



SUMMARY OF SURVEY RESULTS REGARDING REVISING THE STATEWIDE FRAMEWORK FOR UPDATING THE HAWAI'I WATER PLAN

OUTLINE



The State Water Code and the Hawai‘i Water Plan

Framework for updating the Hawai‘i Water Plan

Updating the Framework

STATE WATER CODE AND THE HAWAII 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)

STATE WATER
CODE AND THE
HAWAII WATER
PLAN

Balancing the protection of water resources with the efficient use of water resources

STATE WATER CODE AND THE HAWAII WATER PLAN

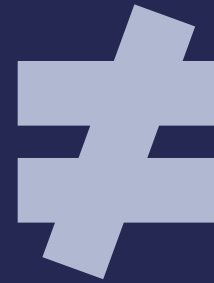


STATE WATER CODE AND THE HAWAII WATER PLAN

State Water
Code

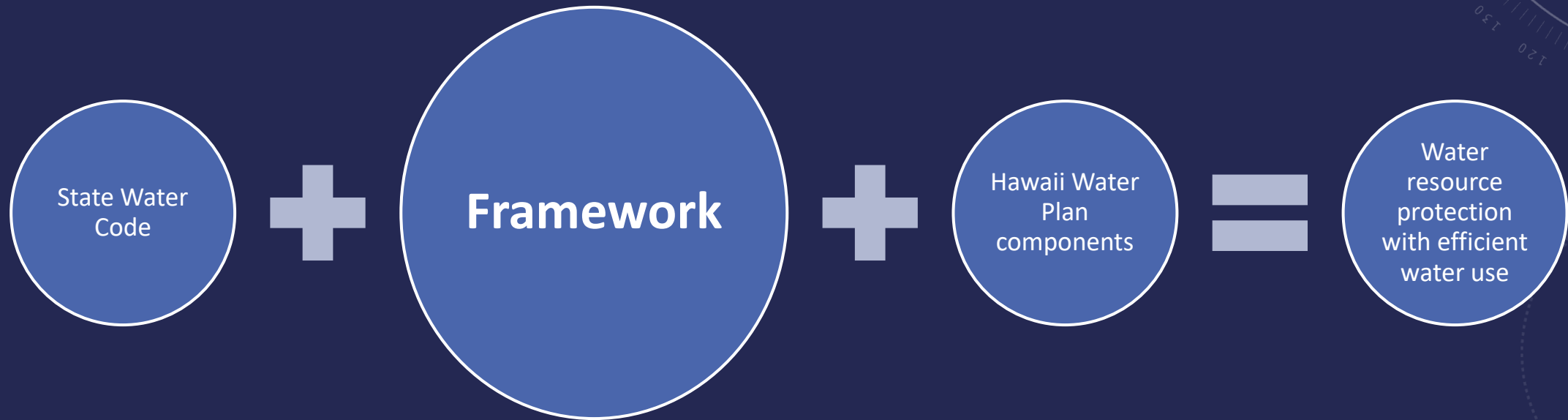


First Hawaii
Water Plan
components
(1990)



Water
resource
protection
with efficient
water use

STATE WATER CODE AND THE HAWAII WATER PLAN



WHAT IS THE FRAMEWORK FOR UPDATING THE HAWAII WATER PLAN?

- Guidance for updating the HWP
- Adopted on February 16, 2000
- Promotes an Integrated Resource Planning (IRP) approach to preparing the HWP components

WHAT IS INTEGRATED RESOURCE PLANNING?

- Process to identify appropriate mix of resources to meet future needs
- Inclusive of traditional and innovative resource strategy options
- Develops planning scenarios and objectives to screen strategy options
- 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 “for-
mulate and submit a plan for the 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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 - [Agricultural Water Use and Development Plan](#)

WHY REVISIT OR REVISE THE FRAMEWORK?

- 20 years of plan preparation
- Issues that need to be addressed:
 - Climate Change – Mitigation, adaptation, inequities
 - Stakeholder input – Who, how to incorporate, how extensive?
 - Cultural resource/knowledge integration
 - Do the plans fulfill public trust obligations?
 - Utility of the plans for preparing agencies and public
- Identified as action item in 2019 WRPP update

UPDATING THE FRAMEWORK



UPDATING THE FRAMEWORK



HWP SURVEY



109 emails sent

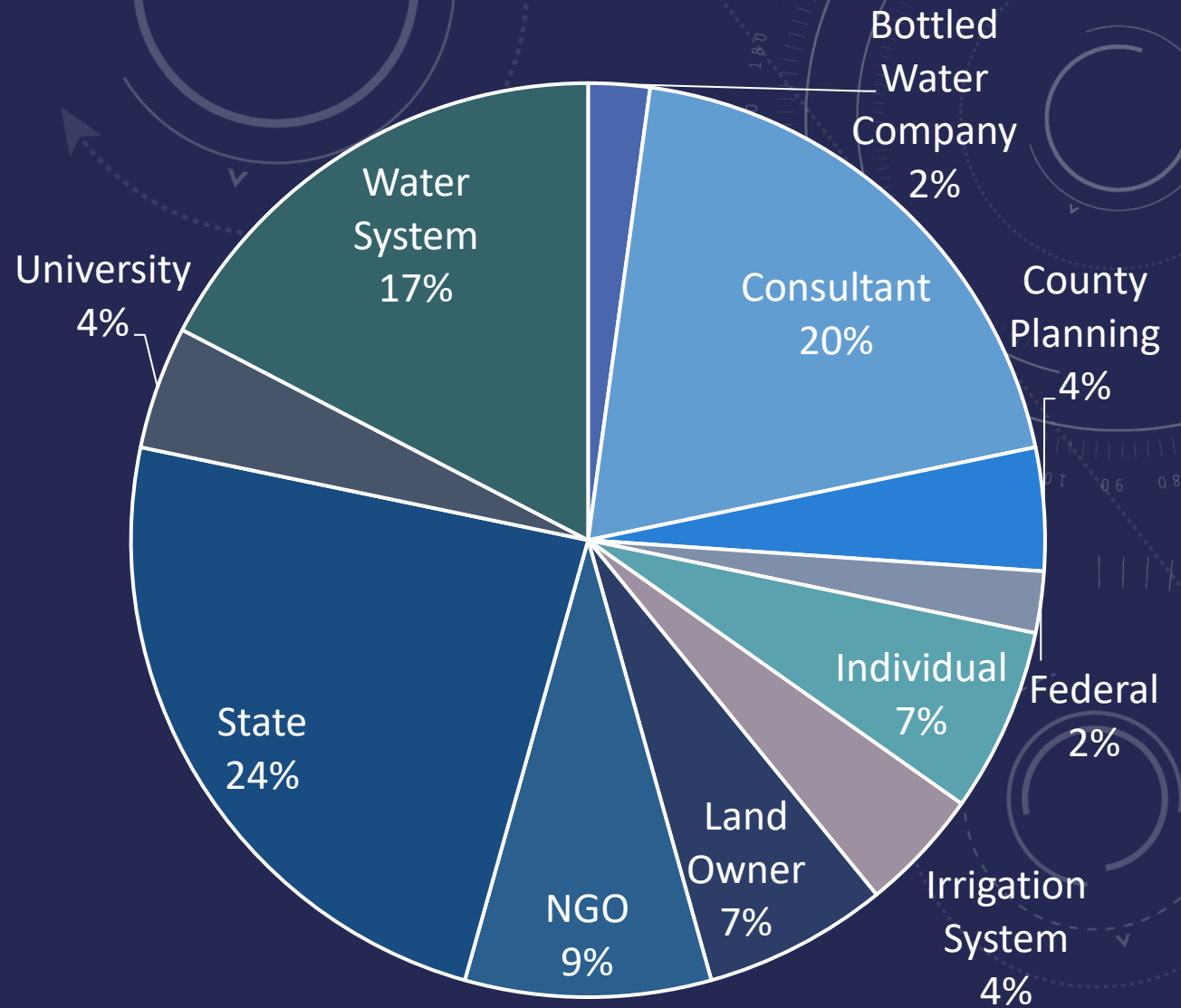
47 responses

43% response rate

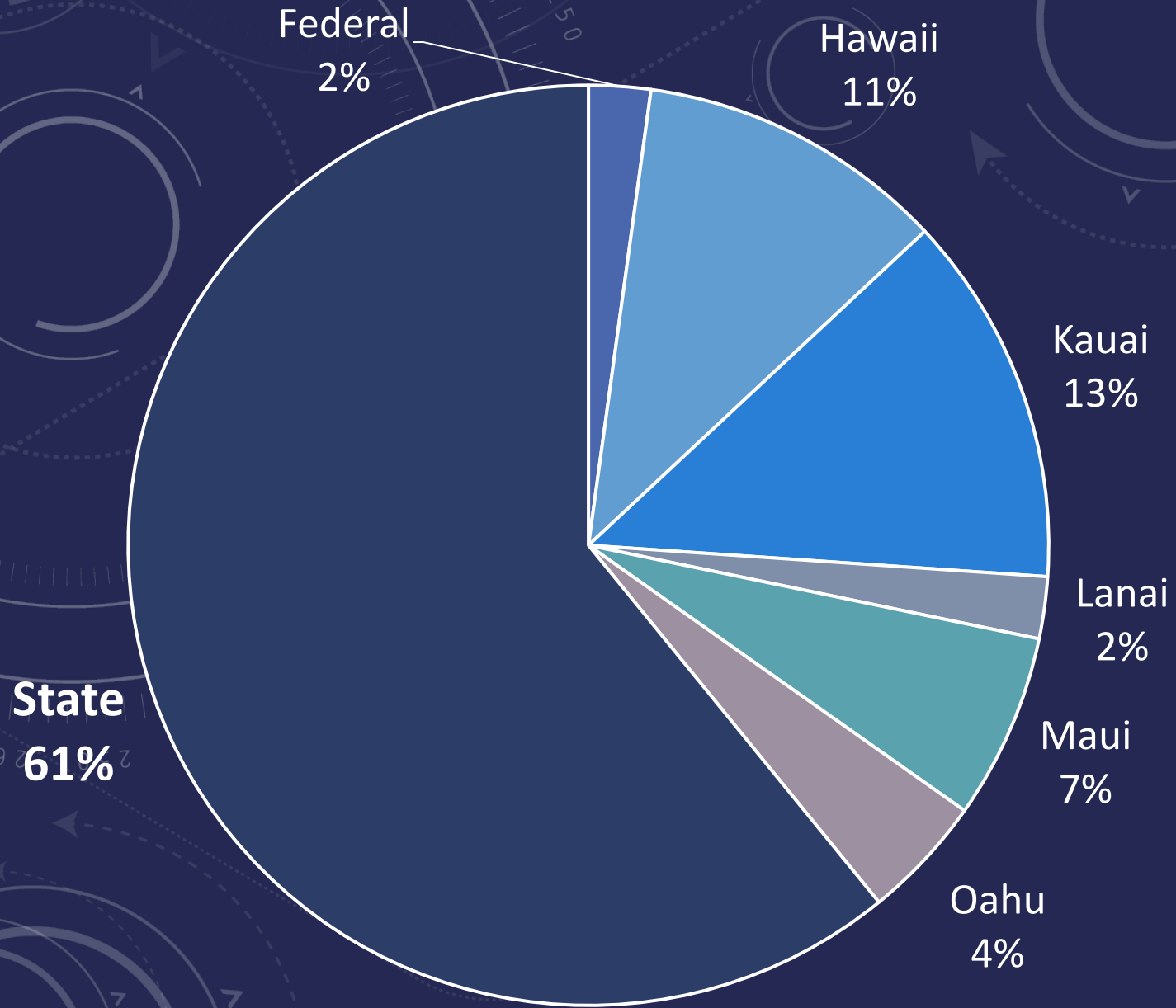
WHO GOT THE SURVEY?

- University of Hawaii
- NGO/Non-profit
- Public and private water utilities
- Irrigation systems
- State agencies
- Federal agencies
- County planning departments
- Large landowners
- Land developers
- Industry advocate groups
- Water bottling companies
- Consultants
- Individuals

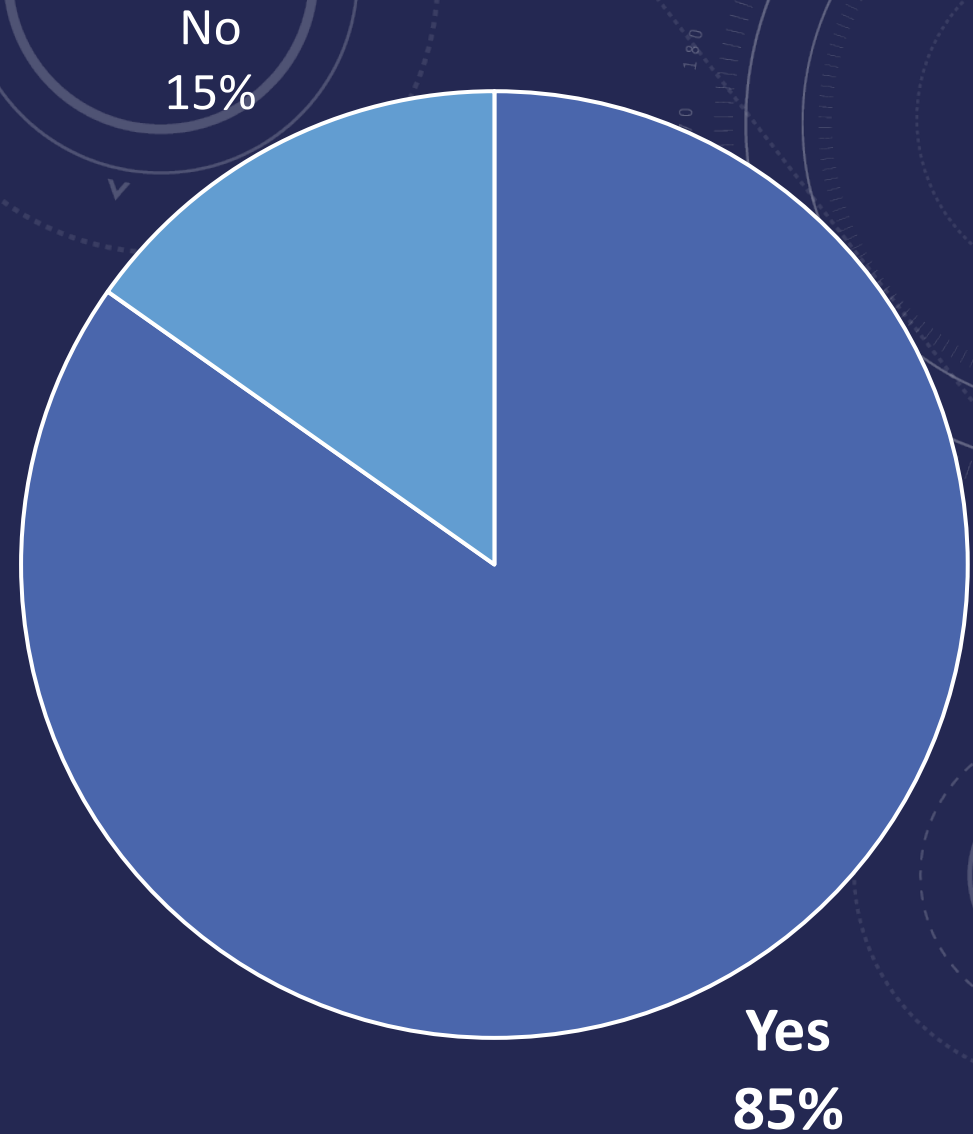
WHO TOOK THE SURVEY?

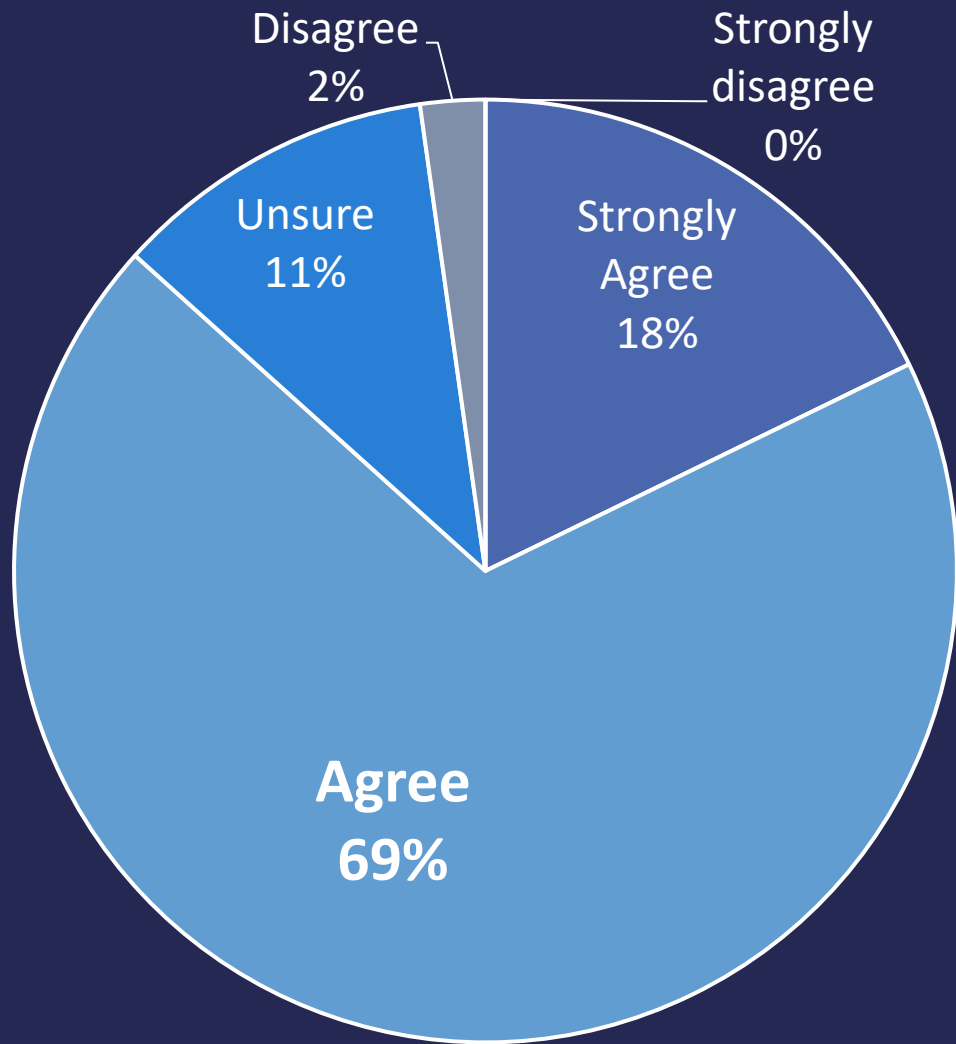


FROM WHERE?



WERE THEY FAMILIAR WITH THE HWVP?





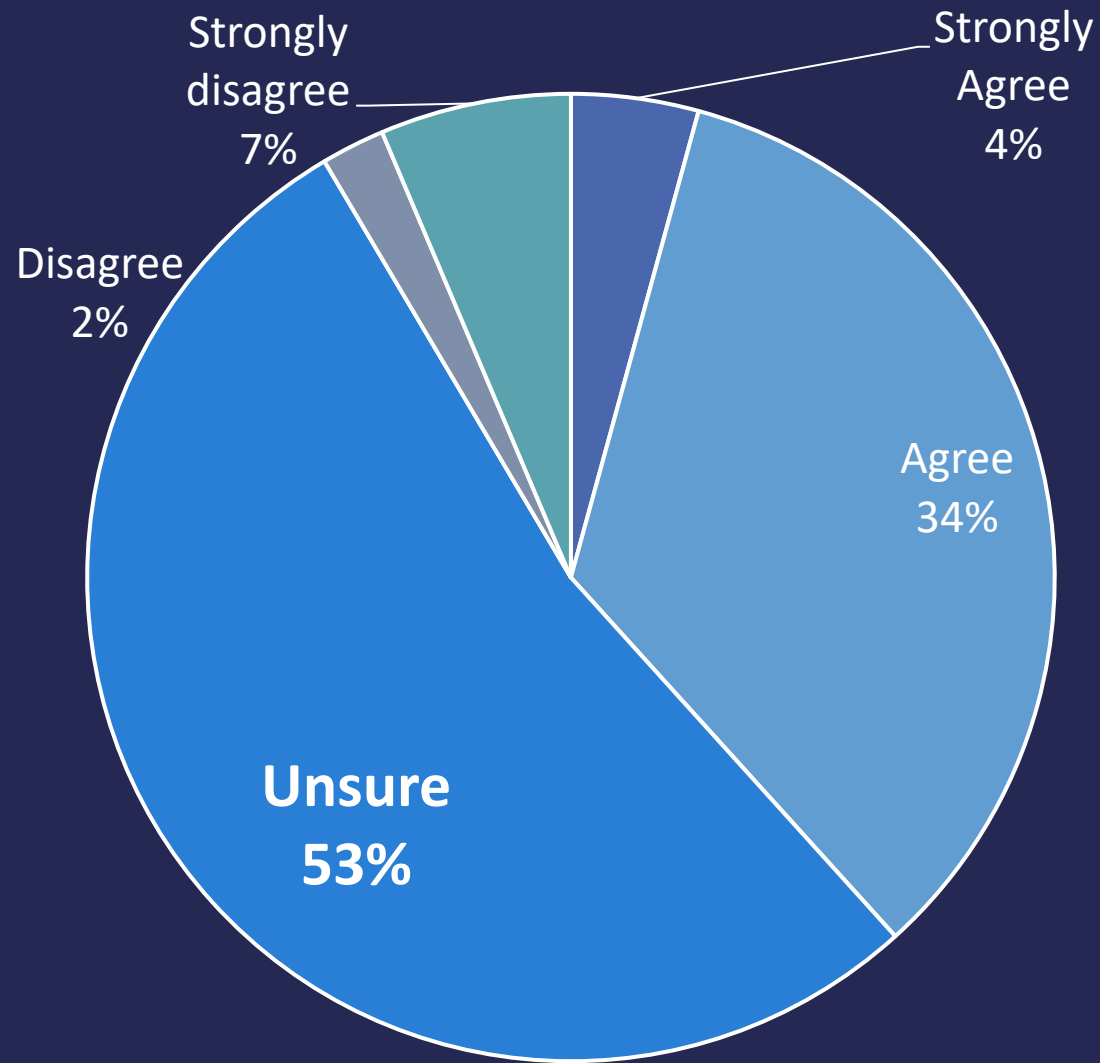
DO THEY
UNDERSTAND
THE PURPOSE OF
THE HAWAII
WATER PLAN?

HOW DO THEY USE THE HWP?

- As a reference document (~25%)
- To create plans for their agency (~12%)
- Do not use the plan(~11%)

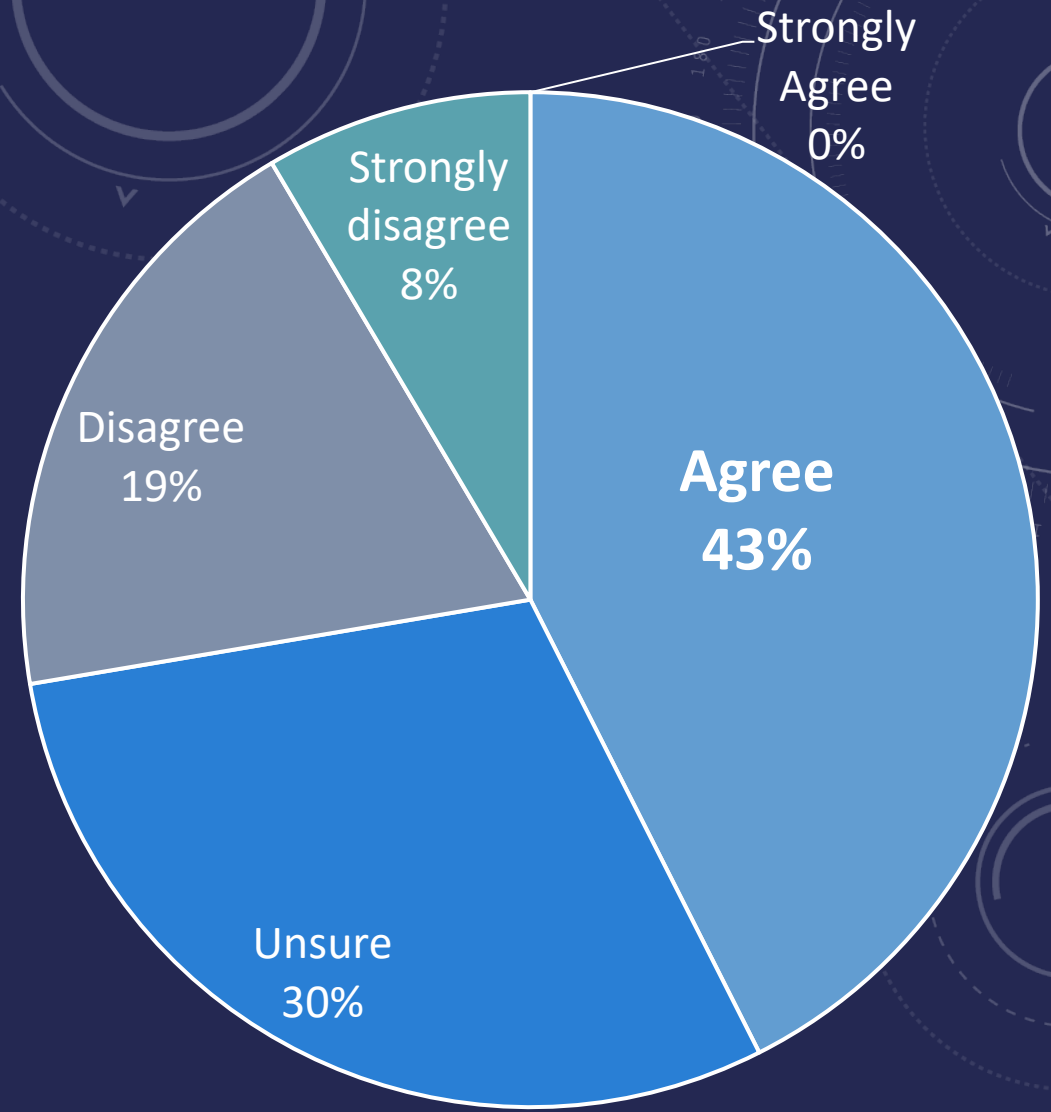
WHAT'S THE MOTIVATION TO PARTICIPATE IN THE HWP PROCESS?

- Participate in planning for Hawaii's water future
- Ensure State fulfills its public trust obligations
- Required to participate



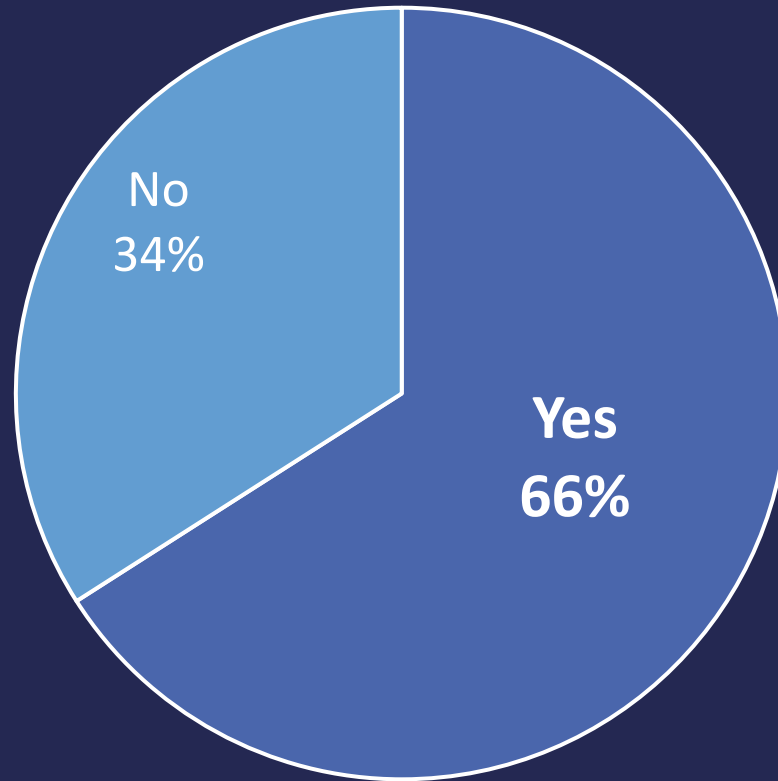
IS THERE ADEQUATE
PUBLIC
PARTICIPATION
AND OUTREACH IN
THE PREPARATION
OF THE HWP
COMPONENTS?

**IS THERE ADEQUATE
CONSIDERATION
GIVEN TO BALANCING
RESOURCE
PROTECTION POLICIES
AND WATER USE
STRATEGIES?**

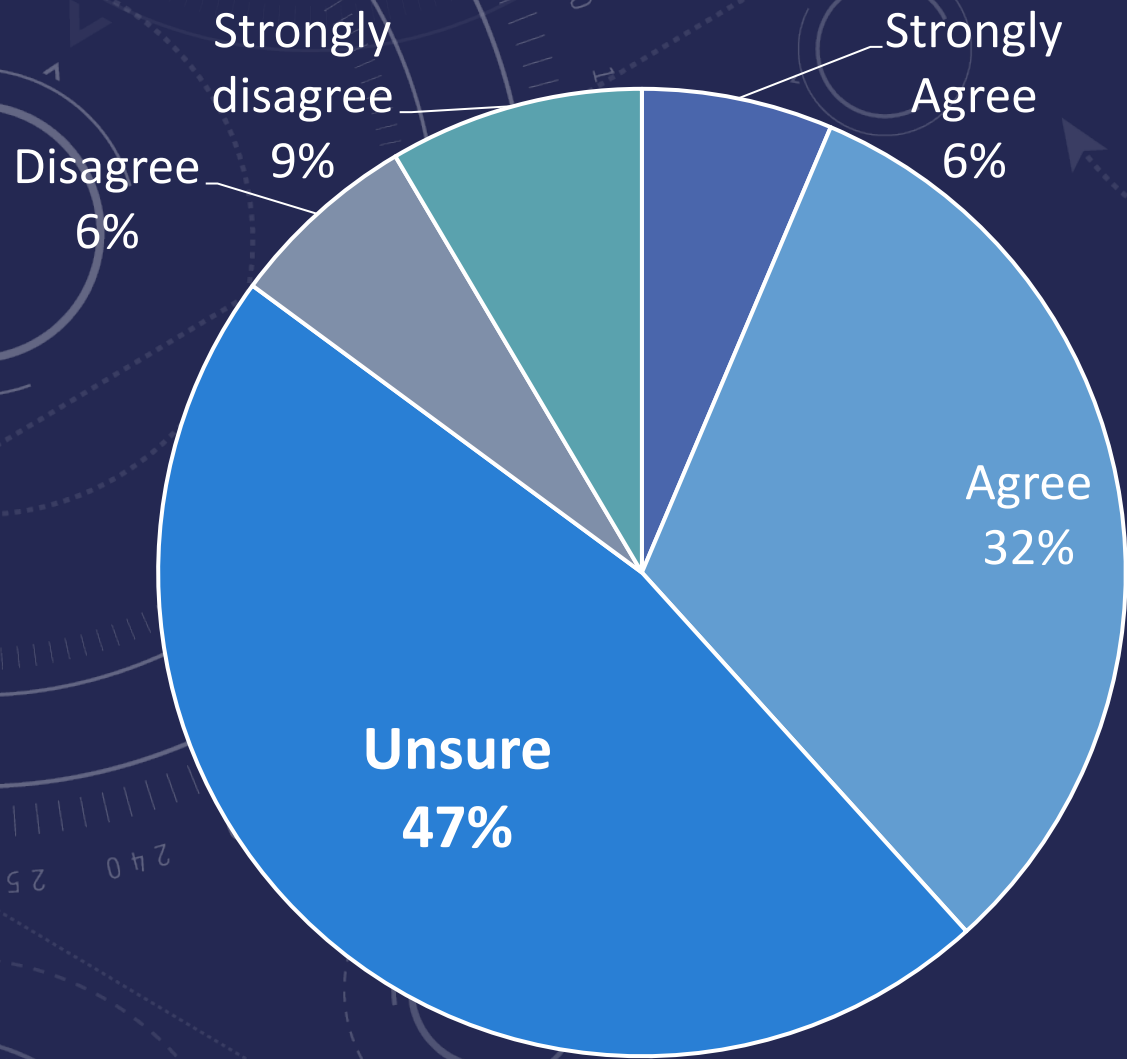


WHICH COUNTY
AGENCY SHOULD
BE RESPONSIBLE
FOR PREPARING
THE WUDPS?



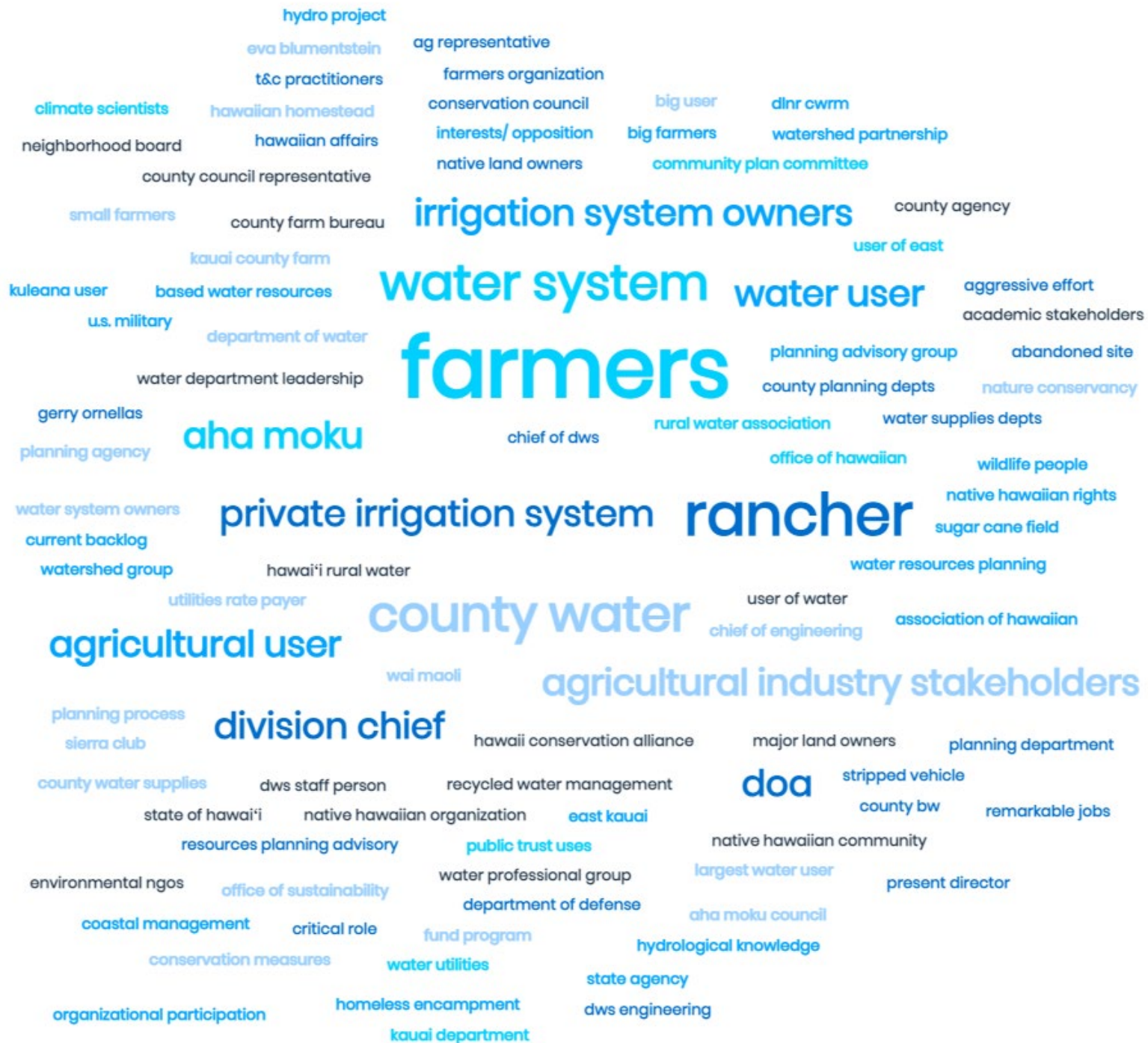


**ARE YOU FAMILIAR WITH THE
HWP FRAMEWORK?**



**FRAMEWORK PROVIDES
GOOD GUIDANCE FOR
MANAGING CURRENT AND
FUTURE USE AND
PROTECTING PUBLIC TRUST
USES OF WATER?**

STAKEHOLDERS
THAT SHOULD
BE A PART OF
THE
FRAMEWORK
UPDATE



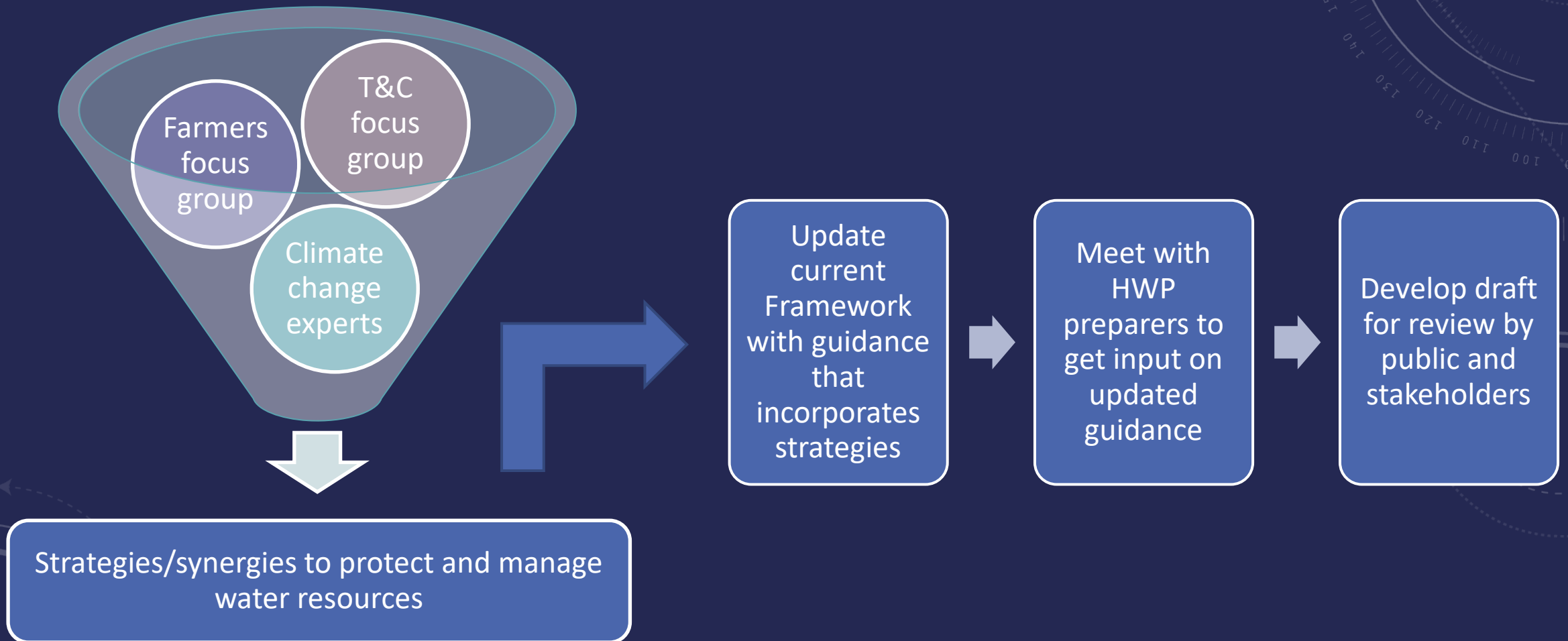
STAFF CONCLUSIONS FROM SURVEY?

1. The HWP has the most utility as a **reference document** to those surveyed;
2. HWP is not addressing **climate change** and **needs more public outreach and input**, especially from **farmers**;
3. Framework does not give good guidance on balancing reasonable use and protection of **public trust resources**, but
4. Respondents feel the purpose of the HWP is to **protect and conserve water resources**; and
5. The County water use and development plans should be prepared collaboratively amongst the **County water and planning departments**

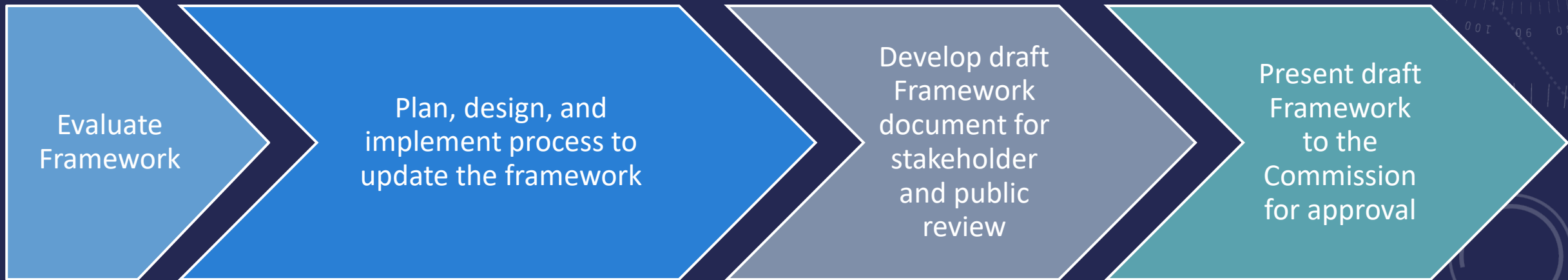
UPDATING THE FRAMEWORK



PROPOSED PROCESS FOR UPDATING THE FRAMEWORK



UPDATING THE FRAMEWORK



THANK YOU FOR YOUR TIME

- For more information please visit:
<https://dlnr.hawaii.gov/cwrm/planning/hiwaterplan/framework/>

