



KAUA'I CLIMATE ADAPTATION PLAN

Project Factsheet

What is climate change?

Human activities are emitting greenhouse gases into the atmosphere that trap heat and warm the air. Compared to the late 19th Century average, these emissions have warmed average annual air temperature at Earth's surface by 2.2°F.¹ According to the Intergovernmental Panel on Climate Change (IPCC), it is unequivocal that human influence has warmed the atmosphere, ocean and land.

Climate change is accelerating and impacts are growing in frequency and magnitude. They include increases in the frequency and intensity of hot extremes, marine heatwaves, heavy precipitation, agricultural and ecological droughts, sea level rise, and the proportion of intense tropical cyclones.

1. IPCC, 2021: Summary for Policymakers. In: Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [Masson-Delmotte, V., P. et al. (eds.)]. In Press.

What is expected to occur on Kaua'i?



**Precipitation
Extremes**



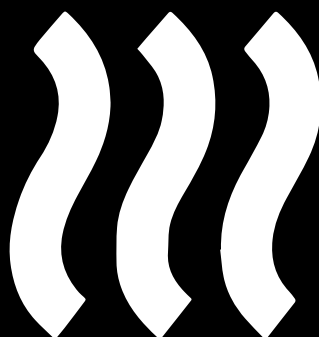
Wildfire



Sea Level Rise



Warming



Drought



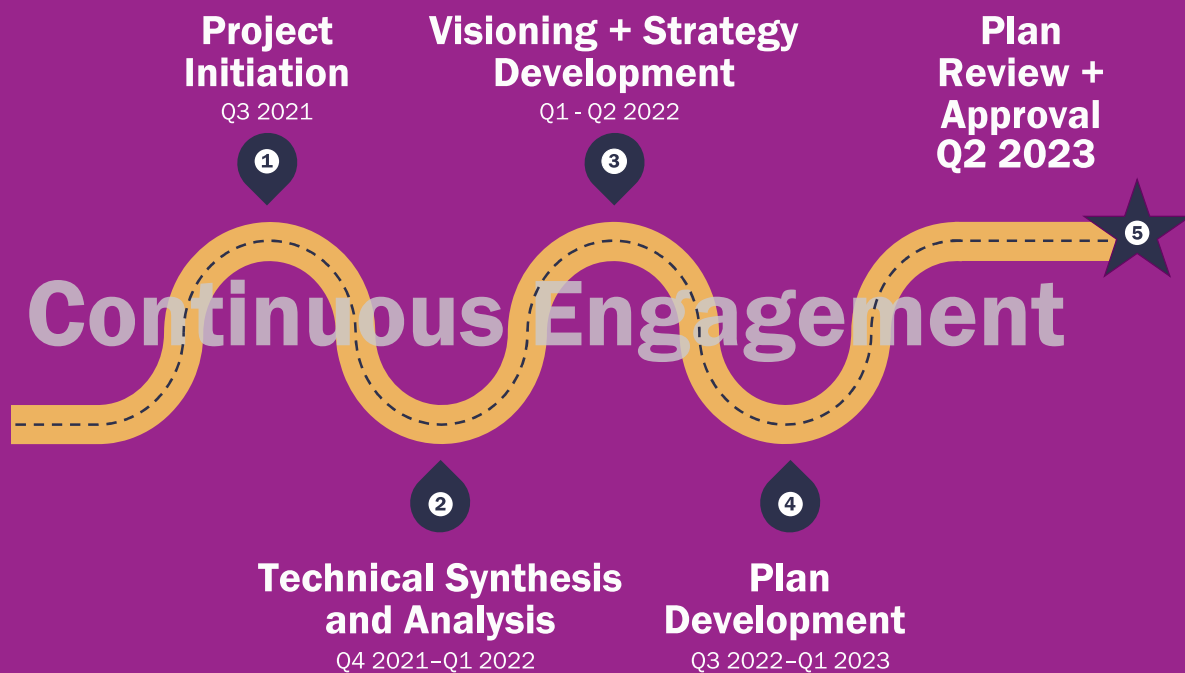
Marine Heat Wave

What is the Climate Adaptation Plan?

The County of Kaua'i General Plan directs agencies to prepare for the impacts of climate change. Therefore, the County is developing a Climate Adaptation Plan (CAP) using a community process and the best available science. The plan will present a framework of actions to ensure people, places, and natural and built systems are able to adapt to and mitigate climate change. It will:

- Incorporate residents' knowledge of their environment and community
- Build on related County plans
- Assess exposure and vulnerability to climate risks and hazards
- Recommend adaptation strategies and identify priority actions

Project Timeline



How can I get involved?

- Attend an Open House
- Attend a Deep Dive session
- Share a story on the website
- Participate in an online survey
- Contact the Planning Department

Get in Touch

For more information on the Kaua'i Climate Adaptation Plan visit kauaiadaptation.com or scan the code below with your phone.

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