
UPDATE OF THE HAWAI'I WATER PLAN FRAMEWORK

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Hawai'i Commission On Water
Resource Management





OUTLINE

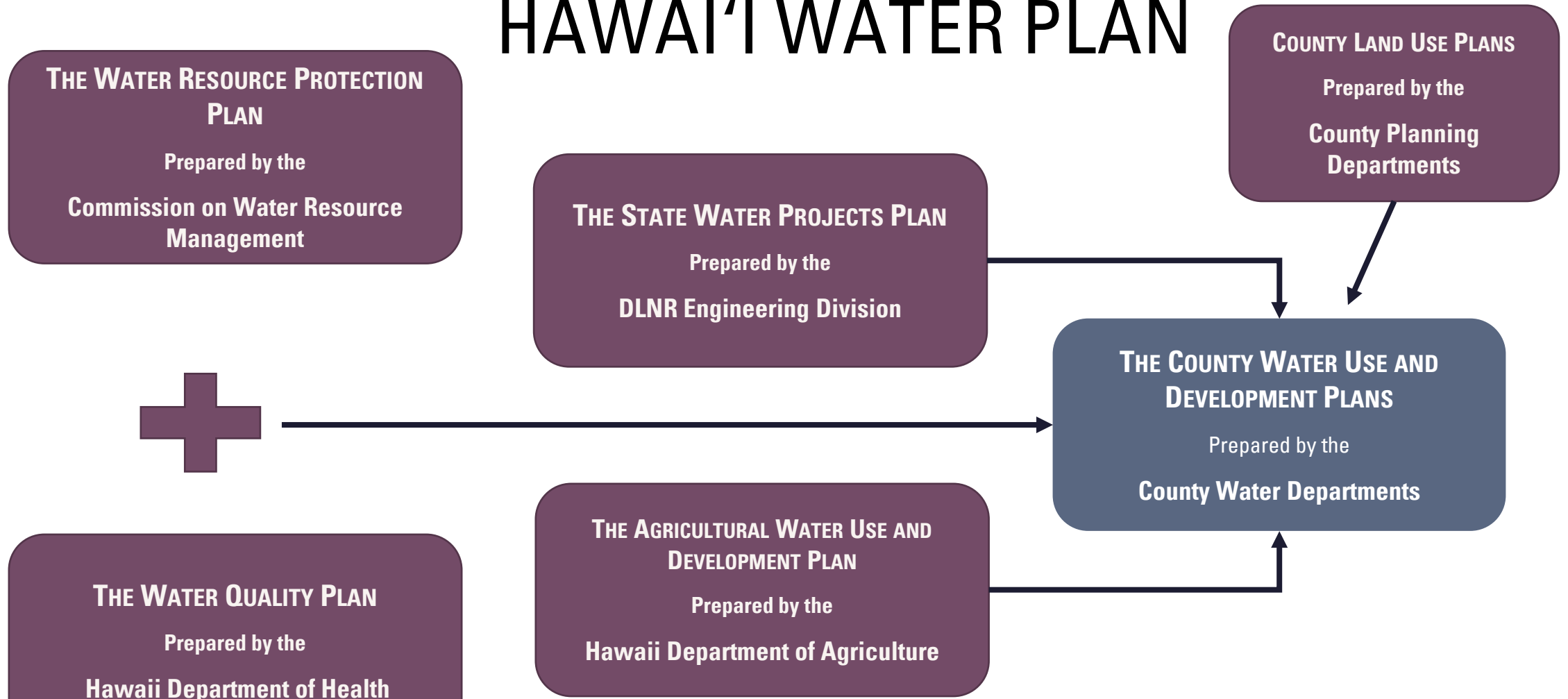
State Water Code and the Hawai'i Water Plan
Framework for Updating the Hawai'i Water Plan
Process for Updating the Framework

STATE WATER CODE AND THE HAWAI'I WATER PLAN

*There is a need for a **program of comprehensive water resources planning** to address the problems of supply and conservation of water. **The Hawaii water plan**, with such future amendments, supplements, and additions as may be necessary, is accepted as the guide for developing and implementing this policy. (§174C-2(b) HRS)*



HAWAI'I WATER PLAN



WHAT IS THE QUALITY AND QUANTITY OF FRESHWATER RESOURCES AND HOW DO WE PROTECT IT?

HOW MUCH WATER DO WE NEED FOR STATE FACILITIES (SCHOOLS, HOSPITALS), DHHL AND AGRICULTURE?

HOW WILL OUR LAND USE POLICIES IMPACT WATER RESOURCES?

HAWAI'I WATER PLAN

Balancing protection
with efficient use



HAWAI'I WATER PLAN FRAMEWORK

- Guidance for updating HWP components
 - Adopted on February 16,2000
 - Promotes an Integrated Resource Planning (IRP) approach to preparing the HWP components
 - Recommends:
 - Process to identify appropriate mix of resources to meet future needs;
 - Analysis that is inclusive of traditional and innovative resource strategy options;
 - Developing planning scenarios and objectives to screen strategy options; and
 - A participatory decision-making process
-



State of Hawaii, Department of Land and Natural Resources
Commission on Water Resource Management



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STATEWIDE FRAMEWORK



<https://dlnr.hawaii.gov/cwrm/planning/hiwaterplan/framework/>

The State Water Code calls for coordination between the Commission, the counties, and other state agencies to “protection, conservation, and management of waters in each county ...” To effectively implement these requirements, a Statewide Framework for Updating the Hawaii Water Plan, incorporating the techniques of Integrated Resources Planning, was established to address current complexities associated with planning, regulation, and management of our water resources. This planning framework is intended to guide the integration and updating of all the components of the Hawaii Water Plan (HWP).

The objectives of developing and outlining a statewide framework for the Hawaii Water Plan

PLANNING INDEX

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WHY UPDATE THE FRAMEWORK?

20 years of plan preparation



WHY UPDATE THE FRAMEWORK?

Issues need to be addressed:

- Climate change
- Stakeholder input
- Cultural resource/knowledge integration
- Are the plans fulfilling public trust obligations?
- Are the plans useful to the preparing agencies and the public?

PROCESS FOR UPDATING THE FRAMEWORK



PROCESS FOR UPDATING THE FRAMEWORK



PROCESS FOR UPDATING THE FRAMEWORK



HWP EMAIL SURVEY

- 109 emails sent
 - 47% responded
 - Recipients included:
 - University of Hawaii
 - NGO/Non-profit
 - Public and private water utilities
 - Irrigation systems
 - State agencies
 - Federal agencies
 - County planning departments
-

CONCLUSIONS FROM SURVEY?

1. HWP components used as **reference documents**;
2. No guidance on how to address **climate change**, the **needs of farmers**, and **balancing reasonable use and protection** of public trust resources; but
3. Respondents feel the purpose of the HWP is to **protect and conserve water resources**; and
4. The County water use and development plans should be prepared collaboratively amongst the **County water and planning departments**

PROCESS FOR UPDATING THE FRAMEWORK



FOCUS GROUPS TO IDENTIFY A NEW FRAMEWORK



T&C experts
University of Hawai'i
Practitioners



Economic development
Alexander and Baldwin
Parker Ranch
Kamehameha Schools
Hawai'i Community
Foundation



Agriculture
Farmers
Ranchers
Irrigation Systems
Hawai'i Farm Bureau



Climate Change
SOEST
WRRC
Pacific RISA
UH Hilo

FOCUS GROUP MEETINGS TO IDENTIFY A NEW FRAMEWORK

Traditional
and
Customary
Water Use
Focus
Group

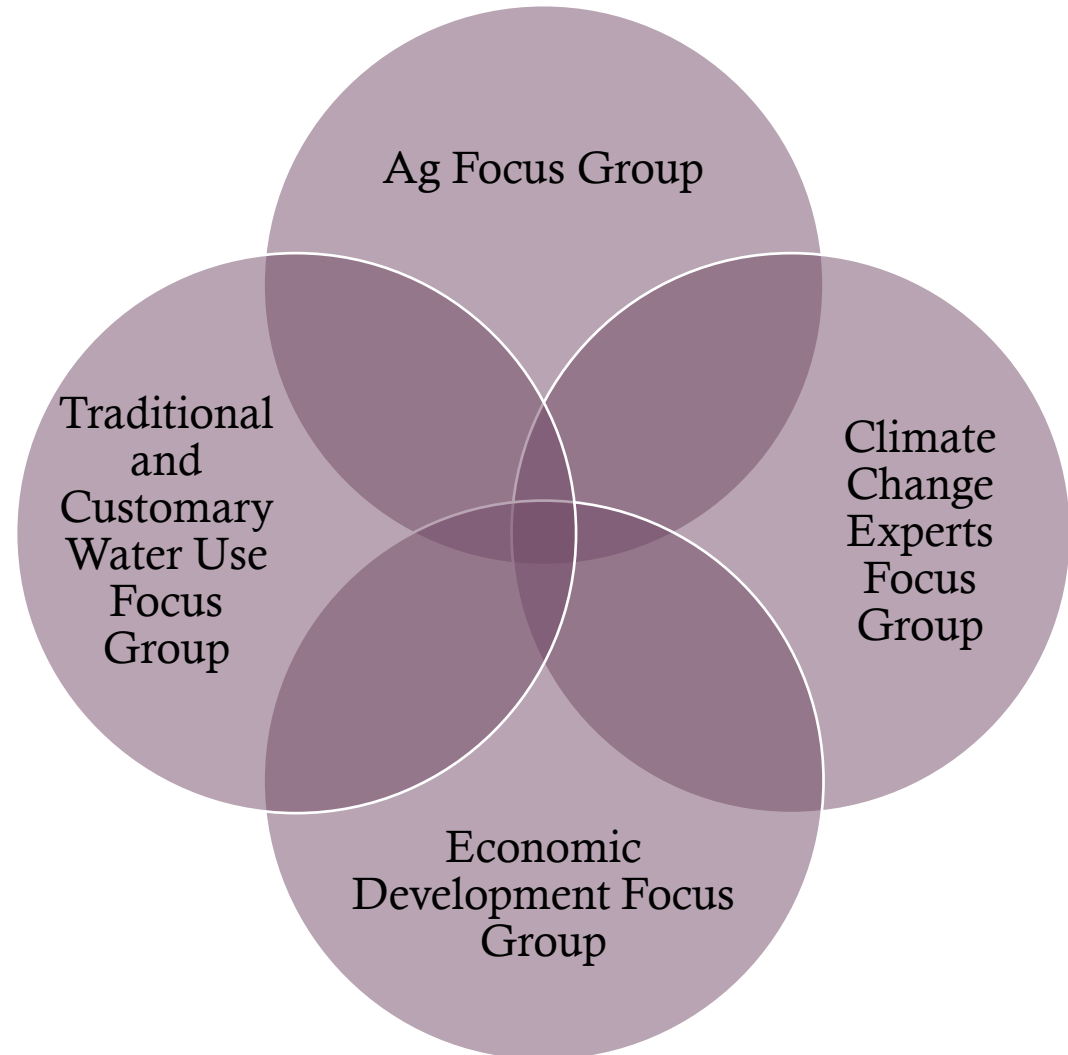
Ag Focus Group

Economic
Development Focus
Group

Climate
Change
Experts
Focus
Group

FOCUS GROUP MEETINGS TO IDENTIFY A NEW FRAMEWORK

Finding shared
visions and water
stories



SHARED VISIONS AND WATER STORIES

A need for place-based management and outreach

Need to reframe what home rule is

Every group felt the protection of T&C rights is important

There should be an increased responsibility towards water

Water delivery/use efficiency is important

Climate uncertainty

We need to prevent inappropriate land uses

The value that water brings to our lives

GUIDING VALUES

Kia'i Wai

- Protecting traditional and customary rights

Ke Kahuwai Pono

- Prioritizing the public trust

Ola I Ka Wai

- The health and well-being of water

Kanawai

- Water equity, balance and sharing

Kilo

- Water consciousness and awareness

Aia I Hea Ka Wai A Kane

- All the elements of water and where they are found

WHAT'S YOUR
WATER STORY?



TIMELINE

DEVELOPMENT OF
NEW FRAMEWORK
INTO GUIDANCE
DOCUMENT

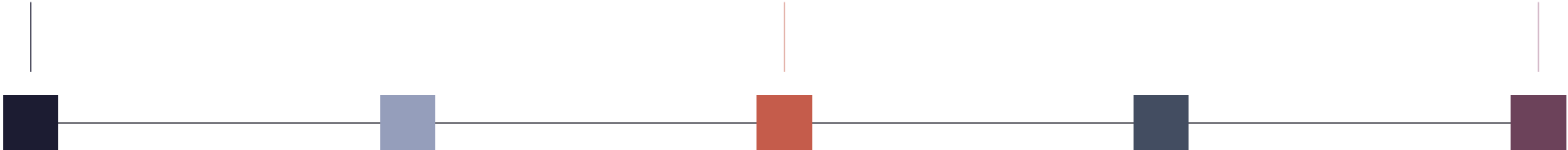
BRIEF THE
COMMISSION

SMALL FOCUS
GROUP MEETINGS

November 2021

April 2022

June 2022



LARGE FOCUS
GROUP MEETING

March 2022

OUTREACH TO
AGENCIES

May 2022

TIMELINE

PUBLIC
INFORMATIONAL
MEETINGS

July/August 2022



FINALIZE UPDATED
GUIDANCE

August 2022



BRIEF THE
COMMISSION

September 2022



HOLD PUBLIC
HEARINGS

October 2022



SUBMIT UPDATED
FRAMEWORK FOR
ADOPTION

November/December
2022





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