

WebEx Meeting Instructions



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If you're having tech issues, click on "Chat," select "Direct" messages, and choose "Hawaii Public Utilities Commission" in the search field.



Learn how to Raise your Virtual Hand to speak: Click on "Raise Hand" in your tool bar at the bottom, using the icon that looks like a raised hand.

Equity Improvements for the Integrated Grid Plan ("IGP") Requests for Proposals ("RFP")

Meeting #4

Energy Equity and Justice Docket No.
2022-0250

January 29th, 2024 | 9am-12pm



STATE OF HAWAII
PUBLIC UTILITIES COMMISSION

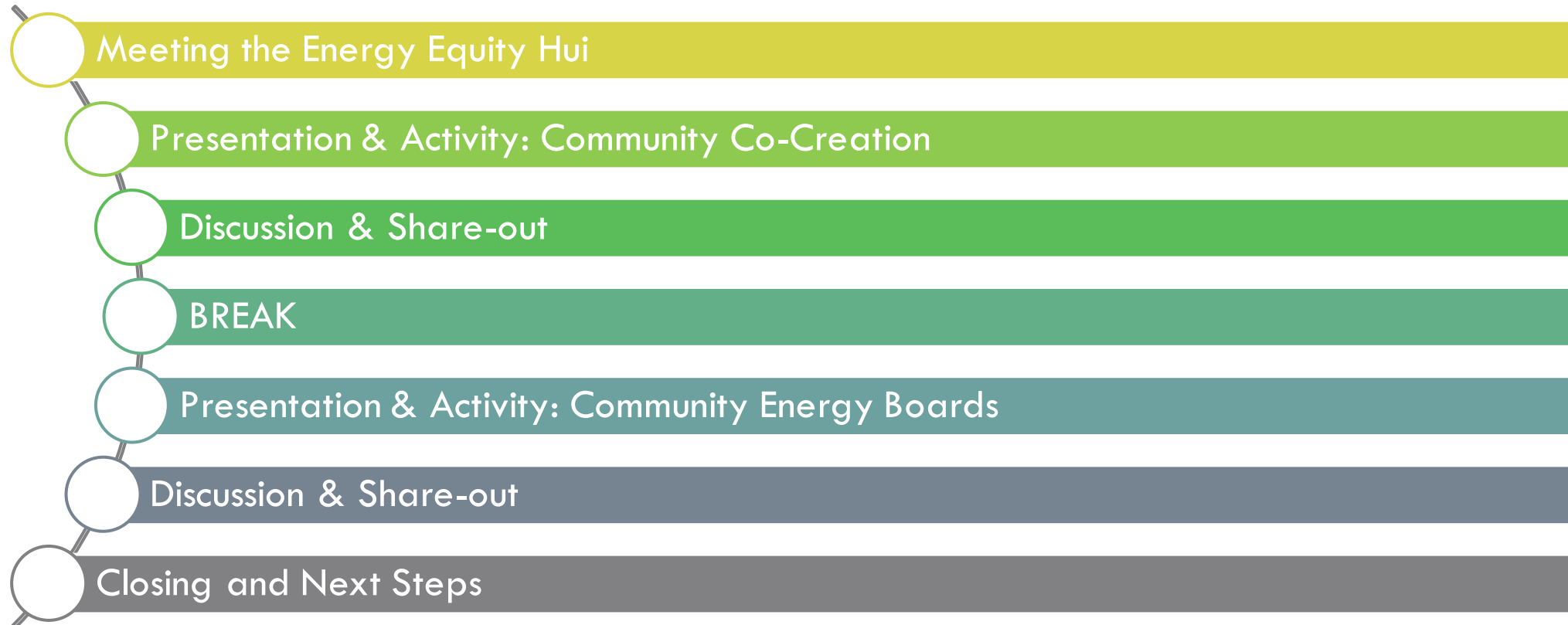
Meeting Norms



‘A’OHE NUI KA HANA KE ALU’IA.

No task is too big when done together by all.

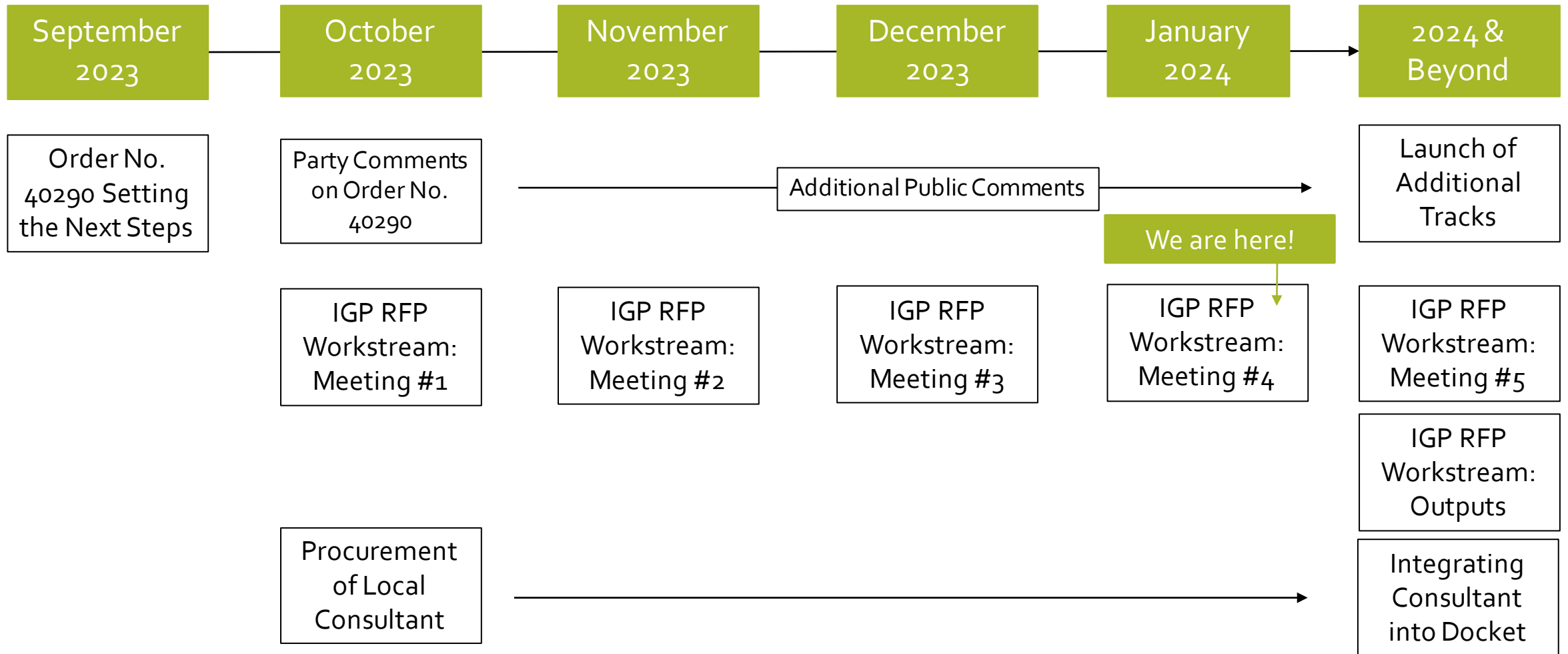
Agenda



Logistical Notes

- **Commission staff will take notes on this meeting.** Statements in the notes will not be attributed to individuals or organizations. All notes, including this presentation, will be filed to the docket record.
- **The plenary sessions will be recorded to ensure that staff can refer to what was said if clarity is needed.** Notes will be taken in breakout rooms, but breakout discussions will not be recorded and will offer a more anonymous way to provide feedback.
- **Please reach out to Alika Luague (alika.j.luague@hawaii.gov)** if you are having any technical difficulties.

Status of the Equity Docket



INTRODUCTIONS VIA CHAT

Name, Role, Organization (if applicable)

Today's Meeting Objectives

Learn about alternative solutions to improve equity in the RFP process:

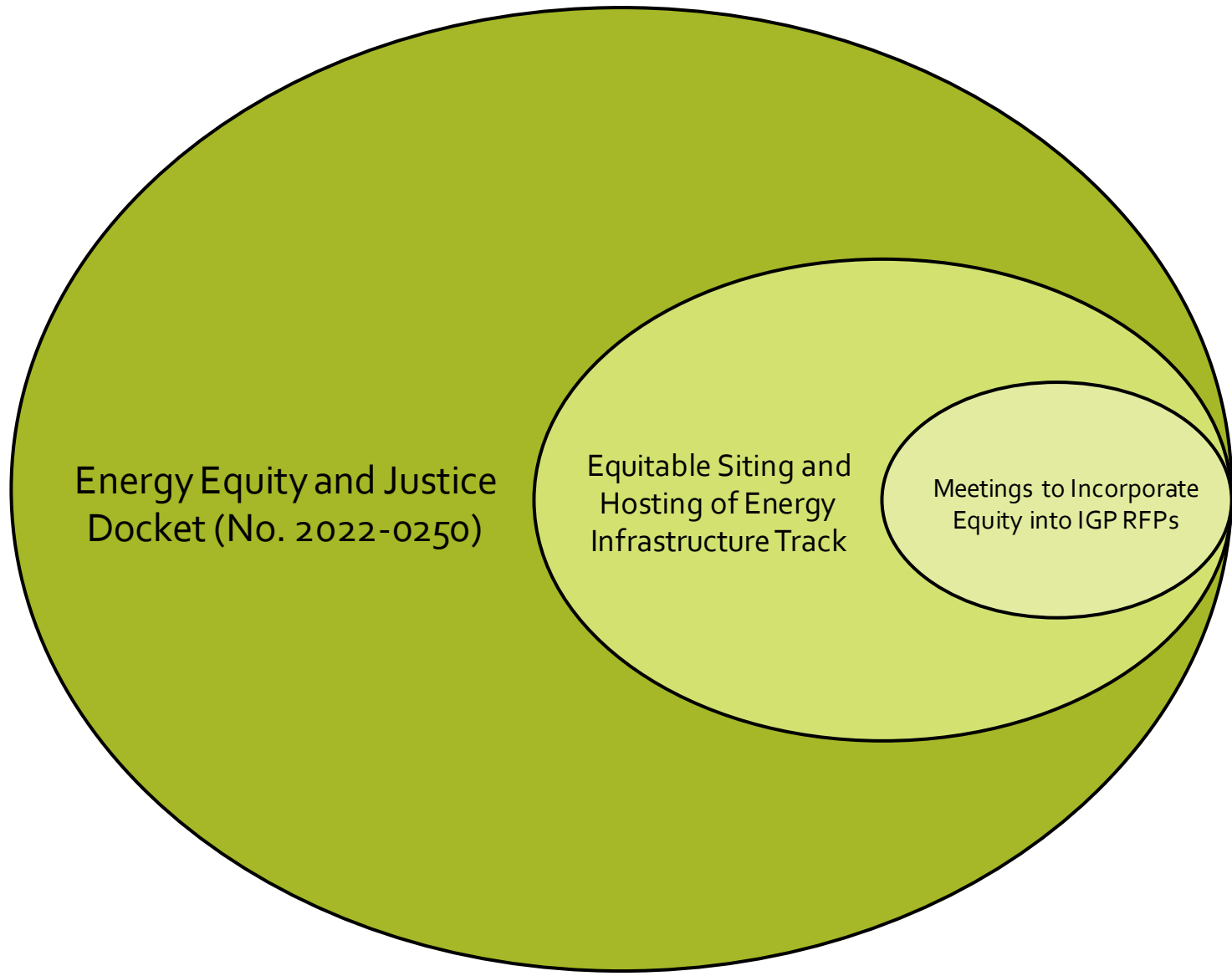
RFP co-creation and community energy advisory boards.

Discuss feasibility of these solutions in the near-term and long-term, and co-prioritize solutions for the next round of RFPs, the Integrated Grid Plan RFPs.

Provide additional opportunities for participants to provide feedback on proposed solutions and offer ideas for new solutions.

FRAMING TODAY'S CONVERSATION

Commission Staff



Meetings to Incorporate Equity into IGP RFPs

Meeting #1: Education & Scoping



Meeting #2: Focus on RFP Perspectives

Meeting #3: Non-Price Criteria & Community Benefit Packages

Meeting #4: RFP Co-Creation & Community Energy Advisory Boards

Meeting #5: Next Steps & Community Input into the RFP Process



**PUC
Request for Feedback**

**Local Consultant
scope**

- PUC is developing an RFP for a Local Consultant to support community outreach and facilitate events & seeking input on scope
- Stakeholders and individuals are encouraged to review draft scope in Equity Docket No. 2020-0250
- Provide feedback (comments, questions, suggestions) as a Public Comment filing by **Friday February 9**
- If questions about how to file, call PUC main line 808-586-2020 or email mike.s.wallerstein@hawaii.gov

COMMUNITY CO-CREATION

Stephanie Chang

Presentation to PUC Energy Equity Docket, Meeting #4

UPFRONT CO-CREATION WITH COMMUNITY and COMMUNITY ENERGY BOARDS

1.29.24

We are the RFP Workstream of the Energy Equity Hui

ENERGY EQUITY HUI

Kurt Tsue
HAWAIIAN ELECTRIC



Stephanie Chang
STEPHANIE CHANG DESIGN INK



Parker Kushima
HAWAII STATE ENERGY OFFICE



Kapua Keliikoa-Kamai
WAIANA E HOMESTEAD DHHL SOLAR PROJECT
SOLARIZE808



Michelle Cyrene Farrar
HAWAII STATE ENERGY OFFICE



Eric Sippert
PUC



Want to see
Hawai'i
Communities
THRIVE

Nickie Nalani Shintani
HAWAII STATE ENERGY OFFICE



Lauren Ballesteros-Watanabe
SIERRA CLUB OF HAWAII



Jennifer Lieu
BLUE PLANET FOUNDATION



Ali Andrews
SHAKE ENERGY COLLABORATIVE



Noelle Kakimoto
HAWAIIAN ELECTRIC



Stephany Vaioleti
FORMERLY OF HAWAII ENERGY

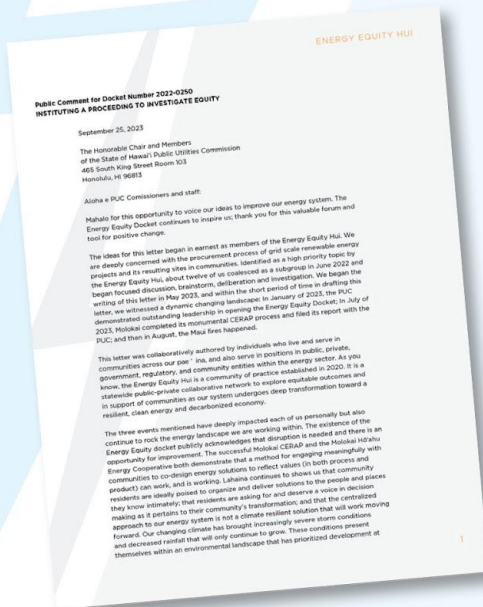


Forest Frizzel
SHIFTED ENERGY



The RFP workstream met monthly for over a year beginning in August 2022 to explore our procurement system for developing grid scale renewable energy projects.

We filed our 18 page letter in the PUC Energy Equity Docket on October 13, 2023



This letter represents our best ideas for improving what we all see as an RFP process ripe for disruption.

You can read the letter in full here:

https://drive.google.com/file/d/1a9Nhb9dHMrZ5DbZU2rW5mZXZSuDDXCTU/view?usp=drive_link

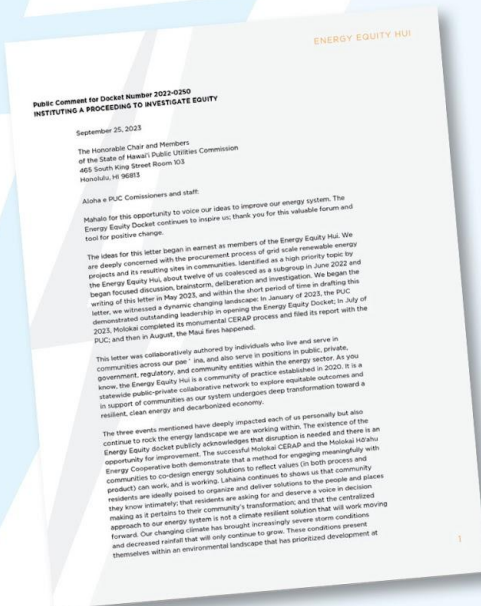
Today we're presenting two key ideas of our letter for your consideration and for your feedback:

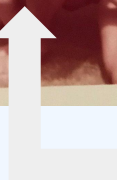
1

A recommendation to significantly retool the RFP process through co-design with community to create the RFP itself

2

A recommendation to create a Community Energy Board to support a community driven process





Stephanie



Lauren

Energy is Life Force

Energy is the life force of a living system

- 1 *'O ke au i kahuli wela ka honua*
The time of change when the earth becomes hot
- 2 *'O ke au i kahuli lole ka lani*
The time of change when the rising steam covers the sky
3. *'O ke au i ku ka'iaka ka lā*
The time when the sun appears covered
- 4 *E ho'omalamalama i ka malama*
However, it is the sun that gives light to the moon

— The *Kumulipo*, Hawai'i's creation story is a 2000 line chant that recounts the birth of all living things, and the interrelationship of all living things with each other. The *Kumulipo* begins with ENERGY that gives life.

Energy is our shared genealogy

Energy is not just a thing you take

As such, Energy Democracy is not just being aware of where the power comes from
(natural, clean, renewable, decarbonized sources)

It's also how we consume it

It's how we relate to it

It's how we govern it

Community Technology

**Community technology honors community intelligence;
The expertise that comes from knowing the place and the people intimately**

It's the skillsets of relating and caring for each other
and the environment
that actually must be taught, learned, and cultivated

It involves emotional intelligence.
Heart leadership skills of compassion, communication,
listening, translation & consensus building
and transforming it into system solutions

Community residents are ideally poised to organize and deliver solutions to the people and places they know intimately. Residents are asking for and deserve a voice in decision making that affects the transformation of their community.

“People closest to the pain have the solutions” – **Miwa Tamanaha**

“We get stuck when we treat systems
as perfect, whole, complete,
and people as broken.
What is possible, if we flip it around?”

– Sable Mensah

A large, stylized lightning bolt graphic on the left side of the slide. It is composed of two overlapping shapes: a light blue one in the foreground and a white one behind it. The bolt points downwards and to the right.

UPFRONT CO-CREATION WITH COMMUNITIES

Community-driven solutions are part of Hawai‘i’s genealogy

Within Hawai‘i’s Natural Resource Management Sector:

CBSFA (Community Based Subsistence Fishing Areas)

are a response to declining shoreline health. It allows a community to co-govern and co-manage their fishery in partnership with the State based on the native Hawaiian customary and traditional subsistence practices of a place.

2014 — CBSFA passed for Ha‘ena, North Kauai

2022 — Miloli‘i on West Hawaii Island

2024 — Kipahulu on SE Maui

E Alu Pū — the network of communities, founded in 2003 by Uncle Mac Poepoe of Mo‘omomi on Molokai

KUA — the nonprofit organization that supports E Alu Pū and community-based environmental stewardship networks.



Ho'āhu Energy Cooperative Molokai, formed in 2020

Within Hawai'i's Energy Sector:

The first community-owned developer in Hawai'i is a response to wanting affordable energy from renewables through a system that is designed in alignment with the Molokai community's values AND builds long term, sustainable, and financial sovereignty for the community as owners.

Formed in 2020
Awarded by HECO in January 2023

Ho'āhu spent three years hosting over 40 public workshops for Molokai residents to co-design the community solar projects, from site prospecting and subscriber benefit design to contractor interviews and analyzing various battery energy storage systems.

Pālā'au CBRE — 2.2 MWs of solar energy + 10.1 MWh battery energy storage system.

Kualapu'u CBRE — 0.25 MW of solar energy + 10.1 MWh battery energy storage system.



providing
20%
of Molokai's
Energy needs



Molokai CERAP (Community Energy Resilience Action Plan), began in 2021

Within Hawai'i's Energy Sector:

The first independent, island-wide, community-led & expert-informed collaborative planning process to increase renewable energy on Molokai.

This community-led process is a response to wanting a meaningful space for a well-informed community to influence important decisions that directly impact their daily lives.

Led by the Molokai Clean Energy Hui and Sustainable Molokai, it addresses the chronic problems of top-down energy planning, including the breakdown of trust in energy institutions, cultural conflicts, environmental degradation, and the inequity of past renewable energy programs driven by outside interests.

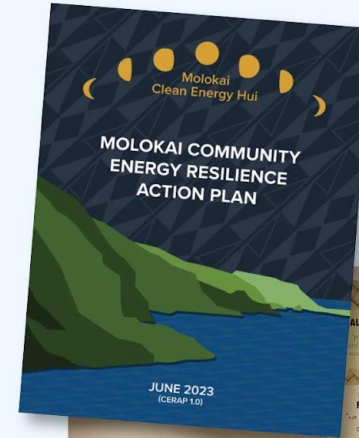
The process produced the roadmap of clean energy solutions for the people of Molokai, by the people of Molokai.

2020 — Molokai asked for a pause on the RFP for Molokai, is granted time and resources to develop their own community-driven Energy Plan

2021 — CERAP begins

2023 — CERAP is complete, with final report of energy solutions

2023 — Molokai receives \$3M federal grant to begin CERAP 2.0, begin the community and technical process to pursue the plan laid out within its final report.



Molokai CERAP's 105 page final report which documents community-driven methodology, process & results:
<https://www.molokaicleanenergyhui.org>

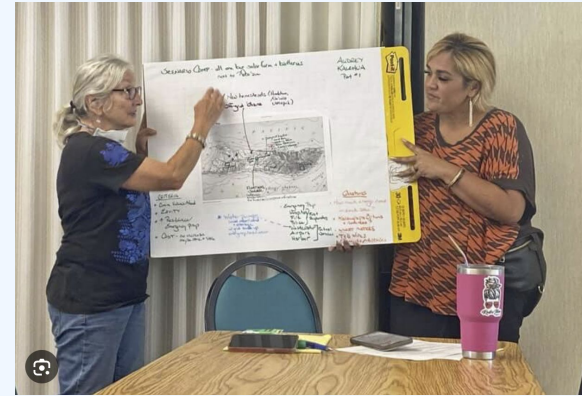
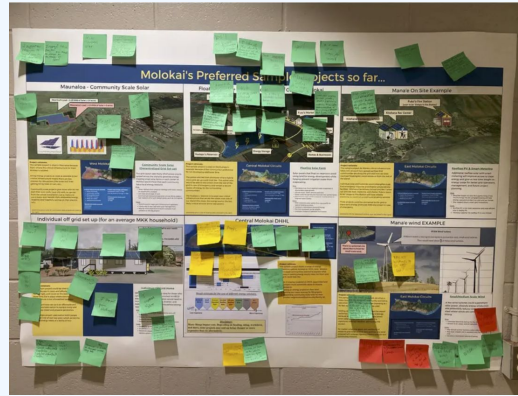


Community co-creation

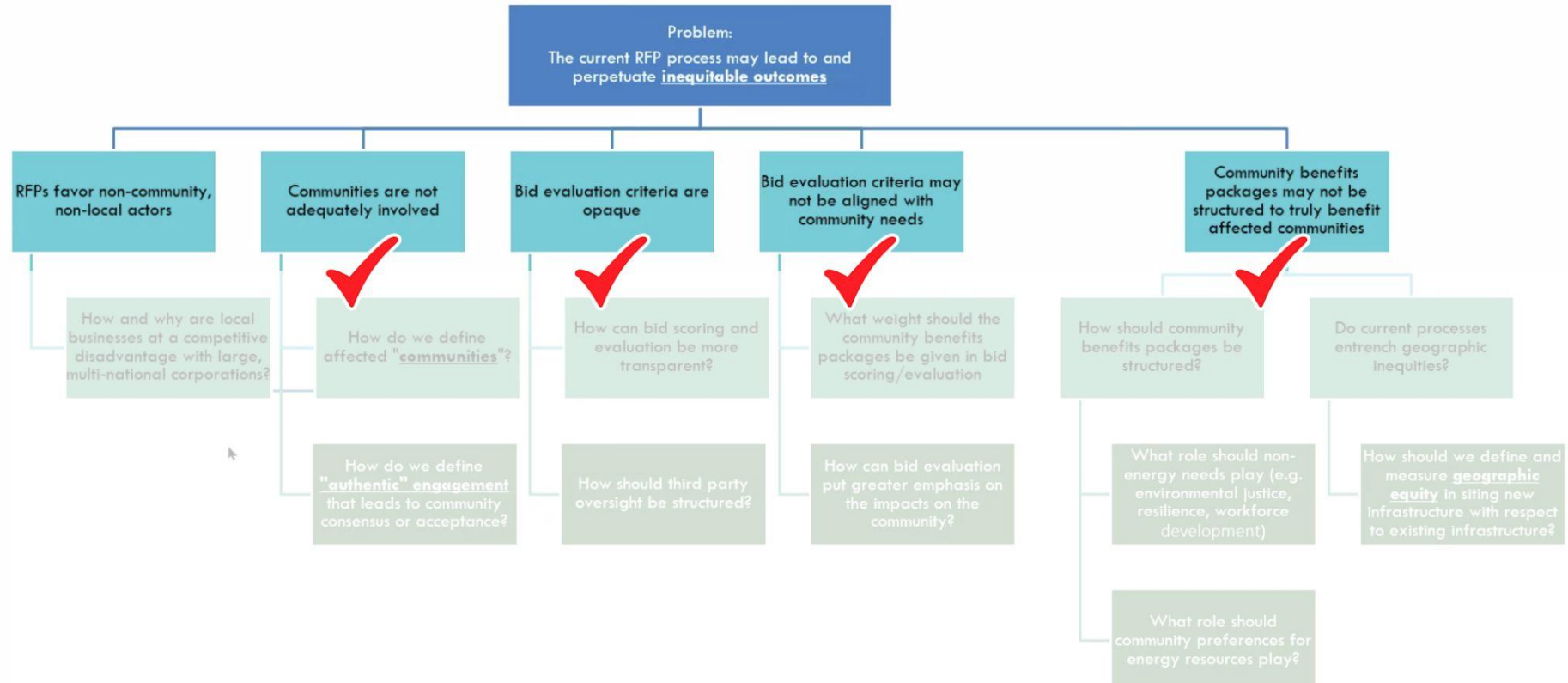
Community co-creation is a participatory process.

It is a community led process to determine a solution for a specific place.

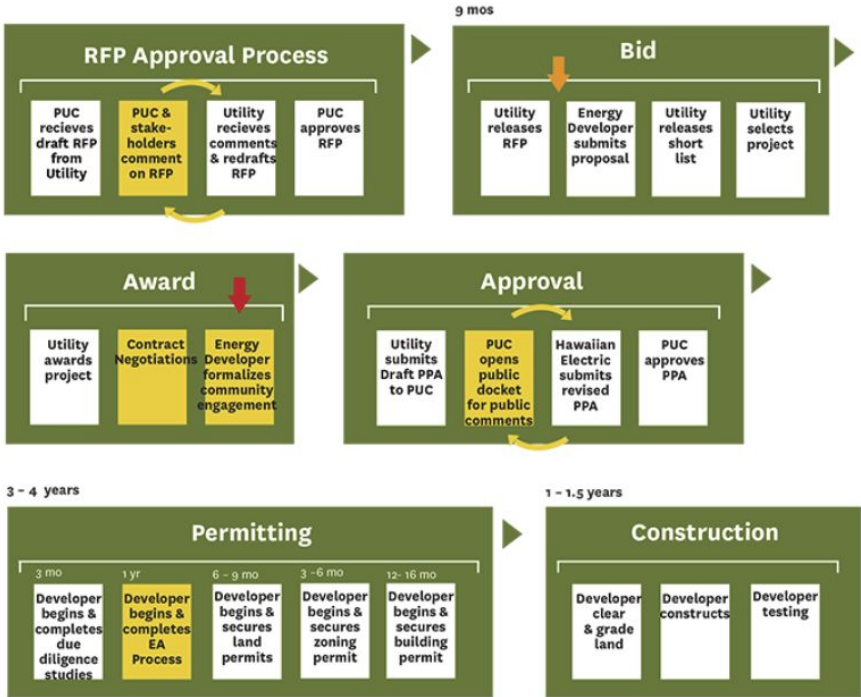
It is a practice of empowerment, mutual learning and consensus building to create bottom up, people-centered energy design.



Upfront Co-creation with Community to create the RFP can solve many of the problems with our existing RFP structure.



Current RFP Process



= opportunity in the process for community to voice feedback.

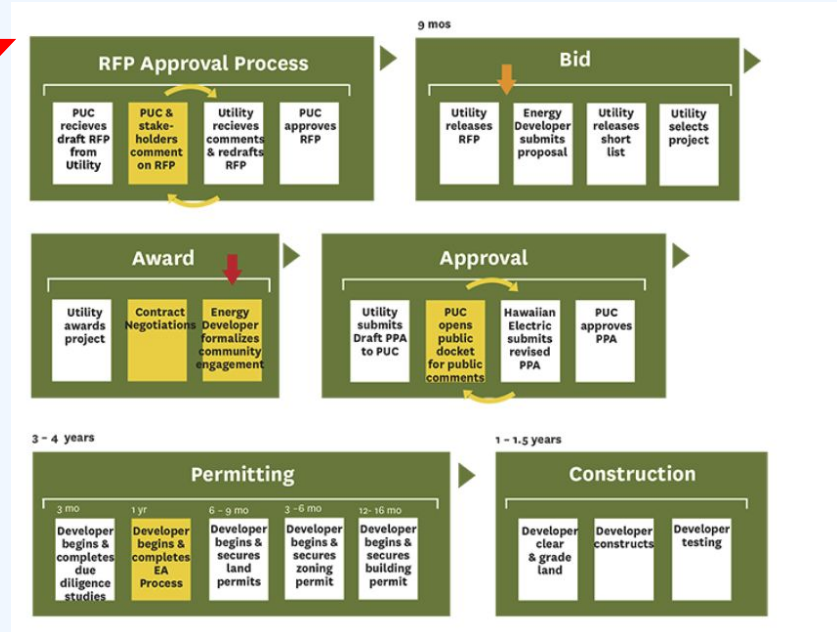
↓ = It was convention for developers to begin community engagement at this point. Note that the project has already been awarded!

↓ = With recent improvements to the RFP to incentivize early engagement we hope to see energy developers working with community as the project is being formed. However, this is still a “band-aid” effort as the timeline and upfront investment of resources do not support community meaningful co-creation.

The idea in our letter is to do upfront co-creation with community here



The RFP, which will be created and approved by the community, will already reflect community input and can be made available for bid. Developers/contractors are assessed on least cost to execute the plan that has been vetted by the community, and truly serves communities' needs.



~~“Do you want a project?”~~

“What would you like to see in your project?”

Co-creation presents communities the opportunities to build a renewable energy project so it suits and addresses their community’s specific needs. It will invite the community to shape and determine the aspects of a project sited in their community.

From Molokai CERAP’s process:

- ROUND 1** Identify initial preferences and priorities
(and establish community’s values and priorities)
- ROUND 2** Expand the discussion with the broader community
- ROUND 3** Refine community preferences and priorities
- ROUND 4** Confirm consensus around the final product (the RFP)

ROUND 1**Identify Preferences and Priorities**

From Hoʻāhu's process:

Here is a sampling of the variables that communities would be invited to consider for shaping their renewable energy project RFP:

Project sited on already existing commercial infrastructure, already developed land

Project sited on low quality agricultural land

Project allows for dual land use (ie. community garden, playground, or grazing livestock)

Project developed by locally owned and operated company

Project will train and hire with/in the community to operate

Project will pay its workers a living wage

Project will use environmentally sustainable technology

Project will carry out responsive, thoughtful, community engagement

Project is out of the public viewshed

Project will be a percentage community owned (replacing community benefits)

Project will be sized at a scale agreeable to the community

In 2021, Energize Kākou, HSEO's community engagement effort piloted this activity with 7 communities, asking each small group to rank or pick their top 4 aspects. Results can be viewed at:

https://energy.hawaii.gov/wp-content/uploads/2022/10/HSEO-Siting-Perspectives-Report_FINAL.pdf

Competencies necessary for carrying out co-creation

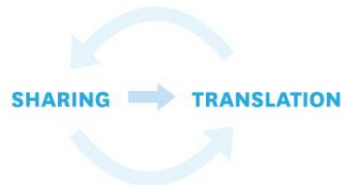
Adapted from Molokai CERAP's process:



KEYS FOR SUCCESS:

KEYS FOR THE ABOVE TO SUCCEED

TRUST
through
transparency



- DEDICATED LEADERSHIP THAT IS TRUSTWORTHY AND ACCOUNTABLE**
- FIRM COMMITMENT TO COMMUNITY GOALS AND VALUES**
- EQUAL PARTS COMMUNITY EXPERTISE AND TECHNICAL EXPERTISE**
- A PLACE-BASED PROCESS FOR COMMUNITY CO-DESIGN**

Roles for carrying out community co-creation



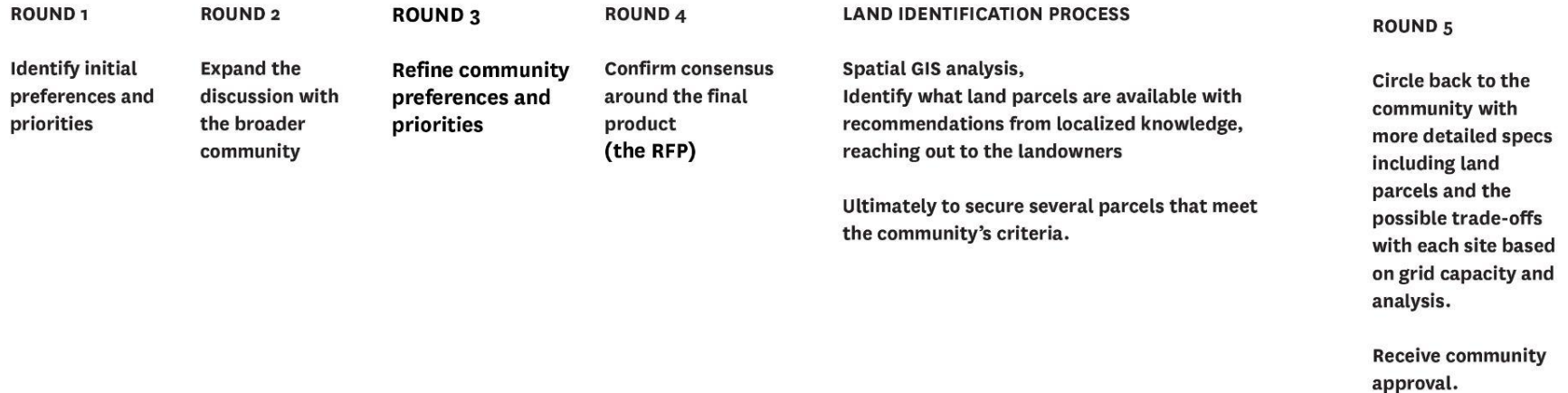
2 years accounts for 3 phases

2 YEARS

12 MONTHS

8 MONTHS

3 MONTHS



Time needed to engage communities meaningfully

The idea of slowing down to carry out meaningful community engagement may feel counterintuitive.

However, not doing the process in an inclusive way significantly increases its risk through community resistance.

A project with a strong community foundation and community buy-in will go faster through the RFP approval process, and the Permitting and Construction Process as well.

**“We must
go slow
to go fast.”**

— Molokai CERAP

“Mainstream climate change advocates have advanced a narrative that we lack the time to integrate justice and equity concerns into law and policy efforts to avert catastrophic climate change. I strongly disagree. Buying into a discourse that centers the primacy of action over the primacy of people is inherently unsustainable and will inevitably lead to even greater instability than climate change portends...Moreover, the type of energy opportunities our policies seek to expand — renewable energy — lends itself to greater economic and social participation than the dirty energy resources of the past. Renewable energy offers a once-in-a-century chance to reshape our relationship to the energy system and advance greater equity.”

— Shalanda Baker, Director of the Office of Economic Impact and Diversity at the U.S. Department of Energy

Costs connected to engaging communities meaningfully

Cost to carry out upfront community co-creation

Costs to design the project are already a part of the project price. In this instance, those costs will be applied in the beginning, to co-create the RFP.

While collaboration with community will require more time, the end result will de-risk the project. The decisions made have already been vetted by community and may lead to lower costs needed to build and execute.

Cost to execute a design selected by community

We realize that communities may choose aspects that increase the cost of a renewable energy project. For example, raised solar panels which allow for goats to graze involves more steel, which will impact the project's cost. A design which minimizes the threat of wildfire or reduces its impact to the water system may cost more.

“Communities are cost-conscious” and are willing to work within an understanding of trade-offs involved.

Optimizing the project design to match community needs allows for a more comprehensively robust and sustainable solution that generates co-benefits that advances the wellness of the community and compliments social, cultural, and ecological goals.

A community's relationship to the project

“How would this community like to define its relationship to the project?”

If the project is “theirs,” if a community is invested in a project's success, we see a fundamental shift in community openness, acceptance, and support.

Through the co-creation process, the community may want to define its relationship to the project.

Pathways

Easier lift

**Community is co-designer,
Does not own it,
Receives community
benefits**

Community Benefit

\$3000/MW per year, donated to a community's nonprofit for distribution

Benefits conclude once the PPA is completed.

**Community is co-designer,
Partially owns it,
Receives percentage of
profits**

1 - 99% profit made by selling the energy captured to the utility for Community Benefit

May require financing; a formal, legal entity to engage; may receive reduced income if the project fails, encounters problems or delays.

Still receives profit after the PPA is complete

Most challenging lift,
But has most decision making control
Most financial gain

**Community is co-designer,
Owns and develops it,
Receives all profits**

Ho'āhu Energy Co-op is example

Secures financing, technical expertise, and win award in competitive bidding process. Ho'āhu chooses to operate at cost. Revenue generated is carried over to the coop members (CBRE project subscribers) to maximize financial benefits experienced by their community members.

This pathway would require a “community as developer” pathway within the procurement process. If community is developer, profits are already in the public interest and requires a different kind of regulation.

Co-creation in real time on Molokai

TO BE DEFINED FOR A FUTURE PILOT PROJECT:

“If results reflect community input, how can we know the solutions proposed are representative of the community?”

Establish the METRICS that demonstrate representation

METHOD/PROCESS demonstrates representation

“If results reflect community input, how can we know the solution chosen is affordable to achieve?”

“If results reflect community input, how can we know the solution chosen is technically viable?”

Defining the ‘community’ of affected residents

Some ways of defining community:

- Proximity to project
- Political (elected office boundaries)
- Neighborhood board boundaries
- Natural land (ahupua‘a) boundaries
- Census tract boundaries
- Circuit – distribution line serve a load
- Shared identity

“How will the procurement of 3rd party planning and technical entities ensure alignment with community’s values?”

Co-design of energy infrastructure also builds valuable social infrastructure

The process of co-creation builds social fabric. The ability for communities to become skilled at working together IS the social infrastructure of connection for building resilience, for being strong in the face of unprecedented change, climate or otherwise. This is the community technology we build through Energy, something we know is valuable and necessary for individuals, families, and communities to thrive.

I believe we have an opportunity for communities to develop a pilina with Energy.

Energy is and will be a pivotal cornerstone for healthier, more abundant communities.



‘Āmama ua noa

And thus, it is released

UPFRONT CO-CREATION WITH COMMUNITY

Activities

- 1** 5 mins for questions
- 2** Mentimeter Live Survey as a whole group
3 questions
- 3** Breakout group Activity

Activity 1: Live Survey for feedback

- 1. Please share what you like** about upfront community co-creation as a solution for Hawai'i's RFP Process
- 2. Please share concerns you have** about upfront community co-creation as a solution for Hawai'i's RFP Process
- 3. On a scale of 0 - 5, please share at this time how in support you are of a pilot to do upfront community co-creation.**

Live Survey for feedback

Please go to www.menti.com
Use Code **5776 8821**



UPFRONT CO-CREATION WITH COMMUNITY

Activity 2: Breakout Rooms

Please join the breakout room that aligns with your professional affiliation

BREAKOUT ROOMS:

HECO

PUC

DCCA (Consumer Advocate)

HSEO

Developers

**Community-based Organizations &
Community members**

**City/State/Fed Government Agencies &
“Other” Energy Sector**

BREAKOUT GROUPS: COMMUNITY CO-CREATION

by organization



5-MINUTE BREAK

COMMUNITY ENERGY BOARDS

Lauren Watanabe

COMMUNITY ENERGY BOARD

Why it is essential in
achieving justice and equity
in the transition.

Just Transition

Procedural

centering inherent human rights, self-determination, and ownership

inclusive, transparent, and holistic systemic change

Sovereignty

Democracy

meaningful public participation and inclusive decision-making

Energy Justice

Distributive

Restorative

decentralized design, equitable distribution of burdens and benefits,

addressing prior social, environmental, economic, and health burdens on those historically harmed while achieving equity moving forward

ACCESS TO ENERGY IS A HUMAN RIGHT

ENERGY EQUITY HUI

Article 11 of Hawai‘i State Constitution:

“For the benefit of present and future generations, the State and its political subdivisions shall conserve and protect Hawai‘i’s natural beauty and all natural resources, including land, water, air, minerals and energy sources.”



Using Public Trust resources requires crafting mindful solutions with the understanding that these are common goods.

COMMUNITY ENERGY BOARD (CEB)

An entity of diverse community members that would serve as key decision-makers and an oversight entity to the contracted community planning company and utility throughout the RFP and development process.*

Boards on each island is ideal with members chosen based on regional demographics with special consideration of areas dealing with disproportionate impact of energy burden.

CEB could also serve as a mutual learning community based education forum through partnership with technical experts and the utility, similar to the Moloka'i Clean Energy Hui.



Commission on Water Resource Management Meeting 2023, courtesy of DLNR.



Moloka'i CERAP Community Education Workshop, courtesy of Moloka'i Clean Energy Hui

WHY A CEB IS CRITICAL IN ENERGY DEVELOPMENT?

- **Impacted communities** have a seat at the table.
- **Embeds transparency and community values** and concerns throughout the entirety of the development process.
- **Infrastructure design informed by place-based knowledge** and cultural respect.
- **Holistic and long-term consideration** of renewable energy sources chosen and broader socio-economic impacts.
- **Proactive, collaborative, and solution-oriented** platform.

WHAT COULD THE COMMUNITY ENERGY BOARD DO?

The structure and representation is something we want to work out with you all. Some ideas to start!

Host regularly scheduled public meetings. Agenda and notes made available online.

Coordinate site visits and community education events, listening sessions...and more.*

Decision-making and oversight on procurement processes.

Forum for community-led benefits package and developer "scorecard; siting and developer awardals*.

*Community Energy Board members could sign non-disclosure forms and review of projects can be anonymous. Thanks, Henry!

MOLOKAI'S COMMUNITY VALUES

Understanding what the Molokai community values is the only way to understand the characteristics, expectations, and priorities that influence this community's decision making.

The Molokai community's renowned advocacy is rooted in cultural values that are unwavering and consistently expressed and documented throughout history. The Molokai community continues to clarify their values through the Molokai CERAP process. Echoing the vision statement from the 2018 Molokai Island Community Plan¹, Molokai's values are captured here, not only as the translation of a Hawaiian word or concept, but as living, breathing, measurable functions that further define the Molokai community, its collective purpose, and way of life.

Molokai's Community Values	Functional Definition/Action Oriented Translation
Aloha 'Āina <i>(to'e Hawai'i purpose of existence)</i> Lit. deep love of land or of one's country, that which feeds, land and people	Individual and collective actions that improve the physical health and advancement of Kānaka (Hawai'i people) and 'āina (land) through the fierce protection of resources and unwavering prioritization of culturally based stewardship of 'āina.
Ea: Self governance & Independence <i>(community-based decision making process)</i> Lit. sovereignty, independence	The Molokai community's ability to lead their own decision making processes to achieve informed community consent with the ability to pull consent at will. Includes: research, solution design, implementation, maintenance/operation, ownership.
Pono <i>(evaluating/balancing system)</i> Lit. fair, equitable, righteous/moral, accurate, correct, necessary, successful, excellent	A community-led cultural value-based system of evaluating and adjusting decisions and actions to ensure they cultivate aloha 'āina and achieve community consent.
Sustainability <i>(network of systems that support aloha 'āina)</i> Lit. the quality of a state or process that allows it to be maintained indefinitely, the avoidance of the depletion of natural resources in order to maintain ecological balance	When an integrated network of systems, programs, and people that foster aloha 'āina are established and maintained to ensure all essential needs are met in perpetuity.
Lōkahi <i>(community organizing)</i> Lit. unity, agreement, unanimous sentiment	A firm commitment to achieving a unified voice/community consensus based on community expertise that is informed by technical research and empirical data.
Kuleana <i>(community commitment)</i> Lit. right, privilege, responsibility, function	An understanding and commitment to the active responsibility each individual, group, peoples, etc. has to their community and 'āina (land).
Community <i>(decision makers)</i>	Molokai residents and 'ohana who work to understand and perpetuate Molokai's cultural value based lifestyle.
Kahua <i>(framework for value based decision making)</i> Lit. foundation, base, groundwork, platform to stand/build upon	The framework for understanding community protocol, values, priorities, requirements and needs on Molokai.
Piilina <i>("community engagement")</i> Lit. relationship, association, connection	A relationship or connection built on mutual respect, trust, and accountability.

¹In the 2018 Molokai Island Community Plan, there is the Molokai vision statement, which was retained from the 2001 (and 1984) Community Plan, that articulates the community's belief in who and what it is, what it wants to become, and how to achieve that vision. <https://tinyurl.com/Molokai-Island-Community-Plan>

WHERE COULD THE CEB GO?

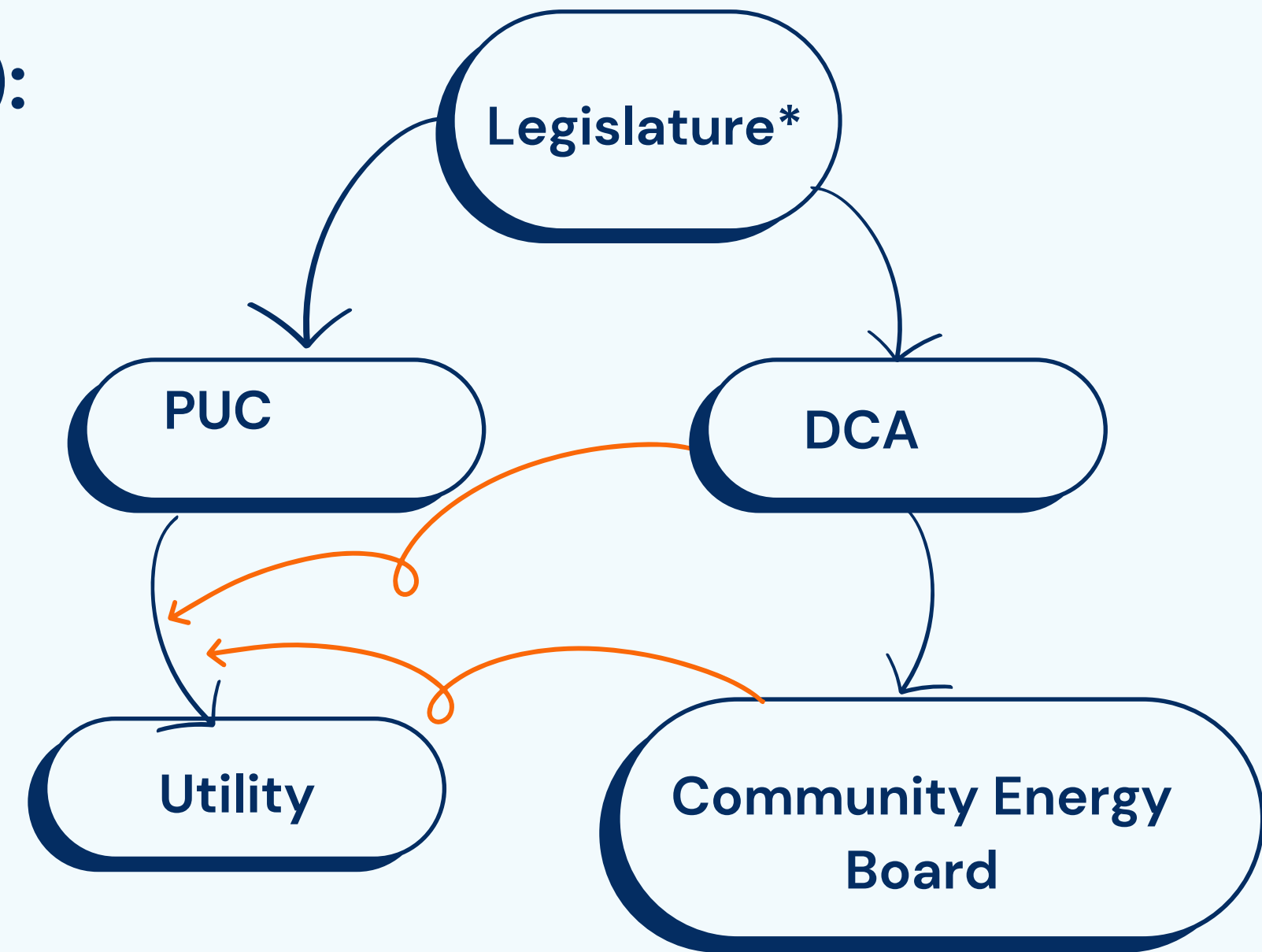
STATE LEVEL

Department of Consumer Advocacy (DCA):

Explicit mandate to represent all consumers.

Statute to participate in every PUC proceeding.

"There are more outstretched hands than ever asking for ratepayer money, whether to meet policy goals or other objectives. I see upward pressures on rates to retire plants, build new ones, and invest in new infrastructure. The consumer advocates' role is to force a hard look at anyone and anything that is asking for ratepayer money—in an effort to keep service safe, reliable, and affordable. I think our role is going to be more important going forward than it's ever been. – Chris Ayers, PUC Staff North Carolina



Investigations, information requests, and analysis are critical to balanced decision-making.

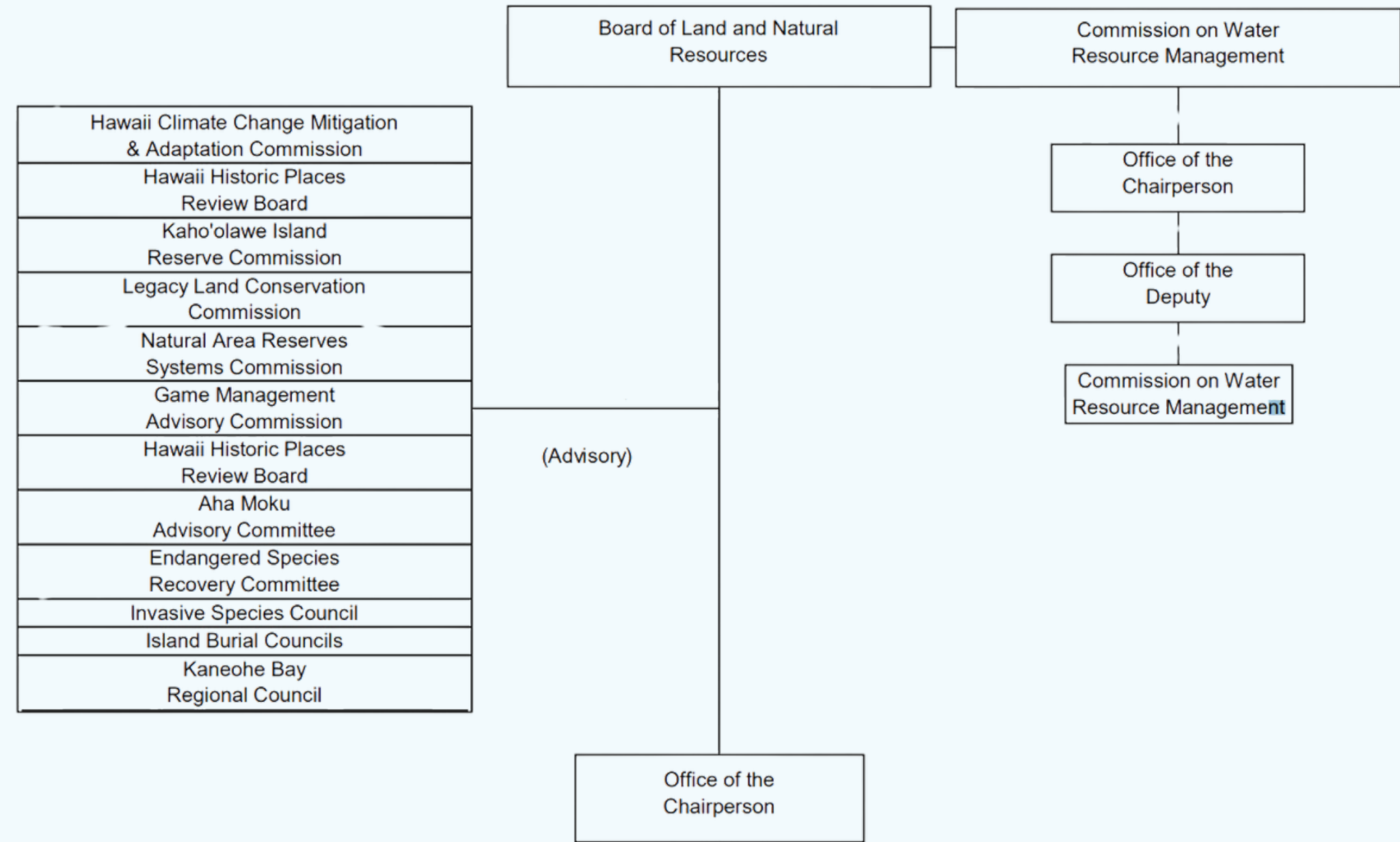
WHAT ABOUT THE STRUCTURE THEN?

There are over 170 boards and commissions throughout Hawai'i to pull ideas from, here is one based on the statewide entity example.

STATE LEVEL:

COMMISSION ON WATER RESOURCE MANAGEMENT (CWRM)

- **7 volunteers with background in water resource management.**
- Appointed by Governor, confirmed by Senate..
- **Candidates vetted by Nominating Committee.**
- **Reviews CWRM staff presentations and make decisions on specific issues.**

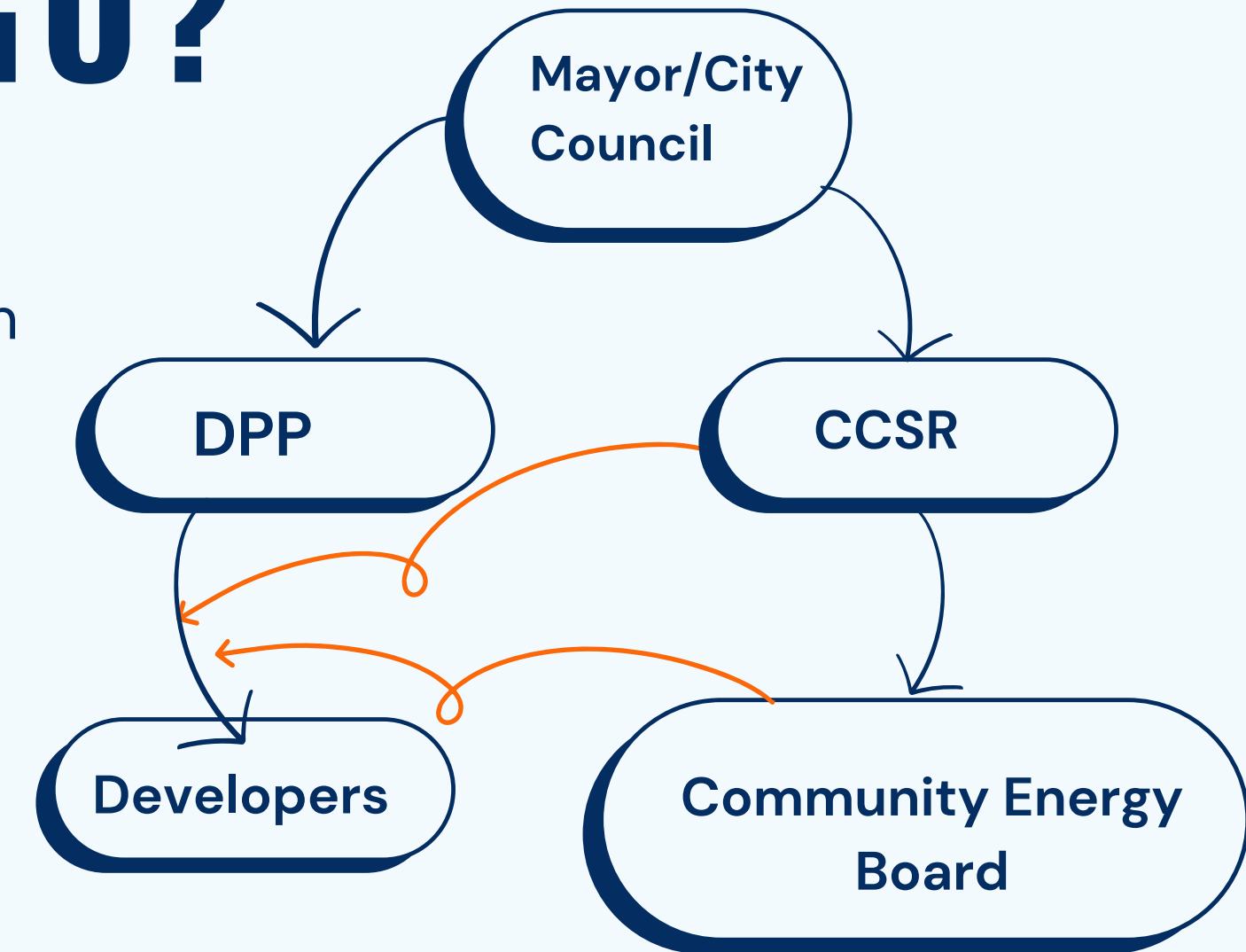


Key aspect: community voices are influential. Ex: Lāhaina fires and 12 hr meeting overturned a Board of Land and Natural Resources staffing decision.

WHERE COULD THE CEB GO?

ISLAND-BASED

- **Burial Councils (BC):**
 - Every BC must have at least one representative for each of moku and up to three landowner/developer reps.
 - Nominees are selected, approved by the OHA Board of Trustees, before appointed by Gov.
 - Assist DLNR and its State Historic Preservation Division in developing an inventory of Native Hawaiian burial sites.
- **O'ahu Historic Preservation Commission:**
 - 9 appointed members based on expertise ranging from cultural practitioner, confirmed by the City Council for 5 year terms.
 - Assists federal, State, and county government agencies.
 - Develop and implement a comprehensive citywide historic preservation identification and planning process
 - Reviews and comments on EIS, cultural impact statements, and project proposals on request.



ISSUE SPECIFIC BOARD

ENERGY EQUITY HUI

If the board were to be constructed intermittently around “controversial projects” and/or on renewable energy zones and the IGP.

- **Red Hill Community Representative Initiative:**
 - Increase public involvement in defueling efforts and general water safety.
 - Representation Categories– Directly Impacted, O’ahu, Native Hawaiian, and Non-profit. Members chosen through a vote of the public.
 - No decision-making but tasked with understanding what community wants, communicating, and holding Navy and DOD accountable.
- **Molokai Clean Energy Hui:**
 - Community-led energy design for entire island.
 - Intricate collaboration and diverse partnership with governmental agencies, non-profits, and technical expertise from the utility.
 - Small core hui with consistent and intentional public education campaigns.

HECO, the CEB and holistic renewable energy zone analysis

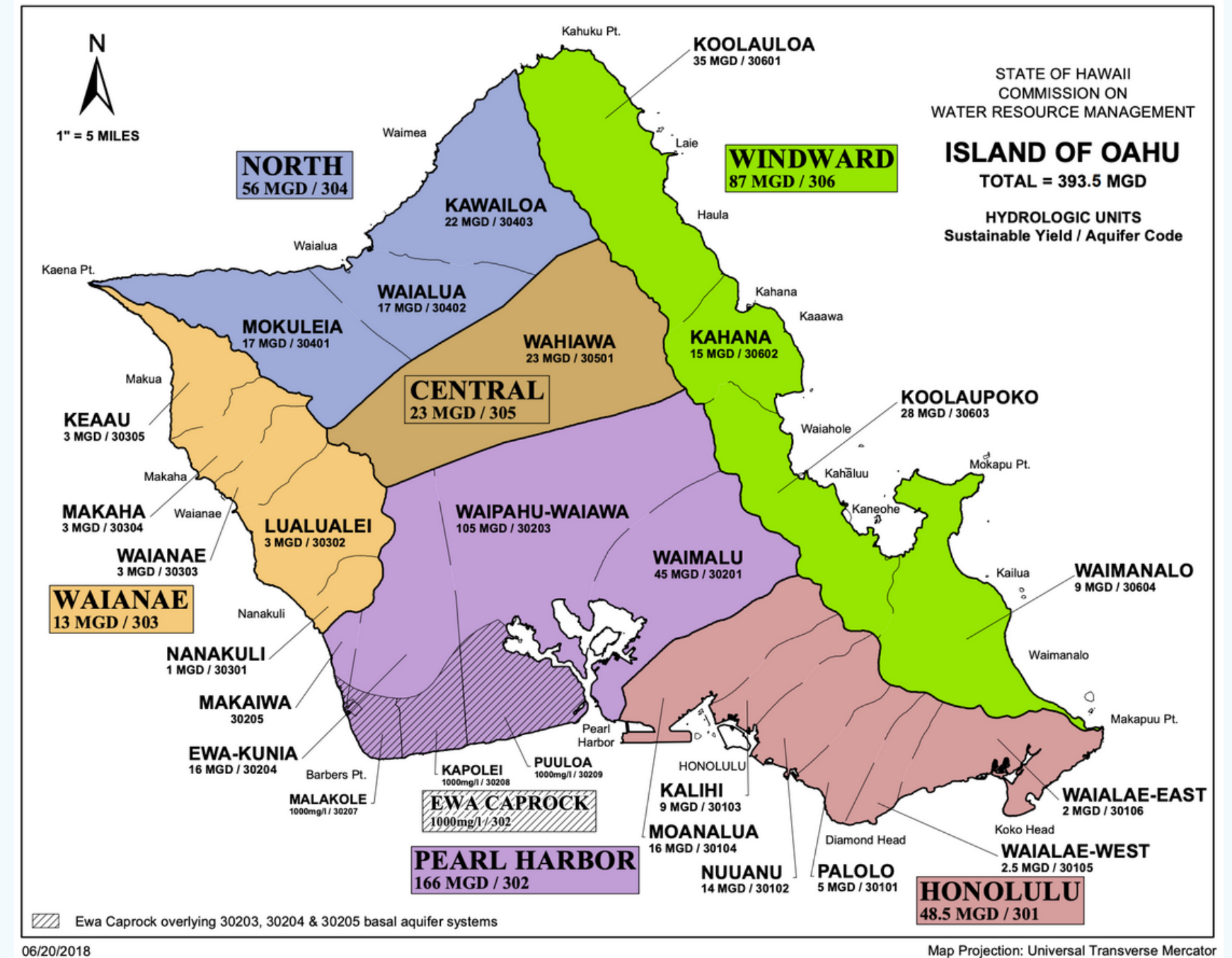
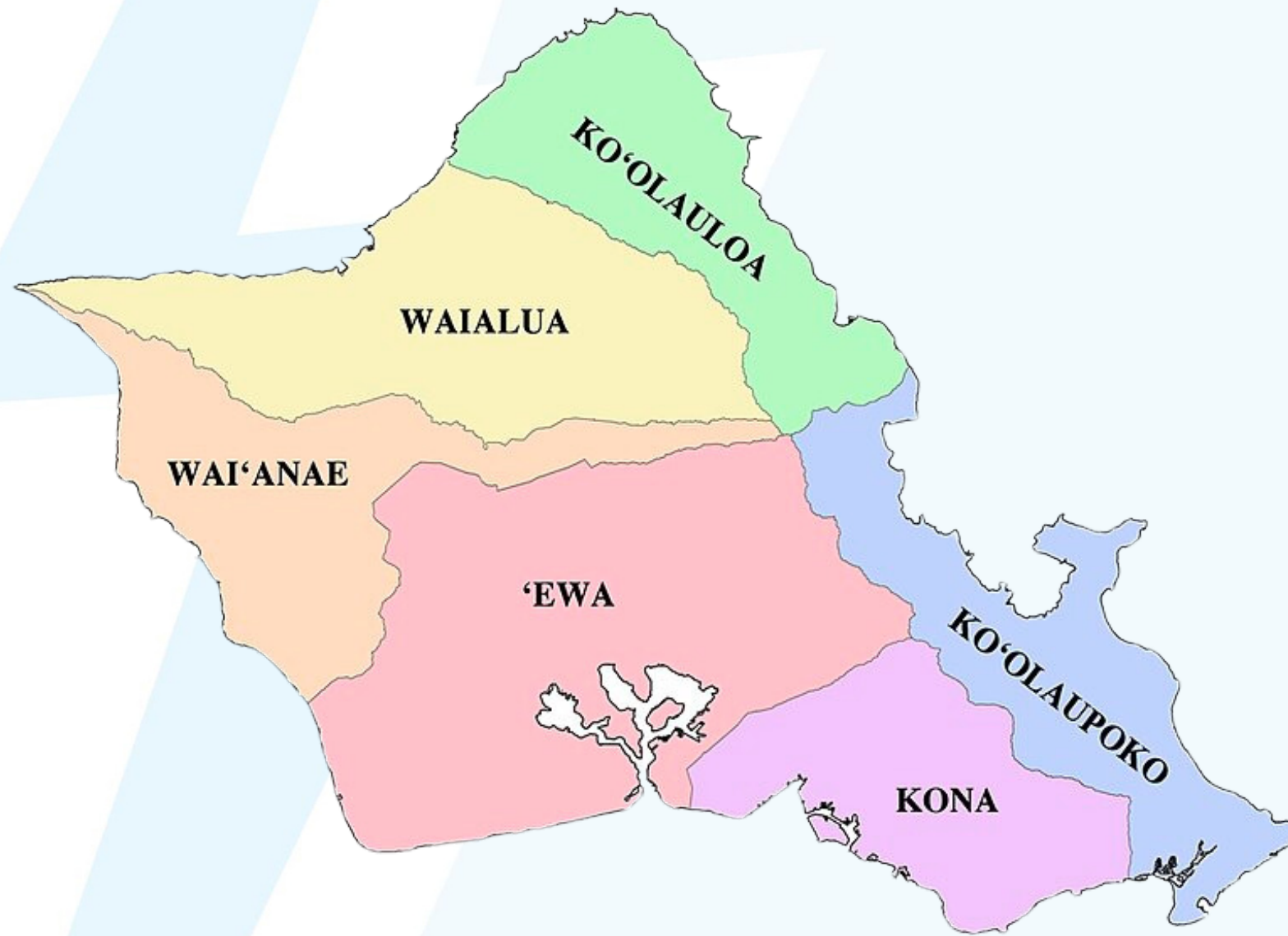
Upfront engagement and co-creation begins here.

This is where appropriate siting and source selection can include EJ, socio-economics, resiliency priorities can set by community.

The screenshot shows the 'Renewable Energy Zones Analysis' web application. At the top, it features the 'Hawai'i Powered' logo and navigation links for 'HawaiiPowered.com' and 'HawaiianElectric.com'. A 'Submit a general comment' button is visible in the top right. The main interface includes a 'Select an island' dropdown menu currently set to 'Oahu'. On the left, a 'Thank you for your input' message encourages users to explore maps and comments. Below this, two sections provide 'Examples opportunities' (listing available land, grid access, and vacant buildings) and 'Examples challenges' (listing steep terrain, sensitive species, and cultural sensitivities). A 'STOP VIEWING' button and a 'MAP DATA' button are positioned between the text and the map. The central map displays the island of Oahu with numerous green and purple location pins. A 'Map Data' panel on the right shows checked options for 'REZ Zones' and 'Areas with Solar Potential', along with a link to 'About this map'. At the bottom left, a disclaimer states that users should refrain from using profanity or inappropriate comments.

Broadening Perspectives, Rooted in Equity + Place-Based Knowledge

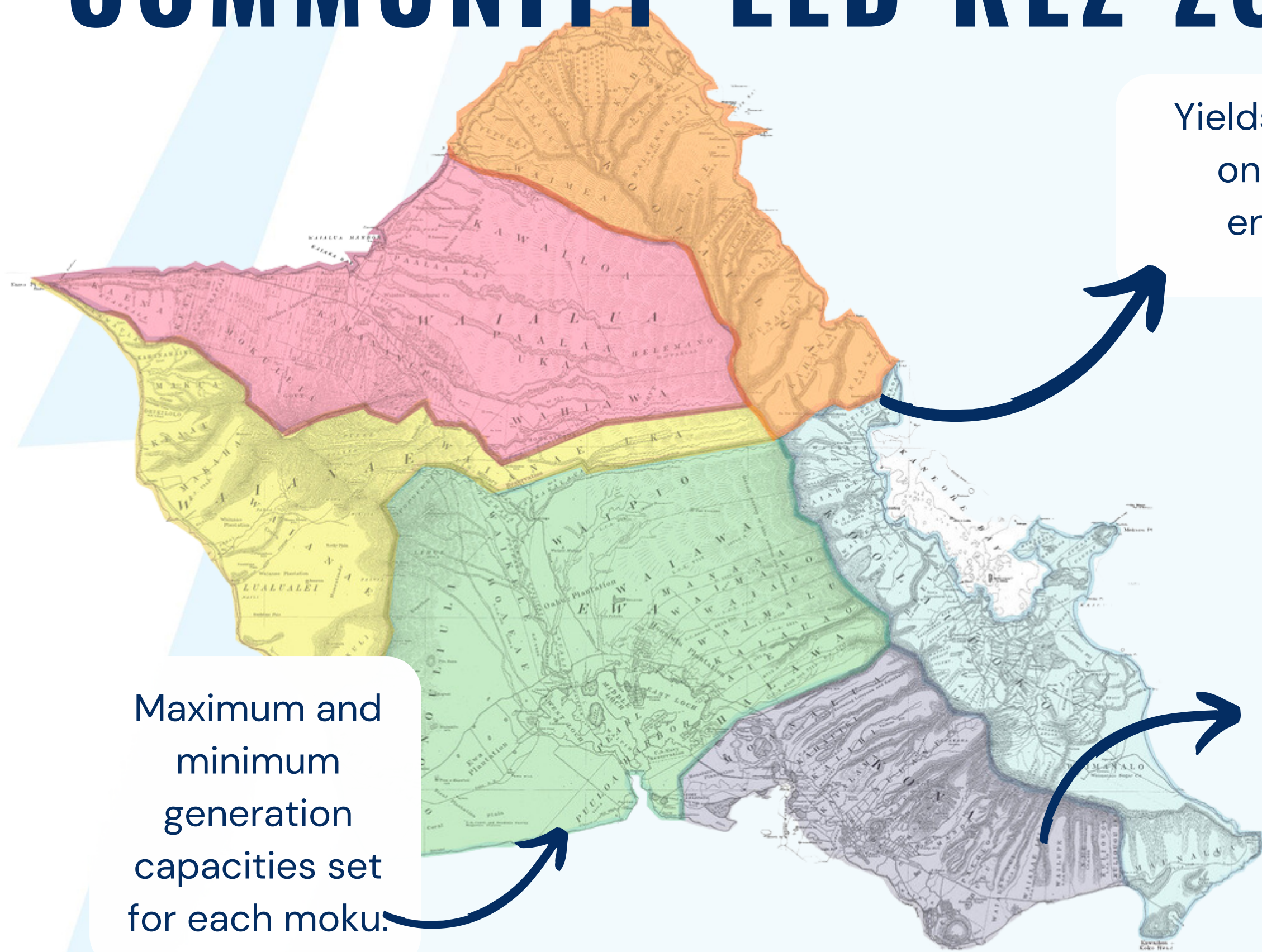
ENERGY EQUITY HUI



*where there is a moku with multiple communities that face energy burden have more than one. For example: Ko'olauloa should have representation from Kahuku.

COMMUNITY-LED REZ ZONES

ENERGY EQUITY HUI



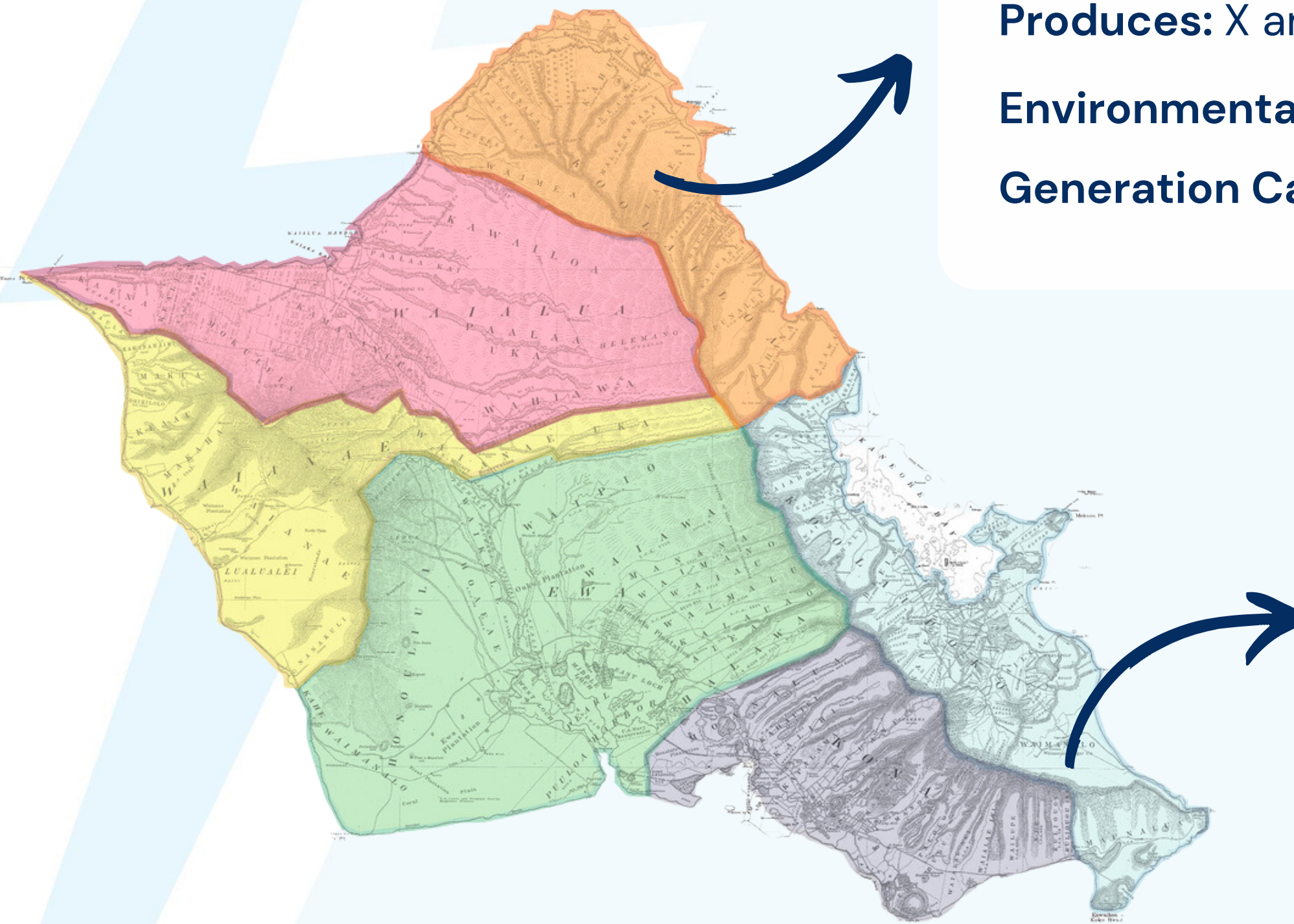
Yields per ahupua'a or moku based on the landspace, cultural and environmental concerns, and community input.

Maximum and minimum generation capacities set for each moku.

Regions understood by consumption patterns and production capabilities.

EQUITY-CENTERED RENEWABLE ENERGY ZONES

ENERGY EQUITY HUI



Consumes: X amount of GWH per year.

Produces: X amount of GWH per year.

Environmental Justice Demographics:

Generation Capacity:

Consumes: X amount of GWH per year.

Produces: X amount of GWH per year.

Environmental Justice Demographics:

Generation Capacity:

BREAKOUTS

1. Defining Community

2. Board member selection

**3. Community Energy Board example
model discussion.**

BREAKOUT ROOM 1

ENERGY EQUITY HUI

(5min) ICE-BREAKER: One thing you love about where you live?

- **How would you create an inclusive definition to describe all those impacted by a project? What are some characteristics or demographics we can use?**
- **Do you feel having community representation designated by moku makes sense? Remember, there would be added representation in areas disproportionately impacted by energy projects like Kahuku and Wai'anae to be members of the board.**

Reminders:

- *Democratic use of time.*
- *If you propose a challenge, please offer a solution to the best of your ability.*

BREAKOUT ROOM 2

CEB Member Discussion

(5min) ICE-BREAKER: One thing you love about your neighborhood?

1. How do you think the board members should be selected?

a. From examples: appointed, nominated, election.

b. Others?

2. What kind of “expertise” do you feel is necessary beyond regional representation?

Reminders: Democratic use of time. If you propose a challenge, please offer a solution to the best of your ability.

BREAKOUT ROOM 3

ENERGY EQUITY HUI

(5min) ICE-BREAKER: One thing you love about your neighborhood?

1. What model sticks out the most to you that can be applied for the CEB? What do you like about it?
2. What are some “must have” requirements to ensure the energy board is a decision-maker in the energy system?
3. Additional feedback if there is time!

Reminders:

- *Democratic use of time.*
- *If you propose a challenge, please offer a solution to the best of your ability.*

BREAKOUT GROUPS: COMMUNITY ENERGY BOARDS

Defining Community

Determining CEB Membership

Discussing CEB Models

Post-Meeting Poll in Chat

How do you feel after today's workshop? Share one or two words in the chat that sum up your post-workshop feelings.

Next Steps

Draft Staff Report

- Commission staff plans to draft a set of recommendations informed by this set of meetings for this group to provide feedback on.

Meeting #5: TBD (February or March)

- This meeting will wrap up this series of meetings, allowing a space for participants to provide feedback on the draft staff report.
- Presentation from Ulupono on community benefits packages.
- Final chance for additional presentations for the IGP-RFP series of meetings.

MAHALO!