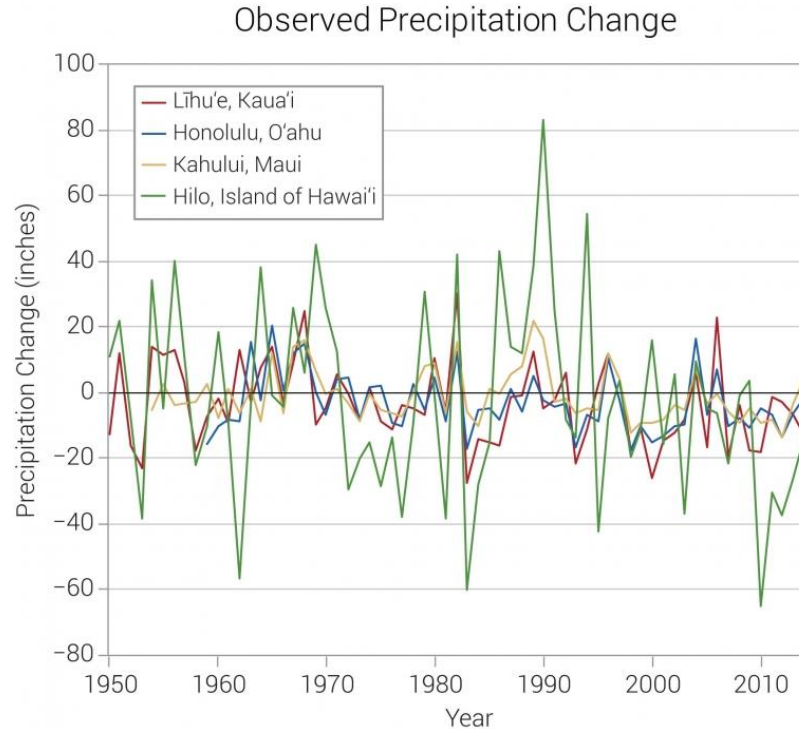
- Temps in HI have increased 2.5 degrees F between 1950-1980.



Climate Change in Hawaii: What's happening now

Precipitation Changes

Drier overall



Climate Change in Hawaii: projections

Sea Level Rise

- > 1m likely in second half of century
- 0.38m – 3.31m by 2100
- 1.23m by 2060 in extreme scenario

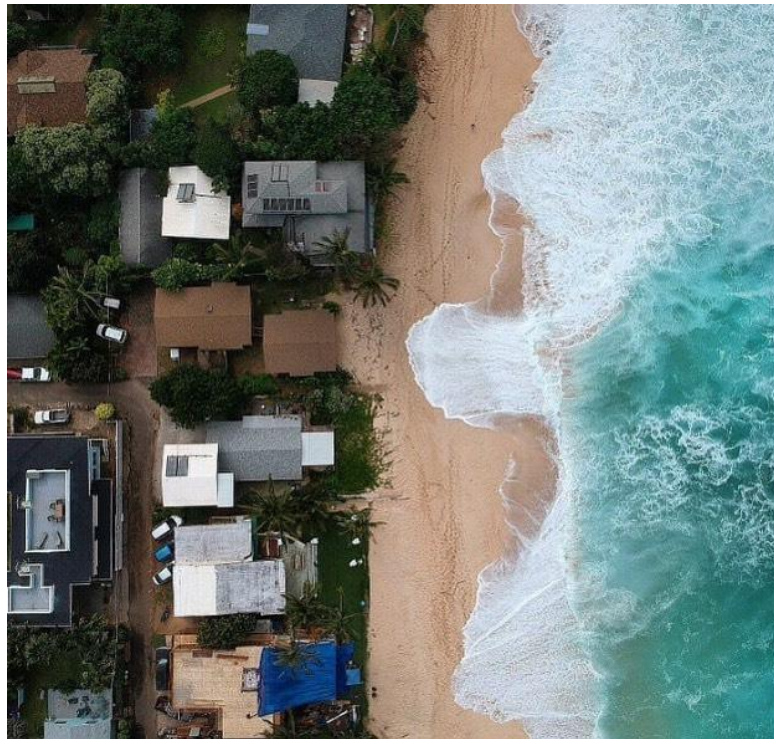


Photo: Lynn Englum, Vanishing Places, Instagram

Climate Change in Hawaii: What's happening now

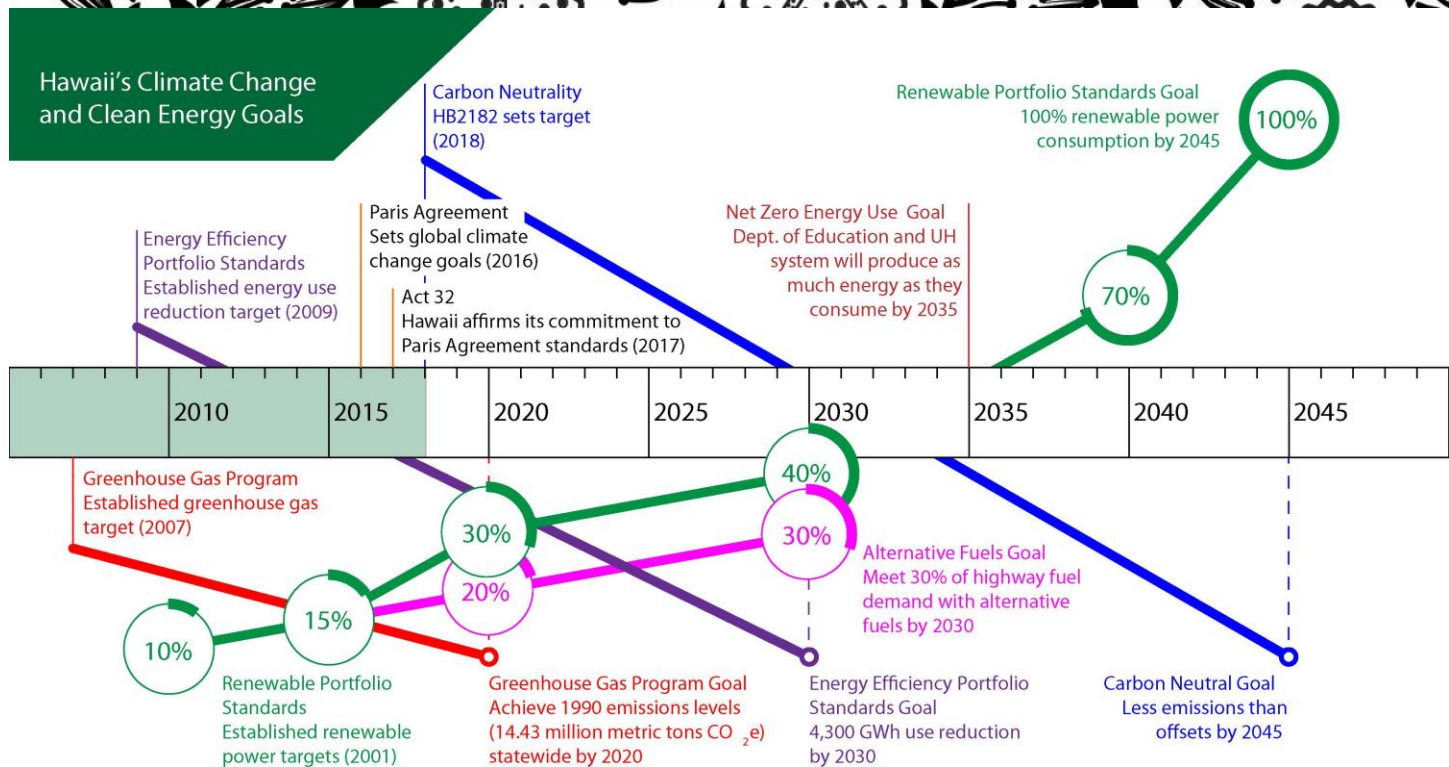
High tide flooding

Since 1960s, increased
from 6 days/year to 11.

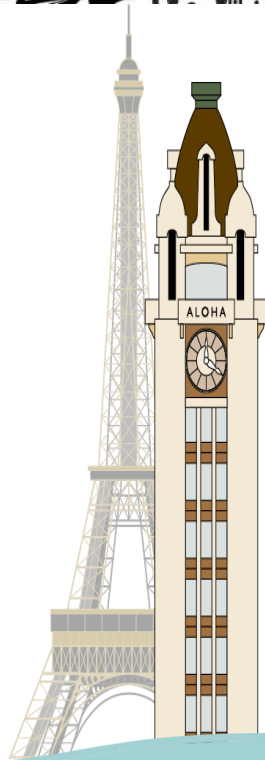


Photo: Hawaii news now

Hawaii has a lot of goals



Hawaii's Response to Climate Change



The Paris Agreement

2016: 197 countries agree to limit global temperature rise below 2°C.

Hawaii's Response—Act 32

§225P-3 Hawaii climate change mitigation and adaptation commission; general functions, duties, and powers. [See Note at beginning of chapter.] (a) There is established the Hawaii climate change mitigation and adaptation commission that shall be placed within the department of land and natural resources for administrative purposes only.



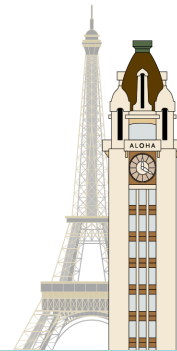
HRS §225P-3(k) (Act 32, SLH 2017) Mandates, excerpted

1. Provide policy direction, facilitation, coordination, and planning among state and county agencies, federal agencies, and other partners
2. Establish climate change mitigation and adaptation strategies and goals to help guide planning and implementation statewide using the latest scientific analysis and risk assessment to monitor and forecast climate change related impacts at the regional, state and local level, including any additional information deemed necessary.
3. Identify vulnerable people, communities, industries, ecosystems and potential economic ramifications for climate change related impacts
4. Identify existing climate mitigation and adaptation efforts at the federal state and local levels and make recommendations for how to meet or exceed Hawaii's state mitigation goals and shall adopt a liberal approach in prep, so as to minimize future risk to the people and environment of Hawaii

Who is on the Commission?

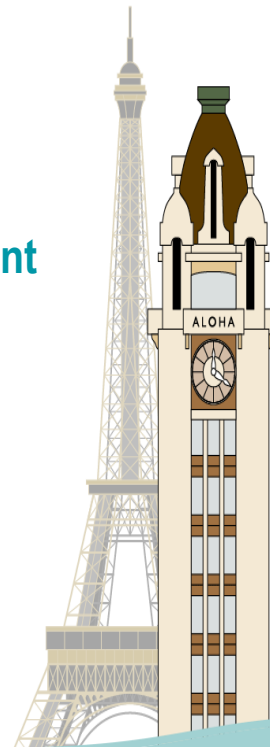
- 20 members
- 2 co-chairs--DLNR and OP
- legislators
- county planning directors
- directors and chairs of state departments and boards

High level
Multi jurisdictional

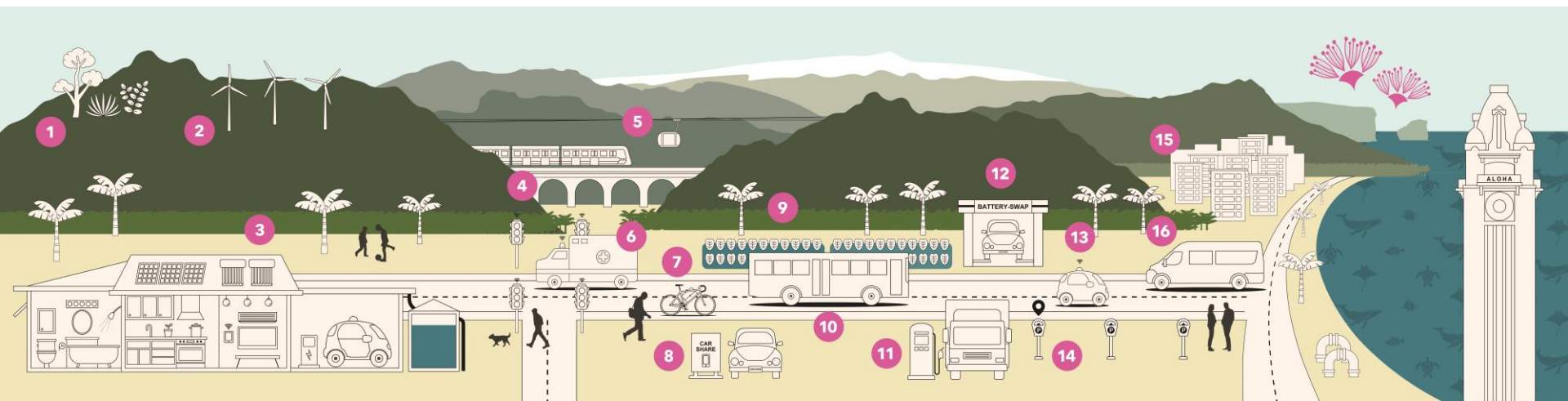


A Climate Ready Hawaii is...

...Clean, Equitable and Resilient




Mitigation: Reduce Emissions from Ground Transportation



Adaptation and Resilience: to support agencies and departments



- **Maintain best available information and practices on SLR adaptation (Info Hub)**
 - **Provide guidance to counties for planning and permitting (Planner's Tool)**
 - **Engage communities to help determine priorities (Community Matters strategy)**
 - **Provide support to conduct vulnerability assessments (Decisionmaker's Tool)**
- 

Climate Ready Hawaii: Green infrastructure projects DOT+DLNR

Punalu'u Beach Park

- 3+ feet likely in second half of century
- 1-10.5 feet by 2100
- 3.5 feet by 2060 in extreme scenario

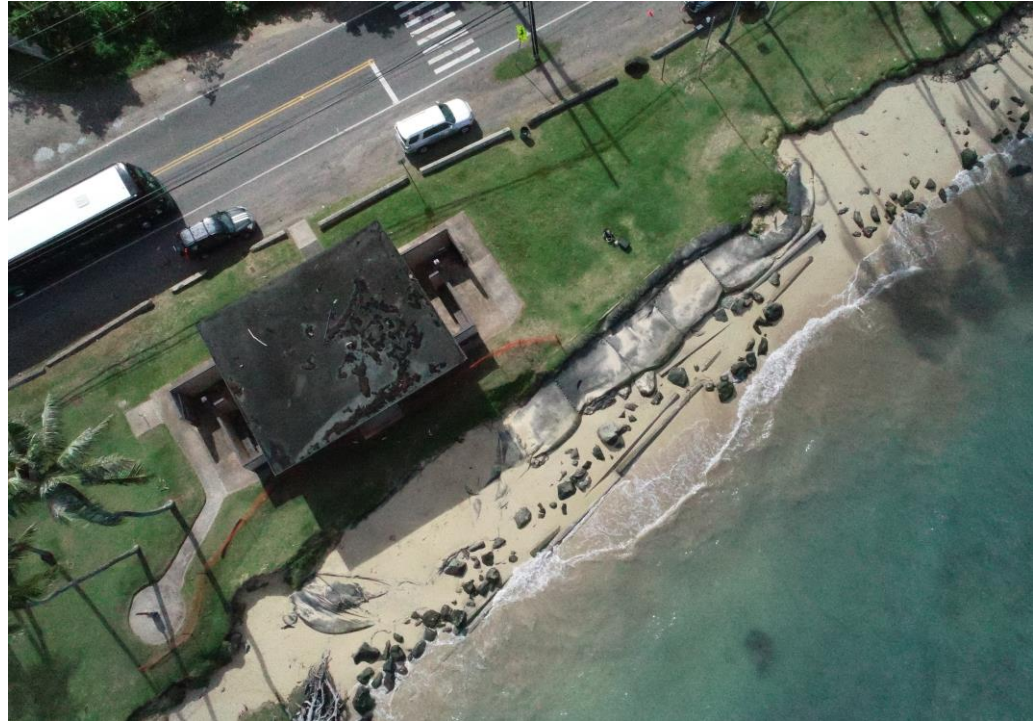


Photo: Dr Shellie Habel

Contact info

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DLNR

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