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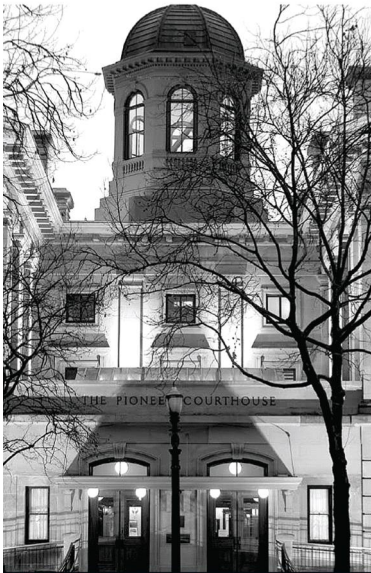
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STATE OF HAWAII

LAND USE COMMISSION

Hearing held on January 5, 2022

Commencing at 9:00 a.m.

Held via Zoom by Interactive Conference Technology

I. CALL TO ORDER

II. ADOPTION OF MINUTES

December 22-23, 2021 Minutes

III. Tentative Meeting Schedule

IV. PRESENTATION - OPSD STATE SUSTAINABILITY COORDINATOR

Hawaii 2050 Sustainability Plan

V. RECESS/ADJOURNMENT



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BEFORE :

1 **COMMISSIONERS PRESENT:**

2 Jonathan Scheuer, Chair

3 Gary Okuda

4 Dawn N.S. Chang

5 Dan Giovanni

6 Lee Ohigashi

7 Edmund Aczon

8 Nancy Cabral

9 Arnold Wong (Excused)

10

11 **LAND USE COMMISSION STAFF PRESENT:**

12 Daniel Orodener, Executive Officer

13 Scott Derrickson, Chief Planner

14 Natasha Quinones, Program Specialist/Chief Clerk

15 Dan Morris, Deputy Attorney General

16

17 **OFFICE OF PLANNING AND SUSTAINABILITY**

18 **STAFF PRESENT:**

19 Mary Alice Evans

20 Rodney Funakoshi

21 Aaron Setogawa, Planner

22 Alison Kato, Deputy Attorney General

23 Danielle Bass

24

25

1 **CHAIRMAN SCHEUER:** Happy New Year.

2 Today -- this is the January 5th, 2022
3 Land Use Commission Meeting, which is being held
4 using interactive conference technology linking
5 videoconference participants and members of the
6 public who are interested via the Zoom internet
7 conferencing program.

8 We're doing this, of course, to comply
9 with ongoing state and county official operational
10 directives during this still ongoing Covid-19
11 pandemic.

12 For all meeting participants, I'd just
13 like to urge you to speak slowly, clearly, and
14 identify yourself prior to speaking for the record.
15 Please be aware that this Zoom meeting is being
16 recorded, and your continued participation is your
17 implied consent to be recorded. If you do not wish
18 to be recorded, you should exit the meeting now.

19 The Zoom technology allows the parties and
20 each participating commissioner individual remote
21 access to the meeting via our own personal digital
22 devices.

23 Because of that, and often due to matters
24 entirely outside of our control, occasional
25 disruptions to connectivity may occur for one or

1 more participants of the meeting at any given time.

2 If this happens, please let us know.

3 Please be patient with us as we try to restore
4 audiovisual signals, so that we can continue to
5 conduct our work during the pandemic.

6 The members of the public who wish to
7 testify during the public witness portion of any of
8 the agenda items on today's agenda, and if you are
9 accessing this meeting by phone, you can use the
10 star sequence -- the key sequence star 9 to
11 virtually raise your hand and star 6 to request to
12 be unmuted. If you are accessing this meeting,
13 however, via Zoom software, you just use the raise
14 your hand function.

15 We will take breaks from time to time,
16 approximately ten minutes every hour.

17 My name is Jonathan Likeke Scheuer, and I
18 have the honor and pleasure of serving as the LUC
19 Chair. We currently have eight seated commissioners
20 of a possible nine. Along with me, Commissioner
21 Dawn Chang, Commissioner Gary Okuda, Commissioner
22 Edmund Aczon, Commissioner -- not commissioner. We
23 wouldn't do that to him. Our Executive Officer
24 Daniel Orodener, our Chief Planner, Scott
25 Derrickson, our Staff Planner, Riley Hakoda, our

1 Chief Clerk, Natasha Quinones, our Deputy Attorney
2 General, Dan Morris are all on the island of Oahu.

3 Commissioner Nancy Cabral is holding it up
4 on Hawaii Island in Hilo. Is there even sun in Hilo
5 today, Nancy?

6 **COMMISSIONER CABRAL:** (Nods head
7 affirmatively.)

8 **CHAIRMAN SCHEUER:** Yay.

9 Commissioner Lee Ohigashi is on the island
10 of Maui, and Commissioner Daniel Giovanni is on the
11 island of Kauai. Commissioner Wong, of Oahu, is
12 excused for today's meeting.

13 Court transcriptions are being done from
14 the Zoom recording.

15 Our first order of business is to adopt
16 the December 22nd and 23rd, 2021 minutes.

17 Ms. Quinones, has there been any written
18 testimony submitted on adoption of the minutes?

19 **MS. QUINONES:** Hello, Chair. Good
20 morning. This is Natasha. No testimony has been
21 received on the minutes.

22 **CHAIRMAN SCHEUER:** Okay. Is there anyone
23 in the public who wishes to testify? And this is
24 exclusively related to adoption of the minutes.

25 I'm going to note for any members of the

1 public who are particularly interested in the
2 important agricultural lands agenda item that is on
3 this agenda but on tomorrow's agenda. We will not
4 be talking about IAL today. We will be talking
5 about the Oahu IAL issue tomorrow.

6 Right now, we're just talking about
7 adoption of the minutes. Is there anybody who's in
8 the audience who wishes to testify on adoption of
9 the minutes? If so, either press star 9 if you're
10 dialing in or use the raise your hand function.

11 Seeing none, members, any comments or
12 corrections?

13 Commissioner Okuda?

14 **COMMISSIONER OKUDA:** Thank you, Mr. Chair.
15 When a vote is taken, may it be recorded that I
16 abstain from December 22 because I was not present,
17 but I will be voting in favor on December 23. Thank
18 you.

19 **CHAIRMAN SCHEUER:** Thank you.

20 Commissioner Cabral?

21 **COMMISSIONER CABRAL:** I'd like to make a
22 motion to adopt the minutes as presented.

23 **CHAIRMAN SCHEUER:** Is there a second?

24 **COMMISSIONER OHIGASHI:** Second.

25 **CHAIRMAN SCHEUER:** Motion has been made

1 for adoption by Commissioner Cabral and seconded by
2 Commissioner Ohigashi. Any discussion? Seeing
3 none, Mr. Orodenger, would you please poll the
4 Commission?

5 **MR. ORODENKER:** Thank you, Mr. Chair. The
6 motion is to adopt the minutes. Commissioner Wong
7 is excused.

8 Commissioner Okuda?

9 **COMMISSIONER OKUDA:** Abstain on December
10 22nd. Aye in favor of December 23rd.

11 **MR. ORODENKER:** Okay. So noted.

12 Commissioner Aczon?

13 **COMMISSIONER ACZON:** Abstain.

14 **MR ORODENKER:** Commissioner Cabral?

15 **COMMISSIONER CABRAL:** Yes.

16 **MR. ORODENKER:** Commissioner Chang?

17 **COMMISSIONER CHANG:** Aye.

18 **MR. ORODENKER:** Commissioner Giovanni?

19 **COMMISSIONER GIOVANNI:** Aye.

20 **MR. ORODENKER:** Commissioner Ohigashi?

21 **COMMISSIONER OHIGASHI:** Aye.

22 **MR. ORODENKER:** Chair Scheuer?

23 **CHAIRMAN SCHEUER:** Aye.

24 **MR. ORODENKER:** Thank you, Chair. Motion
25 passes with six affirmative votes.

1 **CHAIRMAN SCHEUER:** Okay. Thank you very
2 much.

3 And if you would continue, our next agenda
4 item is the tentative meeting schedule.

5 Mr. Orodenger?

6 **MR. ORODENKER:** Thank you, Mr. Chair. As
7 noted by the chair, tomorrow we will be meeting once
8 again by Zoom on the Oahu IAL matter. On January
9 19th, we will be taking -- excuse me, Mr. Chair --
10 SP21-4413, which is a New Century Public Charter
11 School special permit request. That meeting hearing
12 is also scheduled for January 20th.

13 On February 2nd, we will be taking up the
14 adoption of order in the New Century Public Charter
15 School matter, and, if needed, we will also be
16 taking up the Oahu IAL matter.

17 On February 3rd, we will be taking up --
18 which is also going to be by Zoom. February
19 meetings will be by Zoom as well. On February 3rd,
20 we will be taking up the Oahu IAL matter, if
21 necessary, and DR21-71, Kaukonahua Ranch, if
22 necessary, and DR21-72, which is motion for
23 reconsideration in the Church matter.

24 On February 16th, we will be doing the FEA
25 acceptance for 819-809, which is Palama Lanai, Miki

1 Basin. That matter is also scheduled for February
2 17th.

3 On March 9th, we -- we will be taking up
4 the matter of TR21-72. Thursday, March 10th is
5 tentatively scheduled for either the Oahu IAL matter
6 or DR21-75, which is the Kaukonahua Ranch matter.

7 And I should note for the commissioners
8 that coming March, our meetings may be in a hybrid
9 format where we have a location for the public and
10 any commissioners who would like to attend as well
11 by Zoom.

12 March 23rd, we will be taking up A87-610,
13 which is the KS Waiawa Solar Farm matter. And on
14 March 24th, we will be taking up the Kanaha Hotel
15 FEIS acceptance.

16 On April 30th, we also have scheduled --
17 April 13th, I'm sorry, we also have scheduled the
18 Waiawa Solar Farm matter as well as April 14th.
19 April 27th, we have the KAA IAL matter tentatively
20 scheduled, and the 28th this (indiscernible) reopen.
21 And that takes us through our April, Mr. Chair.

22 **CHAIRMAN SCHEUER:** Thank you very much,
23 Dan.

24 Commissioners, are there --

25 **MR. ORODENKER:** Oh --

1 **CHAIRMAN SCHEUER:** Mr. Orodenger?

2 **MR. ORODENKER:** Mr. Chair, I'd also like
3 to make an announcement. We're very excited to
4 announce that Martina Segura has joined LUC staff.
5 Currently, she's an 89-day hire. We hope to make
6 her permanent.

7 Martina will be assisting the planners and
8 our drafting tech with all sorts of different
9 duties. She is graduated from Chaminade with a
10 double major in environmental science and
11 environmental studies, and we are thrilled to have
12 her onboard.

13 **CHAIRMAN SCHEUER:** Excellent. Welcome.

14 Commissioners, any questions for Mr.
15 Orodenger about our tentative meeting schedule?
16 Okay.

17 Our next agenda item is a presentation
18 from the Office of Planning and Sustainable
19 Development on the Hawaii 2050 Sustainability Plan.

20 Our Land Use Commission staff has informed
21 me that no public testimony has been received,
22 written public testimony, regarding this
23 presentation from OPSD.

24 Are there any members of the public who
25 wish to testify on this matter, which is a briefing?

1 If so, please raise your hand using the raise your
2 hand function. Seeing none, we're going to
3 recognize Maryalice Evans, the Director of OPSD, and
4 Danielle Bass, the Sustainability Coordinator.

5 Who's going to go first? Maryalice?

6 **MS. EVANS:** I'm going to introduce
7 Danielle, who probably needs no introduction to you.
8 She's our state Sustainability Coordinator, and she
9 will be making a presentation to you on a matter
10 that I think is very dear to your hearts as well,
11 and that is the sustainability of our state.

12 So go ahead, Danielle.

13 **MS. BASS:** Good morning. Happy New Year
14 to everyone and the participants here. Thank you
15 for offering me this opportunity to present the
16 Hawaii 2050 Sustainability Plan.

17 My name is Danielle Maleaka Kai (phonetic)
18 Bass, and I hail from the ahupua'a of waipana
19 Wahiawa, Oahu, in the community of Mililani, so it's
20 a pleasure to be here.

21 I'm going to go ahead and share my screen.
22 Okay. Can everyone see my presentation?

23 **CHAIRMAN SCHEUER:** Right now, we're seeing
24 the presenter's view.

25 **MS. BASS:** Oh, okay. Thank you.

1 **CHAIRMAN SCHEUER:** So you have to flip
2 screens.

3 **MS. BASS:** Sorry about that. Presenter
4 view, is that it?

5 **COMMISSIOENR SCHEUER:** There we go. Now
6 we've got it.

7 **MS. BASS:** Okay. Thank you so much.
8 So just wanted to let the commissioners
9 know that after some consultation with the director,
10 and out of tremendous respect to the charge and
11 mission of the Land Use Commission, we decided to
12 provide a very in-depth, comprehensive presentation
13 of the Hawaii 2050 Sustainability Plan, far more
14 extensive than previous presentations in other
15 venues. So we hope that this will provide much
16 information to you all.

17 And I will go ahead. So again, my name is
18 Danielle Bass, the state Sustainability Coordinator
19 of the Statewide Sustainability Branch in the State
20 of Hawaii's Office of Planning and Sustainable
21 Development.

22 This is a relatively new position. I've
23 served in this position since 2017 and during its
24 creation. And we're going to go in and provide a
25 bit of the different -- the adjustments and new

1 roles and responsibilities of the State of Hawaii's
2 Office of Planning and Sustainable Development, the
3 establishment of the Statewide Sustainability
4 Branch, and then go in for a deep dive of the Hawaii
5 2050 Sustainability Plan, its recommendations, as
6 well as specific land use recommendations, for the
7 benefit of you all and end with our call to action.

8 So just a --

9 **CHAIRMAN SCHEUER:** Sorry, Danielle. Just
10 so I can manage the meeting, about how long do you
11 think you have for your presentation?

12 **MS. BASS:** It's 30 slides, Chair.

13 **CHAIRMAN SCHEUER:** Okay. That's great.
14 So that should give us a good time, and then maybe
15 we take a break and do Q and A after. Thank you.
16 Sorry to interrupt.

17 **MS. BASS:** Thank you. So just to provide
18 a very quick overview of the recent -- the very
19 recent changes of the Office of Planning and
20 Sustainable Development. To begin with, our new
21 logo and our name change, as you can see here.

22 Over the last two years now, the Office of
23 Planning and Sustainable Development has expanded in
24 its roles and responsibilities, thanks to the
25 support of the Hawaii State Legislature and the

1 governor of the State of Hawaii.

2 Not only was our office renamed as the
3 Office of Planning and Sustainable Development, but
4 we also are charged to provide information to not
5 only the governor but the legislature and the state
6 and county agencies.

7 Specifically, our roles and
8 responsibilities were expanded to provide sea level
9 rise adaptation coordination, climate adaptation and
10 sustainability planning and coordination, as well as
11 environmental review.

12 You will see that, predominantly, our
13 state Coastal Zone Management Program will be the
14 lead entity for sea level rise adaptation
15 coordination, and the development of the Statewide
16 Sustainability Branch will work on other climate
17 adaptive matters as well as sustainability matters
18 for the state.

19 The environmental review will remain with
20 the former OEQC staff, now renamed as the
21 Environmental Review Program within the Office of
22 Planning and Sustainable Development.

23 To provide a quick overview of the newly
24 established Statewide Sustainability Branch, again,
25 this was established just two years ago, and we've

1 been hitting the ground running.

2 This branch is currently staffed by
3 myself; however, the Office of Planning and
4 Sustainable Development will be going in this
5 legislative session with a budget request to --
6 we're requesting for a sustainability land use
7 planner as well as various sustainability and
8 climate adaptation specialists to help support this
9 branch in addition to a greenhouse gas sequestration
10 specialist to also provide support to our state
11 Greenhouse Gas Sequestration Task Force, which is
12 attached to our office and staffed by the Statewide
13 Sustainability Branch.

14 So to provide a quick overview, this
15 branch is tasked to develop, organize, promote
16 policies and programs to assist Hawaii's -- to
17 assist the meeting of Hawaii's numerous
18 sustainability and climate policies and goals --
19 we'll be explaining that a little bit later in the
20 presentation -- as well as identify, evaluate, and
21 make recommendations regarding proposed legislation,
22 regulatory changes, and policy modifications of the
23 state of Hawaii and other bodies, for the purpose of
24 encouraging activities that best sustain, protect,
25 and enhance the quality of the environment, our

1 economy, and the community, for the present and
2 future benefit of the people of Hawaii.

3 So going into the Hawaii 2050
4 Sustainability Plan, I'm going to explain to you the
5 update process that we conducted at the Statewide
6 Sustainability Branch as well as the public
7 outreach.

8 So first and foremost, why did we update
9 the Hawaii 2050 Sustainability Plan? There is a
10 legal mandate pursuant to Act 146 of 2019, which is
11 now codified as Part II in the Implementation Part
12 of the Hawaii State Planning Act as Hawaii Revised
13 Statute Section 226-65.

14 The Hawaii 2050 Sustainability Plan is now
15 codified to serve as the State's climate and
16 sustainability strategic action plan to determine
17 future actions and guiding the coordination and
18 implementation of Hawaii's sustainability and
19 climate adaptation goals.

20 This plan will be updated every ten years.
21 So with respect to this plan we just published. In
22 June of 2021, the plan will serve from 2021 to 2030.
23 The Statewide Sustainability Branch fully intends to
24 update said plan pursuant to this law, at the end of
25 this decade in preparation for the next decade of

1 2030 to 2040.

2 I'm just highlighting some of these
3 charges. Now, going into the update process, when
4 we were planning for the 2020-2030 Decade of Action,
5 we knew at the Office of Planning and Sustainable
6 Development that there were multiple expectations of
7 us in the revision and update of the Hawaii 2050
8 Sustainability Plan.

9 First and foremost, we needed to provide
10 an extensive legal review of Hawaii's laws and plans
11 as they relate to sustainability, our various
12 climate mandates, and state agency and county plans
13 statewide.

14 We knew we needed to provide extensive
15 public outreach to try to match the 2008 public
16 outreach of the Hawaii 2050 Sustainability Plan.
17 And we knew we needed to coordinate extensively with
18 stakeholders to help us determine future actions for
19 the state of Hawaii and identify gaps and recommend
20 future actions to achieve within these next eight
21 years in this decade, by 2030.

22 So I'm proud to report to you that we were
23 able to review over 150 laws, policies, plans, and
24 strategies. We conducted -- by the way, when I
25 mention "we," I want to explicitly highlight the

1 tremendous support we had from ICF, a climate
2 planning firm that is nationally recognized and also
3 positioned here in the state of Hawaii.

4 This royal "we" I talk about, again, the
5 Statewide Sustainability Branch is only staffed by
6 one employee, myself, and so I couldn't have done
7 this without the excellency of ICF to conduct this
8 extensive community outreach.

9 So we conducted public surveys as well as
10 provided nine virtual public outreach sessions
11 during the Covid pandemic, which yielded over 800
12 public participants including 230 participating
13 organizations and agencies.

14 During the review and coordination with
15 our stakeholders, we distributed two drafts and
16 provided two-week reviews per draft as well as five
17 public presentations in the review of this, which
18 actually yielded over 65 state and county reviewing
19 agencies to provide us with that proper feedback for
20 this comprehensive strategic action plan.

21 All to summarize that we were able to
22 identify eight focus areas, highlight 17 case
23 studies entitled "The Sustaining Hawaii Series,"
24 which highlights the resilience, sustainability, and
25 economic challenges the state of Hawaii has

1 experienced when we discuss sustainability and
2 climate resilience as a state.

3 We identified 38 strategies to take on
4 during this Decade of Action by 2030, as well as
5 over 250 recommended actions, all in a readable 117
6 pages. This is available by pdf online at
7 <https://hawaii2050.hawaii.gov>. We also have an
8 interactive version with the same url,
9 <https://hawaii2050.hawaii.gov/interactive>. That's
10 the much more fun-looking and interactive version
11 for the public to take a look at.

12 So when we talk about our framework and
13 our product of the Hawaii 2050 plan, we knew that
14 this isn't the state of Hawaii's first crack at
15 sustainability but more of an opportunity to align
16 multiple efforts.

17 First and foremost, the United Nation --
18 United Nations has adopted 17 sustainable
19 development goals for this Decade of Action, to be
20 achieved by 2030. So we found this United Nations
21 Sustainable Development Goals framework to be a
22 common and wonderful framework for our plan to also
23 align with.

24 When we -- after using that 17 United
25 Nations Sustainable Development Goals framework, we

1 aligned various -- those 150 state laws, state
2 plans, county climate and sustainability plans, the
3 Aloha Plus Challenge, which is our voluntary
4 sustainability initiative as a state, as well as the
5 Sustainable Hawaii Initiative led by Governor Ige,
6 all to provide this result of Hawaii 2050 for this
7 decade.

8 When I've discussed the extensive
9 Stakeholder Coordination and Collaborative Public
10 Outreach, I just wanted to mahalo and list all of
11 the entities that helped us in this extensive
12 collaborative public outreach that our branch was
13 able to conduct.

14 Without the manoa and the (spoke Hawaiian)
15 provided from these organizations, we wouldn't have
16 the robust plan that we have, so I just wanted to
17 provide a quick mahalo to these organizations and
18 state, federal, and county agencies.

19 Also, when I discussed that we had
20 collaborative work with over 65 state and county
21 agencies, again, I want to mahalo all of these
22 agencies throughout the state of Hawaii and
23 throughout all of our counties for also pitching in,
24 in this kakou effort to update the Hawaii 2050
25 Sustainability Plan for this decade.

1 Since publication on June 2021 the
2 Statewide Sustainability Branch has met extensively
3 with our policy makers, state agencies, county
4 agencies, and has tried to provide as much public
5 outreach as possible, considering the capacity and
6 the staffing of this branch.

7 So we were able to present to multiple
8 entities, organizations, task forces and
9 commissions, including yours, as well as we were
10 able to work with our many state agencies and county
11 agencies that assisted us. Policy makers have been
12 very interested in the Hawaii 2050 Sustainability
13 Plan, and we've met with them over the interim in
14 2021 regarding the potential drafting of
15 legislation.

16 So we do know and we are aware that the
17 Hawaii 2050 Sustainability Plan will be sited in the
18 preambles of various bills this coming year.

19 And also, I really want to mahalo our
20 media partners listed here. If it wasn't for them -
21 - again, this is a one-man branch, so you know, it's
22 really that laulima concept of many hands make light
23 work, so I just wanted to thank everyone for the --
24 to help provide the extensive community public
25 outreach for our branch here.

1 Now, going into the recommendations of the
2 Hawaii 2050 Sustainability Plan. I wanted to share
3 with you commissioners that this is going -- the
4 screen you see here is the first publication and
5 consolidation of all of our legal and statutory
6 sustainability and climate targets.

7 You're going to start seeing these
8 statutory targets through -- codified from our
9 policy makers and partners at the legislature where
10 we need to achieve a sustainable outcome by a
11 certain year. So what we were able to do through
12 the development of this plan is we were able to
13 actually collect all of this information in an easy
14 two-page spread that is also available in our
15 interactive website
16 Hawaii2050.hawaii.gov/interactive.

17 So if you want to know what we need to
18 achieve by when, I strongly suggest you take a look
19 at this. These are our guiding legal and statutory
20 sustainability and climate targets that we need to
21 achieve.

22 And there are quite a few that we need to
23 achieve by 2030, in the next eight years, which
24 include a statewide energy efficiency portfolio
25 standard, doubling food production, our RPS that the

1 public is very much aware of, a clean transportation
2 goal for the state fleet to transition to zero
3 emission vehicles, local farm-to-school meal goals
4 of 30 percent by 2030 in all of our schools
5 statewide, as well as statewide departmental
6 procurement benchmarks for state departments to
7 procure locally produced food.

8 So when we looked at these various laws
9 and the initiatives from many of our counterparts
10 and partners across the state, we note -- and during
11 this Covid-19 pandemic, we wanted to really
12 highlight and elevate eight focus areas, simple
13 eight focus areas recommended for this Decade of
14 Action.

15 We know with climate change that we have
16 global warming accelerating. We know that we need
17 to become more resilient and adaptive, and we know
18 we need to be a much more sustainable and vibrant
19 economy here in Hawaii.

20 So we wanted to redirect and show these
21 eight focus areas from the feedback we received from
22 those 850 participants statewide to, first and
23 foremost, promote a sustainable economic recovery
24 through strategies including supporting local
25 agriculture, green workforce development, and

1 regenerative and sustainable tourism.

2 These are very common areas that we've
3 heard throughout the media, throughout the public
4 that this is what they want to see, and this is what
5 they very much clearly communicated to our branch
6 and the update of the Hawaii 2050 Sustainability
7 Plan.

8 Also important, we need to reduce our
9 greenhouse gas emissions. Not only do we have state
10 targets and laws to meet those emission reduction
11 standards to reduce greenhouse gas emissions, but
12 we've also identified other strategies through
13 energy, transportation, and waste sectors to help
14 direct us there. We also know that through the
15 changing climate, we are seeing many changes in
16 Hawaii's climate relating to heat issues and even
17 sea level rise adaptive measures, wild fires, and
18 drought. So we need to improve our climate
19 resilience for the state of Hawaii by continuing to
20 monitor and adapt to these climate impacts, by
21 taking actions to increase the resilience of the
22 natural and built environments and their occupants.

23 So in this focus area, we've identified
24 multiple strategies to get us there. We also want
25 to help direct the state to advance sustainable

1 communities to improve land use and access to green
2 space, advance sustainable practices in our schools,
3 and encourage sustainable buildings and
4 infrastructures.

5 And while we're doing this, we need to
6 continue to advance equity to ensure equitable
7 access to our resources and address the affordable
8 housing and homelessness crisis that our state faces
9 We will not have a sustainable Hawaii if it's not
10 affordable. We will not be a thriving sustainable
11 state if it is not affordable for our own residents.

12 And we want to also improve gender equity.
13 This is something we heard during the Covid-19
14 pandemic where there were many inequities found
15 between the genders where many women had to not only
16 provide workforce support but also childcare when
17 their own children were not able to go to their
18 schools. So we really need to continue to
19 accelerate the improvement of our gender equity in
20 the state of Hawaii.

21 I will always be a proponent for
22 institutionalizing sustainability throughout our
23 government as the state's Sustainability Coordinator
24 to increase our government's capacity through
25 institutionalized collaboration to address

1 sustainability and greening our government
2 operations. So we need to walk the walk as we're
3 talking this talk.

4 And while we're doing that, we need to
5 also preserve this natural environment to include a
6 focus on clean water, marine resources, and
7 ecosystems and our natural resource protection.
8 Hawaii is a very special and unique place. That is
9 why we all live here and we want to continue to live
10 here and sustain. And by doing so, we will -- we
11 can achieve that by preserving our natural
12 environment and ensuring that we have clean water,
13 which is becoming much of an issue right now, as
14 many of you are aware.

15 Finally, we need to perpetuate our
16 traditional ecological knowledge and values
17 throughout the state as we tackle sustainability and
18 climate challenges, which is a kakou effort.

19 So now that we've given an overview of
20 these eight focus areas, let's dive a little deeper
21 into the strategies to achieve these focus areas.

22 So in terms of the focus area to promote a
23 sustainable economic recovery, as I discussed, a lot
24 -- this does focus a lot on our -- the advancement
25 and development and expansion of our agricultural

1 economy. We want to promote our farmer livelihood,
2 support local markets and locally grown food, and
3 promote sustainable, resilient farmland, practices,
4 and infrastructure.

5 Not only do we want to focus on our
6 agricultural economy, but we want to also invest in
7 a green workforce development, beginning with our
8 youth.

9 Now, a green workforce not only pertains
10 to our conservation workforce, but it also expands
11 to energy sectors, jobs like my own, and the Office
12 of Planning and Sustainable Development, jobs that
13 you're doing, commissioners, and the Land Use
14 Commission staff are doing, jobs that our farmers
15 are doing and the DOA is doing.

16 So we really want to look at this green
17 workforce development, really, in an expansive
18 opportunity for a way to redesign our operations and
19 redesign our buildings and our infrastructure,
20 transitioning from gray to green infrastructure.

21 We know that we need to foster development
22 and jobs that sustains our families financially,
23 support the diversification of our economy while
24 reducing the environmental footprints of our tourism
25 industry and support our native Hawaiian culture,

1 and reduce the impact of the tourism industry in our
2 own local communities. We heard a lot about that in
3 2020 during our community outreach.

4 Other strategies for focus areas to reduce
5 our greenhouse gas emission range from measure,
6 manage, and plan for greenhouse gas emission
7 reductions. For instance, the Department of Health
8 Clean Air Branch always provides an annual report to
9 measure our greenhouse gas emission inventory. So
10 we know our emissions in the state of Hawaii, and
11 now it's just a matter of bringing those emissions
12 down. So we can do that by continuing to measure
13 and manage and plan.

14 One recommended strategy we can do through
15 this is actually look at our 2020 emissions and
16 acknowledge that we have a 2045 zero-emissions clean
17 economy target. And when I mentioned planning, we
18 need to plan that gap from our 2020 emissions down
19 to that zero-emissions mandate by 2045.

20 We can do this by incorporating climate
21 change planning into decision-making processes,
22 including your own at the Land Use Commission. And
23 promote energy conservation and efficiency through
24 our outreach communication and community public
25 engagement while continuing to invest in the

1 deployment of clean energy technologies to reduce
2 the reliance on our fossil fuels.

3 Of course, the state is beginning to
4 expand the adoption of the zero emission vehicles
5 through the recent purchase of our zero-emission
6 fleet. And we know that other counties like the
7 county of Hawaii are beginning to expand into
8 hydrogen zero-emission vehicles.

9 We want to promote alternative modes of
10 transportation and reduce the generation of waste,
11 including plastic waste, while increasing the
12 diversion of waste through recycling, reuse, and
13 composting.

14 Moving on to the focus area to improve our
15 climate resilience. We've identified multiple
16 strategies here to integrate climate change
17 adaptation and resilience considerations into
18 planning and implementation. And we can do that
19 through partnerships with the Land Use Commission
20 when we are making -- when we are -- when our state
21 is making those decision, we can start integrating
22 those climate adaptive and resilience strategies.

23 Most importantly, as you are well aware,
24 the Land Use Commission has adopted various rules to
25 incorporate climate adaptation in just the review

1 that your agency is conducting.

2 Other strategies are to assess and
3 communicate those impacts of climate change to our
4 residents, businesses, and communities most likely
5 impacted, so that we can identify those vulnerable
6 communities and make sure that we are doing the best
7 we can as government officials to ensure that those
8 vulnerable communities are becoming resilient, and
9 we acknowledge their potential impact.

10 We need to implement actions that improve
11 our state's resilience through climate change. This
12 is through opportunities to invest in stronger
13 hurricane shelters, to just strengthen our hurricane
14 shelters to category 5 hurricane levels and increase
15 the resilience of vulnerable populations to the
16 impacts of climate change and other shocks and
17 stressors.

18 When we're thinking about these vulnerable
19 communities like Hana, like Waimea, like Haena, and
20 various land -- and the landslides that our state
21 assets like these -- our beautiful maunas are doing
22 when they have these landslides and cut off the
23 access points for --

24 **CHAIRMAN SCHEUER:** Danielle, one moment.

25 **MS. BASS:** Yes.

1 **CHAIRMAN SCHEUER:** Dan, you have your hand
2 raised. Oh, you do.

3 **MR. ORODENKER:** I'm sorry, Chair. I don't
4 know how that happened. I haven't touched my
5 computer.

6 **CHAIRMAN SCHEUER:** Okay.
7 Sorry, Danielle.

8 **MS. BASS:** No problem.
9 I'll try to speed up here.

10 **CHAIRMAN SCHEUER:** I don't think it was a
11 comment. I think it was just -- I don't know what
12 it was. Okay. Please continue.

13 **MS. BASS:** Okay. Moving into focus area
14 of advancing our sustainable communities. This is
15 specifically to look at the urban and built
16 environment. Again, the Office of Planning of
17 Sustainable Development has been very strong in
18 pushing, and with the partnership of our county
19 planning departments, we really want to advance more
20 growth initiatives and multimodal transportation
21 efforts and systems. You can see that they're the
22 TOD Council and other various initiatives led and
23 co-led by the Office of Planning and Sustainable
24 Development.

25 We also want to continue to advance

1 sustainability in school and university operations.
2 I say this because by 2035, all of our state
3 schools, all public schools in the state of Hawaii,
4 as well as the entire University of Hawaii system,
5 all campuses need to be net zero. That is one of
6 those sustainability statutory and legal mandates
7 pursuant to law.

8 So when we're thinking about, you know,
9 opportunities to build new or retrofit our
10 buildings, we really need to start advancing more
11 energy efficiencies, clean renewable energies, and
12 also put in a small caveat of water reclamation
13 while we're thinking of this, because there are
14 these mandates that we need to be net zero in energy
15 by 2035.

16 And all of our state and county buildings
17 need to be recycling its water, with the exception
18 of potable and drinkable water, by the year 2045, so
19 only ten years after that.

20 So when we're thinking about these
21 opportunities of building and development and
22 expansion of our -- of these buildings and the
23 footprints of these buildings, we really need to
24 find opportunities to drive our carbon emissions and
25 our water consumption down while we're doing this,

1 through smart investments of energy efficiency,
2 clean and renewable energy, and water reclamation.
3 And we can do this by integrating sustainable design
4 principles into these new and existing buildings.

5 Moving on to the focus area to advance our
6 equity. 2020 was a very challenging year due to
7 Covid-19, and we knew -- as the state of Hawaii, we
8 heard loud and clear that we need to strengthen our
9 broadband access to support digital learning and
10 online solutions, especially for our rural areas.

11 That connectivity, we need to make sure
12 everybody has equal access to be -- to the internet,
13 to Zoom, so that they can participate through
14 government operations such as this, this hearing.
15 And so we want to definitely support and strengthen
16 broadband access and a landing site for our state.

17 We need to continue to improve the
18 economic and social sustainability of individuals
19 through access to affordable housing. I said it
20 once; I'll say it again. A sustainable Hawaii
21 includes an affordable Hawaii. If we cannot, as
22 residents, afford to live in the state of Hawaii,
23 then we have not achieved the basic needs of
24 sustaining our lives here. We will be moving. And
25 so that does not help us to achieve the sustainable

1 Hawaii that we all envision.

2 We need to continue to implement
3 strategies that reduce homelessness in Hawaii, to
4 advance livelihoods, and advance opportunities for
5 all regardless of gender.

6 Going on to institutionalizing
7 sustainability as a focus area. We need to invest
8 in staff and other resources to coordinate and
9 advance sustainability goals across the state and
10 local governments.

11 As I've mentioned to you, Commissioners,
12 the Statewide Sustainability Branch is currently
13 staffed by one employee, and that is me. So when
14 you think of the charge of the Statewide
15 Sustainability Branch, we do need to invest in more
16 than one employee to sustain the Sustainability
17 Branch, if you will.

18 And we need to also ensure that we are
19 investing in our county governments as well, so that
20 those respective sustainability and climate agencies
21 are also well sustained beyond the one and two
22 employees that they may have, to advance these
23 initiatives throughout our governments.

24 We need to update our state policies to
25 reflect sustainability and climate change

1 priorities. Office of Planning and Sustainable
2 Development, I, with the support of our Director,
3 Maryalice Evans, we have been doing that for the
4 last five years since in 2017, where we have been
5 strong supporters to update our state policies
6 inclusive of the Hawaii State Planning Act, to pivot
7 to become and reflect the sustainability and climate
8 change priorities and values that we of the state
9 have.

10 And we need to continue to incorporate
11 sustainability into our government operations.

12 Another focus area, to preserve our
13 natural environment. Of course, it improves -- one
14 strategy is to improve water quality through reduced
15 pollution and dumping.

16 We really see this through big rain events
17 and Kona lows right now when there is just an excess
18 of water during these La Nina time periods where we
19 have that excessive water, and you start seeing more
20 mixture of pollution and various dumping in these
21 water systems. And of course, the just knowing our
22 ahupua'a of values, that that will go out into the
23 ocean, so we need to continue to strive and reduce
24 those pollution efforts and dumping, to preserve and
25 protect our water quality throughout the state.

1 We need to support water reuse strategies
2 as a state to conserve our water. I did mention
3 that through La Nina events, we do have -- during
4 the winter seasons, we do have these massive
5 precipitation events, inclusive of the Kona low, and
6 what we've seen the last few weeks in the various
7 islands.

8 However, during La Nina events, we also
9 see major drought during our summertime, which leads
10 to wildfire. And we are seeing that in our other
11 islands, specifically the Big Island and Maui. So
12 opportunities to reuse our water and strategies to
13 conserve our water are imminent for this Decade of
14 Action.

15 We need to establish policies to protect
16 our unique marine ecosystems as well as manage
17 climate change impacts to our marine resources.
18 There are strategies listed in the Oahu -- or excuse
19 me, the Ocean Resource Management Plan that can help
20 us achieve that as well.

21 We can also protect and manage our
22 watersheds. DLNR is doing a fantastic job with
23 partners like Kupu and the Watershed Partnership
24 Program, so we need to continue to put our resources
25 there and possibly even look at Greenpeace to start

1 financially supporting our watershed management.

2 And we need to continue to adopt
3 strategies that protect land-based natural
4 resources. Again, when we're thinking about why we
5 live here in Hawaii and why people visit Hawaii, it
6 is because of our beautiful natural system and our
7 natural environment, these land-based natural
8 resources, our water, our beautiful maunas. We need
9 to preserve and protect them and adopt strategies to
10 protect them as well.

11 And we need to continue to conserve
12 working forest landscapes, protect our forests from
13 harm, and enhance public benefits from trees and
14 forests.

15 Finally, the last focus area, it's very,
16 very -- you know, to me, this is, of course -- this
17 is to perpetuate our traditional and ecological
18 knowledge and values.

19 We need to ground our climate and
20 sustainability strategies in our cultural
21 foundations. We need to remember -- you know, for
22 those of us who are not indigenous of this land, we
23 need to remember that this land has been sustainable
24 once before prior to development through the
25 ahupua'a systems, through our natural resources, and

1 we need to continue.

2 As we continue to advance and build our
3 urban cores and build communities that we need to
4 ground these values through -- ground our climate
5 and sustainability strategies in our cultural
6 foundation and perpetuate the TEK and the values of
7 the Hawaiian culture.

8 Okay. So transitioning into specific land
9 use recommended actions. That overview I provided
10 to you of the 38 strategies and the 8 focus areas
11 includes over 262 specific recommended actions, so
12 it's very in-depth.

13 And as I was reviewing the plan to provide
14 this presentation to you, Commissioners, I
15 identified at least 80 recommended actions for you
16 to consider. So I'm not going to list them line by
17 line, but I was able to identify the specific
18 strategies and the corresponding action identified
19 Now, again, this goes to the general values that I
20 discussed earlier. To continue to support and
21 expand our agricultural economy and provide more
22 agricultural planning and investment to meet our
23 local food security targets, again, the state of
24 Hawaii is charged to double local food production by
25 2030. So through these agricultural and economic

1 values, these are strategies that we can achieve.

2 Sustainable crop management practices,
3 sustainable irrigation practices can provide
4 environmental services and co-benefits to protect
5 against soil degradation, providing our greenhouse
6 sequestration, which our state is also tasked to
7 achieve, and increase biodiversity in our soil
8 fertility to maintain economic production of crops
9 and animal protein to meet these doubling food
10 production targets, and to continue to support lo'i
11 farming to enhance our local foods productivity and
12 growth to protect Hawaii's environment.

13 Also, we need to ensure the consistency of
14 funding for agricultural infrastructure
15 improvements, operations, and maintenance, as well
16 as the purchase of fee interests for available prime
17 agricultural lands before they are subject to non-
18 agricultural development.

19 So you can see there are very specific
20 actions we can take as a state to help get us to
21 these strategies and focus areas.

22 Moving on to some more specific land use
23 recommended actions. When we're thinking about our
24 tourism economy as well as our general economy,
25 there are opportunities where we can grow our

1 priority sectors in healthcare, technology, and
2 skilled trades, to expand skilled trades to include
3 sustainable agricultural opportunities,
4 manufacturing sustainable development buildings and
5 construction.

6 So to really just expand these vocations
7 as we pivot towards that more sustainable outcome we
8 plan to achieve, we need to have more investments in
9 these vocations that we can ensure that we are
10 recycling water and we can ensure that we are
11 meeting our state goal to close -- to eliminate all
12 cesspools by the year 2050. That's about 88,000
13 cesspools statewide that we need to eliminate.

14 So there are opportunities -- when we look
15 at these big sustainability and climate targets,
16 there are opportunities to invest in our vocational
17 training to expand those economic opportunities as
18 well.

19 In terms of our tourism industry, we can
20 continue to protect and enhance the recognition of
21 Hawaii as a green destination by mitigating tourism
22 from a community standpoint in the destination
23 management planning and process statewide to promote
24 Hawaii's sustainability, natural resources, local
25 agricultural, and climate resilience through

1 Hawaii's tourism, marketing, and branding. And this
2 will contribute to the regeneration of Hawaii's
3 natural beauty, resources, and culture.

4 When we think about sea level rise
5 adaptation, again, we are islands in the middle of
6 the Pacific. As an archipelago, we need to begin to
7 provide a framework for a comprehensive sea level
8 adaptation resilience plan.

9 Again -- specifically, for the Waikiki
10 Special District area, that is something that the
11 Office of Planning and Sustainable Development is
12 very excited to participate in and looks forward to
13 future conversations, especially with the
14 legislature, on this matter.

15 Not only do we want to focus on the
16 Waikiki Special District, but we need to look at the
17 entire state as a whole through those managed
18 retreat opportunities. Again, our partners in the
19 Coastal Zone Management Program have published a
20 preliminary report on feasibility of managed retreat
21 in the state of Hawaii.

22 I encourage you to go to the Office of
23 Planning and Sustainable Development's website to
24 take a look at that report, and we want to continue
25 that investigation and what does it take to -- when

1 we consider these managed retreat opportunities.

2 Additionally, as I mentioned before, we
3 want to develop a Climate Action Plan. Now, that's
4 to drive the greenhouse gas emissions down. When I
5 say Climate Action Plan, that is a mitigation plan.

6 We have our current emission levels
7 measured at 2020, and we have met those levels.
8 Pursuant to law, we have met the requirement of our
9 1990 emissions, and that is a wonderful success the
10 state of Hawaii has achieved in the year 2020.

11 However, we have a state mandate to drive
12 those emissions down to a zero-emissions clean
13 economy target by 2045. So this is a wonderful
14 opportunity to plan between that 2020 measurement to
15 2045 as how the state of Hawaii can get to that 2045
16 law. And once we plan it, we can follow up and
17 follow through with the respective actions to get us
18 there.

19 Going into more specific land use
20 recommendations. We need to establish short- and
21 long-term benchmarks to indicate how effectively
22 agricultural and aquacultural activities can help us
23 reach that state zero-emissions clean economy target
24 by 2045 and explore establishing net zero greenhouse
25 gas emission goals for all projects, including

1 public and infrastructure products to help us meet
2 Hawaii's zero-emissions clean economy target.

3 This is a large target that we need to
4 achieve by 2045, and so looking into opportunities
5 to reduce our greenhouse gas emissions through all
6 projects and find measurable benchmarks along the
7 way, as well as that climate action plan I talked
8 about will, again, help us get there. There are
9 measurements and installments to get to 2045.

10 We can screen projects over a particular
11 size for impact on climate change mitigation or the
12 achievement of other sustainability goals and
13 targets such as the ones I've listed in this plan.

14 Of course, thanks to the work of the Land
15 Use Commission, we need to continue to give
16 consideration to climate change planning in our land
17 use planning. We thank you for that leadership to
18 the Land Use Commission, and I want to just echo
19 that leadership through all of our planning agencies
20 statewide.

21 We need to, of course, increase solar
22 battery -- solar and storage battery projects
23 throughout the state. This will help us get down
24 our greenhouse gas emissions as well as increase
25 statewide rooftop photovoltaic installations when

1 we're considering new developments or redevelopments
2 and encourage to expand that zero-emissions vehicle
3 charging in public areas, commercial areas,
4 workplaces, households, and apartment dwellings.

5 When we're starting to see a lot more
6 zero-emission cleaning -- zero-emissions vehicle
7 targets percolate in our statutes, and so we need to
8 also build the infrastructure to encourage our
9 public and encourage our consumers to use those
10 technologies by building charging infrastructure as
11 well as hydrogen charging stations.

12 Going into more specific land use
13 recommendations. We've talked a lot about improving
14 access to energy efficiency, renewable energy, and
15 zero-emissions vehicle charging stations also to our
16 rental units and our condos, implement those
17 expanding infrastructure for ZEVs, zero-emission
18 vehicles, to include that energy storage and
19 increasing the availability of electric charging and
20 hydrogen fueling stations.

21 I keep bringing up hydrogen because while
22 we in Oahu may be very interested in electric
23 charging, there are counties within the state of
24 Hawaii like the county of Hawaii which is very
25 interested in developing hydrogen zero-emission

1 vehicle fleets and hydrogen charging stations. So I
2 want to be inclusive of that when we're discussing
3 the transition to a zero-emission vehicle fleet and
4 zero-emission vehicle opportunities.

5 Multimodal systems and connectivity will
6 help improve the pedestrian walkability, bike-
7 ability of our communities, as well as bring those
8 greenhouse gas emissions down, and modernized
9 transportation planning to end the projects to
10 enhance the quality for our community's reduction of
11 transportation cost to residents, and minimize
12 injuries and fatalities to improve our public health
13 and quality of life, while also reducing greenhouse
14 gas emissions through these promotion of alternative
15 modes of transportation.

16 We also -- when we're thinking about
17 greenhouse gas reduction, specific land use actions
18 we can think of are also to accelerate regional
19 composting statewide. When we're starting to see
20 that our landfills are also providing much of the
21 methane emissions -- and of course, methane
22 emissions are far worse than our carbon dioxide
23 emissions.

24 So when we're discussing greenhouse gases,
25 we need to also be mindful of our landfills and

1 accelerate our regional composting statewide while
2 also expanding opportunities for methane capture in
3 our landfills, waste to energy facilities, as well
4 as wastewater treatment facilities and our anaerobic
5 digesters.

6 The city and county of Honolulu has a
7 pilot project in Ewa which is currently capturing
8 the methane emitted from the wastewater treatment
9 facility, and we can use that methane to convert for
10 renewable natural gas for consumers using natural
11 gases in their homes.

12 We need to, of course, improve interagency
13 and inter --

14 **CHAIRMAN SCHEUER:** Danielle? Danielle,
15 sorry. If I can just --

16 **MS. BASS:** Sure.

17 **CHAIRMAN SCHEUER:** -- where are we at in
18 terms of -- I know that we normally take a break.
19 Where are we at in terms of your presentation?

20 **MS. BASS:** We have about five slides to
21 go.

22 **CHAIRMAN SCHEUER:** Would it be okay to
23 take a break right now and then finish up, or would
24 you like to finish?

25 **MS. BASS:** I can just speed up, if you'd

1 like, and we can take a break.

2 **CHAIRMAN SCHEUER:** Sure.

3 **MS. BASS:** Okay. So going into the next
4 recommended actions, again, the Office of Planning
5 and Sustainable Development is working to coordinate
6 across agencies for operational responsibilities
7 over state facilities to identify existing and
8 planning facilities that are vulnerable to our
9 climate hazards, and we need to assess the options
10 to increase the resilience of those facilities in
11 our climate area.

12 Another very needed plan that we need to
13 do to continue to conduct our climate adaptation is
14 to develop a Statewide Climate Adaptation and
15 Resilience Implementation Plan. And this is
16 inclusive of the whole state. So we're starting to
17 see our county partners begin to work on that at the
18 county levels, and we would like to adopt a similar
19 plan for the state.

20 We need to also incorporate regional
21 managed retreat and strategic relocation analysis
22 into our planning.

23 Moving on into other opportunities for
24 recommended action. Again, we talked about
25 hurricane sheltering, and we want to strengthen

1 hurricane sheltering as much as possible to become
2 more climate resilient, incentivize the use of green
3 roofs and implement green infrastructure design
4 guidelines and policies, expand onsite rainwater
5 harvesting and stormwater management, so that we can
6 continue to reclaim and recycle our water.

7 And we can do this through underground
8 cisterns as well as Eco-Blocks and eco-building
9 development to promote decentralized water and
10 sustainable energy to reduce the development's
11 carbon and water footprints.

12 I believe this is -- we're getting close.
13 You know, in terms of land use recommendations, we
14 can look at innovative residential developments
15 which reduce -- result in lower cost and sustainable
16 use of resources and of more efficient use of land
17 infrastructure and greater convenience of privacy.

18 And we can continue to update the Hawaii
19 State Planning Act to reflect these current
20 policies. Specifically, the state functional plan
21 with a particular focus on energy, agriculture,
22 conservation, recreation, transportation, and
23 tourism to, again, modernize those functional plans
24 to meet 21st century needs and sustainability and
25 climate change targets.

1 So when we're thinking about these land
2 use recommended actions, again, we need to think of
3 our sustainability and climate and statutory
4 targets.

5 I mentioned before a 2050 cesspool
6 reduction requirement where all cesspools need to be
7 eliminated by the year 2050. So when we're looking
8 at various communities and development
9 opportunities, we need to start thinking of that
10 statutory requirement when we're providing this
11 planning and develop the infrastructure to support
12 the elimination of those cesspools.

13 So Chair, I just want to finish. As you
14 know, I provided this presentation, and we did want
15 to make it comprehensive for the Land Use Commission
16 because we find this to be very fitting with the
17 many challenges the commission faces.

18 And so I hope this presentation was of
19 benefit to the Land Use Commission. We want to end
20 with this call to action. We have eight years in
21 this Decade of Action declared by the United
22 Nations. Eight years until 2030. That is so short,
23 and we have so much to do.

24 And how we can get there while looking at
25 our eight focus areas, our 38 strategies, and our

1 over 262 recommended actions, we can get there
2 through strategic prioritization of investments,
3 integrating our knowledge and work across all
4 employee sectors through that kakou opportunity. We
5 are just -- there's only a million of us -- 1.4
6 million of us throughout the state, and we must work
7 together to achieve all of these statutory
8 requirements of the state of Hawaii.

9 We also need to continue to develop those
10 metrics to enable measurement and tracking of
11 progress, so that we know we can achieve our 2030
12 laws by 2030 and have that realistic timeline to
13 work toward.

14 So with that, mahalo for this opportunity
15 to speak. I'm sorry it -- this presentation took so
16 long. I would encourage Land Use Commissioners and
17 members of the public who are watching this to visit
18 our website, <https://hawaii2050.hawaii.gov>, and
19 definitely look at our fun interactive version,
20 hawaii2050.hawaii.gov/interactive.

21 If anyone has any questions, I'm available
22 for questions. And mahalo for this opportunity to
23 present.

24 **CHAIRMAN SCHEUER:** Thank you so much.
25 Such an incredible and thorough presentation. I'm

1 really excited for the conversations, so I just want
2 to give commissioners ten minutes, which we always
3 do every hour, and then come back for the robust
4 discussion.

5 Does that work? Excellent. Okay. It is
6 10:02. We reconvene at 10:12.

7 **(Recess taken from 10:02 to 10:12 a.m.)**

8 **CHAIRMAN SCHEUER:** Okay. It's 10:12.
9 We're back in session and on the record.

10 Commissioners, questions for OPSD,
11 Danielle and Maryalice, on the presentation?

12 I will start off by sharing that I had the
13 honor and pleasure of serving as the facilitator for
14 the virtual meetings on this project, so it was
15 really an excellent process. I enjoyed it greatly.

16 Commissioner Chang?

17 **COMMISSIONER CHANG:** Thank you very much,
18 Jon.

19 Danielle, I am so impressed with your
20 obvious passion, and the presentation was extremely
21 comprehensive. Thank you so very much. Given
22 you're an office of one, it is quite amazing what
23 you've been able to do, so congratulations to you on
24 all the efforts.

25 I have three questions, and I'll just pose

1 them to you and then you can take them and respond
2 to them. The first is, are these strategies listed
3 in a priority, or are they given equal weight and
4 consideration?

5 I do note it's kind of like the Hawaiian
6 values are sort of the last one but suggests kind of
7 --

8 The second question is, how do you balance
9 sometimes, what I would call, competing sustainable
10 goals? For example -- and this comes from the Land
11 Use Commission -- we have use of ag lands for
12 renewable energy projects.

13 Much of your presentation dealt with the
14 importance of ag lands, and I totally support that.
15 But we have a lot of these several -- and, as you
16 can see, several solar projects are coming before
17 us, and many of them are using ag lands. So is
18 there some guidance that you can provide us on what
19 is -- you know, have you guys looked at that and how
20 do we address that?

21 And I think I only had, actually, those --
22 those are the two questions I have right now, so any
23 -- your thoughts, your responses.

24 **MS. BASS:** Thank you, Commissioner.
25 Mahalo for your supportive words. Thank you so

1 much.

2 In terms of priority, they are of equal
3 value. So unfortunately, you just have to put
4 numbers to things to make it digestible to the
5 public. And by no means do I want to -- I mean, I
6 come from very strong Hawaiian values from my
7 aunties and my family, so I would never want to, you
8 know, put perpetuating traditional ecological
9 knowledge and values or Hawaiian culture as last, so
10 by all means, they are not prioritized. They are
11 just listed. And they have equal value.

12 In terms of the competing uses of land, I
13 very much understand the challenges ahead. And I
14 think that this is going to be a constant for the
15 state of Hawaii because we are limited in land, as
16 you well know, the 4 million acres. That is the
17 beauty as well as the challenge of Hawaii.

18 And we have these sustainability
19 challenges. This has come up many times in my
20 conversations with the state legislature, and this
21 is a passionate issue. Of course, we need to
22 continue to preserve and protect our agricultural
23 operations as well as expand those -- that economy,
24 and you know, the challenge of providing affordable
25 housing to our residents as well as providing that

1 clean energy, you know, through solar farms on our
2 ag lands. This is all a constant challenge I very
3 much understand.

4 And I have mentioned that many times to
5 our policy makers and our decision makers, so I
6 agree. This will -- in terms of that challenge, it
7 will be a constant. That's just because of the
8 scarcity of our land that is a constant.

9 And in terms of energy versus ag, of
10 course, our agricultural lands are protected through
11 the constitution and, you know, of course, the
12 Public Trust Doctrines. So in terms of energy, what
13 I really do appreciate from various energy
14 developers is when they -- when they have
15 agricultural plans for those lands and how they can
16 expand and provide kind of a co-existence of
17 agricultural opportunities as well as energy land
18 use for that proposed -- for those hypothetical
19 proposed developments. It's something I support.

20 **COMMISSIONER CHANG:** Okay. Thank you very
21 much. I appreciate the response.

22 **CHAIRMAN SCHEUER:** Okay, Commissioner
23 Chang.

24 Commissioner Ohigashi?

25 **COMMISSIONER OHIGASHI:** Yeah, I have a

1 question. I was looking at strategy 10 in your
2 outline and your action 75. It talks about the
3 sustainability analysis in all projects over a
4 certain amount.

5 Has your department fleshed out what
6 projects would be interested -- what types of
7 projects would be part of it, what types of
8 (indiscernible) sustainability analysis, or is that
9 something that (indiscernible) do in the future and
10 codify it with an omnibus bill?

11 **MR. BASS:** That's a great question, and I
12 believe that's a part of the transition. So first
13 and foremost, it's in thanks to the Land Use
14 Commission changing their rules to also provide that
15 sustainability analysis and climate change analysis
16 in the proposed developments before the commissions
17 for future decisions.

18 But in terms of the Office of Planning and
19 Sustainable Development, I just need to remind that
20 this branch has only been in existence for about
21 one-and-a-half years and is only staffed by one
22 individual. So it is definitely the intent of this
23 branch to provide the sustainability and climate
24 resilience analyses and review; however, due to a
25 limitation in capacity of staffing, that is a

1 problem for us.

2 So it is a part of our transition. That
3 is where -- you know, as the administrator of this
4 branch, that is where I see this branch going. And
5 that is why in our budgetary request I have
6 requested, and the Director, of course, has
7 supported this request, the need for sustainable
8 land use planners for our branch so that we can
9 provide those reviews.

10 **COMMISSIONER OHIGASHI:** As it stands now,
11 maybe I'm not as familiar with that portion of the
12 analysis, but what type of projects would not
13 include the analysis?

14 **MS. BASS:** Interesting. This branch
15 supports the entire state, right? So I actually get
16 calls from many agencies to include, but not limited
17 to, the Hawaii Tourism Authority, DLNR, and things
18 like that. And so we are starting to see this
19 transition.

20 And so, for instance, there have been a
21 few land leases before the DLNR for renewal. And
22 the DLNR has asked for a quick consult on, you know,
23 the zero-emissions clean economy, should we as a
24 state, you know, extend a land lease for a fossil
25 fuel entity beyond 2045 if we have a zero =

1 emissions clean economy.

2 Now, of course, the Board of Land and
3 Natural Resources made that decision, but you know,
4 they provided -- they contacted this branch in terms
5 of, you know, just reaffirming what these
6 sustainability laws and targets are, so that they
7 can try to align these legal targets in their
8 decision-making process used.

9 So this is something, of course, that, you
10 know, I cannot right now provide at a complete
11 statewide level, since it is just me, but you know,
12 there are times where state agencies, inclusive of
13 the Land Use Commission, has contacted me for quick
14 consult on some of these projects before you, as
15 well as the DLNR and the Hawaii Tourism Authority,
16 so we're starting to see a lot of that begin.

17 **COMMISSIONER OHIGASHI:** What I'm concerned
18 about or what I've thought about, special use
19 permits (audio disruption) -- landfills, and it
20 comes with all kinds of bells and whistles and all
21 that, car wrecking or car stripping or storage and
22 add restorage and all these types of activities
23 along with it.

24 My question is that from a sustainable
25 planning view, what should we be looking at in these

1 special use permits that all counties are asking
2 for, for landfills? And what kind of analysis would
3 the sustainability kind of -- I guess, what would be
4 a sustainability analysis of those types?

5 Maybe it's too specific, but that's my
6 question.

7 **MS. BASS:** I'm just trying to --
8 unfortunately, in my audio you're cutting in and
9 out, so I'll try to respond the best that I can.

10 To the point of the recyclability and the
11 sustainability of some of these waste products like
12 EV batteries, et cetera, there are -- you know,
13 we've actually identified that as a policy to this
14 last year --

15 **COMMISSIONER OHIGASHI:** Ms. Bass, I don't
16 -- maybe you're cutting in and out. But my real
17 question is this. We give these special use permits
18 for land use, and it comes with all of these other
19 kinds of things nowadays, you know, recycling
20 equipment and sludge, spreading out of sludge and
21 all these kinds of things.

22 The question that I have is from a
23 sustainability point of view, how should we be
24 dealing with these types of projects?

25 I understand if you -- we haven't figured

1 it all out, but I was just trying to get a handle on
2 how we're going to do that in the future, or is that
3 part of review? Because that's -- I can see how we
4 do it for solar rays and solar farms or projects
5 that deal with large tracts of land, that have to do
6 with housing and things like that, but I -- the ones
7 that affect the environment the most appear and --
8 are the landfills that would appear in terms of
9 getting rid of our waste.

10 So I was just wondering if there's any
11 specific kind of targeting or anybody doing
12 anything, or is there any kind of guidance that OPSP
13 will give to us about dealing with these projects
14 within the framework of sustainability?

15 I know that's a long question. That's a
16 directional -- I'm just curious.

17 **MS. BASS:** Maryalice, I saw that you're
18 unmuted. Would you like to begin? I do have a
19 comment, but it seems to me that you might want to
20 respond to that.

21 **MS. EVANS:** Commissioner Ohigashi, a
22 couple of things. The Office of Planning and
23 Sustainable Development has already started to
24 provide comments on climate change and
25 sustainability when we are asked, as we always are,

1 to comment on environmental assessments and
2 environmental impact statements. So that's now part
3 of what gets incorporated into environmental
4 assessments and environmental impact statements for
5 all projects that have a trigger for those
6 disclosure documents.

7 And some of those come to the Land Use
8 Commission as the first discretionary permit for a
9 project. So you will get an assessment of the
10 impact of the project on our climate change goals
11 and our sustainability goals in that disclosure
12 document before you reach a discretionary phase of
13 your consideration of applications and petitions.

14 Another thought that comes to mind, and I
15 think you probably know this already, is that each
16 proposal is different, and so the application of a
17 sustainability or climate change impact assessment
18 is going to vary by the type of project that is
19 being proposed for a special permit.

20 And the Office of Planning and Sustainable
21 Development will provide, as part of our statute and
22 part of your roles, those assessments, but it will
23 be on a project-by-project basis rather than sort of
24 a general sense of one size fits all on these.

25 Does that help answer your question,

1 Commissioner Ohigashi?

2 **COMMISSIONER OHIGASHI:** Well, maybe I'm
3 just looking for specifics in trying to deal with
4 some of those -- some of the issues that come up in
5 front of us. Like, for example, special use permit,
6 you know, (indiscernible) crashing.

7 **MS. BASS:** Uh-huh.

8 **COMMISSIONER OHIGASHI:** The members of
9 sustainability, is that the question? Is -- are we
10 have enough rocks or when is -- when does it reach
11 the -- when does it reach mission and how do we have
12 -- well, I'm just curious as to how this process or
13 this view would apply, and the specific kinds of
14 areas of special use permits that are not -- are
15 just like -- are considered -- to me, I consider
16 them like spot zoning, that you're allowing a
17 special activity in that particular area.

18 And so that's just my -- my (spoke
19 Hawaiian) -- my --

20 **MS. BASS:** I have two more things to your
21 question, Commissioner Ohigashi. In terms of the
22 landfill hypothetical issue, I think from a
23 sustainability standpoint, what we can look at in
24 terms of guidance is the statutory target.

25 Now, it's been codified years and years

1 ago, and it does, frankly, need updating. And we
2 have testified to that effect to the legislature.

3 There is a statewide recycling goal that
4 the state has, and I've actually published that in
5 the plan. It's on page 14, and it's by the year
6 2000, the state must -- must divert and reduce the
7 solid waste stream by 50 percent for the entire
8 state on all of our counties and our islands.

9 And so --

10 **COMMISSIONER OHIGASHI:** 2000?

11 **MS. BASS:** 2000, yes. And that is --

12 **COMMISSIONER OHIGASHI:** Oh.

13 **MS. BASS:** -- why -- that is why, when we
14 looked at that law -- and this is -- you know, we
15 worked with the Department of Health, of course, so
16 the executing authority on that one.

17 But when we were looking at that law,
18 there's a bit of frustration with it. For instance,
19 it's the year 2000, and we're well into 2022. But
20 we published that because it almost serves as a
21 reminder to our policy makers that that's still on
22 the books.

23 And this is an opportunity where we can
24 actually update that, you know. Pick your year.
25 Maybe not 2030, but look at ways we can increase

1 that 50 percent target to 75 percent, so that we can
2 continue that goal to reduce and divert our waste
3 stream, right?

4 Because ultimately, we -- you know, the
5 landfill issue has been a long, ongoing issue, to
6 your point. And these are huge sources of methane
7 greenhouse gas emissions, which are substantially
8 more than the carbon dioxide that our state emits,
9 right? So they have a larger global warming
10 potential. Methane is much more detrimental than
11 carbon dioxide.

12 And so as we continue to strive and work
13 through these, I'd be glad to even remind the Land
14 Use Commission of that law, and we can start working
15 with the Department of Health on that. That is a
16 frustration that even their agency would like to see
17 some updating of that law as well as the integrated
18 solid waste management plan.

19 So these are things that we learned
20 through this comprehensive review.

21 **COMMISSIONER OHIGASHI:** Just one other
22 thing I wanted to ask you about. You indicated the
23 CZM, the Coastal Zone Management area, would be the
24 lead area as in the Coastal Zone Management and
25 sustainability.

1 Are there anything -- is your office
2 considering amendments to the Coastal Zone
3 Management law --

4 **MS. EVANS:** Commissioner Ohigashi --

5 **COMMISSIONER OHIGASHI:** -- regarding
6 further involvement on coastline?

7 **MS. EVANS:** The legislature made a
8 significant change to Chapter 205A two years ago,
9 not this last session but the previous one, that
10 significantly strengthened the provisions for
11 banning, hardening of shorelines for private
12 property. And it -- we just managed to get the
13 rules through the public outreach process, and the
14 governor has adopted those rules.

15 We're not promulgating and educating the
16 county's planning departments on the effect of those
17 rules, so I think the Coastal Zone Management
18 program is always open to new management measures
19 that will help strengthen the protections for our
20 shoreline and coastal resources, but the legislature
21 hasn't been sleeping. They have been very active in
22 taking a look at that and reassessing what's needed
23 to keep up with climate change and sea level rise,
24 especially, for coastal zone areas.

25 **MS. BASS:** Specifically, that law that

1 Maryalice was referencing is Act 16-2020. And in
2 that same year, that is when the Office of Planning
3 and Sustainable Development's rules and
4 responsibilities were equally changed to expand our
5 ocean resource and coastal work to include sea level
6 rise adaptation coordination in HRS 225M-2(b) via
7 Act 45-2020, so both happened at the same time.

8 **COMMISSIONER OHIGASHI:** So I'm going to
9 tell you the bottom part of my question was -- is
10 whether or not those requirements under the Coastal
11 Zone Management law are something that the -- all
12 these -- we'll have to consider the sustainability
13 issues that you're presenting to us today under this
14 plan.

15 Is that something that the counties have
16 to address within the Coastal Zone Management area?
17 That's what I -- that's -- that's the question.

18 In other words, I know that Maui is a
19 contested case proceeding in front of the Filing
20 Commission. And I'm not aware of whether or not
21 they have to -- within their review of the SMA area,
22 they would be required to address the sustainability
23 issues that have been brought forward in the plan.

24 **MS. EVANS:** Commissioner --

25 **COMMISSIONER OHIGASHI:** I understand that

1 -- that's my question. I'm just trying --

2 **MS. EVANS:** I'm going to try to answer
3 that, although you may not appreciate the answer.

4 **COMMISSIONER OHIGASHI:** I just --

5 **MS. EVANS:** The Coastal Zone Management
6 Program is a partnership between the federal, state,
7 and county governments. And the county governments
8 are bound by the state law, Chapter 205A, and the
9 rules that have been adopted by the governor to
10 implement those new changes, but the counties
11 themselves can adopt ordinances and apply their own
12 process to implementing that state law.

13 So there are differences between the
14 counties in how they approach that. Maui County is
15 actually one of the more -- in terms of their
16 ordinances, one of the more assertive counties in
17 implementing the Coastal Zone Management law. But
18 in terms of very specific issues -- and we are aware
19 of one that's coming from Maui County -- that
20 becomes a -- you know, was the -- was both the state
21 law and rules and the county ordinances --
22 implementing ordinances followed, and that's a
23 decision that the county needs to make.

24 **COMMISSIONER OHIGASHI:** Yeah, I'm not
25 worried about that. All -- or that part. I'm just

1 curious as to whether or not -- for example, like
2 following up on my previous question where you want
3 a sustainability analysis within -- on projects in
4 front of Land Use Commission, and I don't think it's
5 in the special use permits review that we do.

6 I'm just curious whether that
7 sustainability analysis would mean that CZM and SMA
8 review area -- and that's what my question was.

9 **MS. EVANS:** When the Office of Planning
10 and Sustainable Development gets a request for
11 comments on a project that falls under the Shoreline
12 Management Area or the CZM area, which is the whole
13 state, we do comment on sustainability of the
14 proposal, and we comment on the climate change
15 impact at the proposal.

16 **COMMISSIONER OHIGASHI:** But that's only if
17 you get a -- does the law mandate agency --

18 **MS. EVANS:** No. The law does not.

19 **COMMISSIONER OHIGASHI:** -- an agency such
20 as the Land Use Commission, the bank commissions,
21 and the various agencies to take the sustainability
22 plan into account when making its determination?

23 **MS. EVANS:** I think the implementation is
24 through the 150 laws and the strategic plans that
25 the 2050 plan is, I think, incredibly helpful in

1 listing. I think this is the first time that all of
2 those statutory requirements and strategic plans
3 have been shown in one place to show how thoroughly
4 and aggressively the Office of Planning and
5 Sustainable Development, the legislature, and our
6 state agencies, have worked to incorporate
7 sustainability into our future going forward.

8 Danielle, would you like to expand on
9 that?

10 **CHAIRMAN SCHEUER:** I also want to give the
11 opportunity for other commissioners' questions, so -
12 -

13 **MS. EVANS:** Sorry. Sorry, Chair.

14 **CHAIRMAN SCHEUER:** Danielle?

15 **MS. BASS:** No. No, Maryalice. You
16 summarized it very well, and we'll move on to the
17 next question. Thank you.

18 **CHAIRMAN SCHEUER:** Okay. I'm going to
19 recognize Executive Officer Orodenker, then
20 Commissioner Cabral. Or did you inadvertently raise
21 your hand again, Dan?

22 Oh, we need to get you back into the
23 office. Damn this Omicron. Okay.

24 Commissioner Cabral followed by
25 Commissioner Giovanni.

1 **COMMISSIONER CABRAL:** Yeah, thank you.

2 And yeah, Danielle and Maryalice, I mean,
3 unbelievably fantastic report, and it's great
4 because you truly have listed -- I can't even think
5 of what you might have missed here.

6 But I got to tell you because I'm in Hilo,
7 and you don't know what I do, but I manage
8 properties, and I have for 40 years, so I'm sort of
9 in the trenches of a lot of the things you made
10 comments of. Particularly, I have a lot of opinions
11 about affordable housing and why we have problems
12 there. And a huge number of that problem involves
13 the government.

14 A lot of it involves the government, and
15 then also status quo. I got to tell you it's -- I -
16 - a whole lot more effort's going to have to go into
17 it beyond one staff member. I mean, Danielle,
18 you're fantastic, but unless we've got an army of
19 about a thousand of you out there and we have a
20 committed legislature and a committed population, I
21 don't even have a question except to question the
22 entire, you know, sort of, talk's cheap, and one
23 employee is cheap compared to what it's going to
24 take.

25 And I see it in my buildings. I would

1 much rather not recycle my air conditioners now
2 every 12 years. The old ones used to last. I'm
3 talking half-a-million-dollar air conditioners, not
4 small rubbish. And instead, the old stuff used to
5 last me 20, 30 years.

6 Now, every 12 years I get to buy a new
7 one. They last half as long, but they cost me twice
8 as much. And it's because we're buying cheap steel
9 from China, thank you, and so there's so -- it's
10 such a huge problem. And I think about the ability
11 -- and I manage condominiums. Everybody wants me to
12 put in those, you know, charging stations, but every
13 single stall's assigned to somebody. What do I do,
14 you know?

15 You've got huge obstacles, I mean. And
16 until lots of things are willing to give in,
17 including -- so I think a lot of it -- and I didn't
18 really hear it in there, but I think the government,
19 if we're going to get serious, is going to have to -
20 - so maybe that would be my -- not a question, but
21 adding in that you've got to give tax incentive to
22 developers, tax incentive to property managers, to
23 condominiums, to building owners and stuff to make
24 those changes.

25 And I mean, I've done -- I think I've

1 probably put in more (indiscernible) in Hilo than
2 anybody except for the University of Hawaii at Hilo.
3 I've got all kinds of it, and it's been fantastic,
4 especially when I had net metering, yes, but they
5 don't have net metering now, so we got to look at
6 the system. And a lot of people are going to have
7 to give up on the old ways and the old money and the
8 old everything else, and you've got to get the --

9 Part of what I would recommend, too, is
10 have some kind of a campaign, a newspaper -- you've
11 got to get the citizens enraged about this in some
12 way, shape, or form, so that they either force their
13 legislators to be willing to prioritize some of this
14 money and give up on some of the tax money, et
15 cetera, and change some of the focus of what we're
16 doing, or -- or you know, elect new people.

17 I don't see anything happening, very
18 little. God bless you. I mean, we're already doing
19 a little bit. The list is long, though, because I
20 live it. I'm over here, and I would love to do
21 everything the right way, but it ends up I don't
22 have a lot of choices sometimes.

23 I wish I had a question. I just have
24 complete worry, so God bless you. Good luck.

25 **COMMISSIONER SCHUER:** Any responses to

1 Commissioner Cabral?

2 **MS. BASS:** Yes. Thank you, Commissioner
3 Cabral. Mahalo for your support, again. And you
4 know, if -- we have a budget briefing before the
5 legislature later today and tomorrow regarding our
6 budget proposal to staff up the Statewide
7 Sustainability Branch, and you know, bless your
8 heart, I would just love to take what you said and
9 just testify to that, so --

10 But you know, it -- on the terms of
11 transition, absolutely, I hear you, and we -- you
12 know, the only way to, you know, get a positive
13 transition, and have the public turn so rapidly in
14 the next eight years is through tax credits and
15 various incentives. And so you know, we're seeing
16 that in policy discussions, and definitely the
17 branch and the Office of Planning and Sustainable
18 Development strongly support incentivization
19 programs.

20 There's one in terms -- you know, of
21 course, with renewable energy opportunities and
22 energy efficiency opportunities, but also through
23 greenhouse gas sequestration where we want to
24 incentivize even our farmers to sequester greenhouse
25 gases through their day-to-day business operations

1 and provide those incentives.

2 So the way to get there is definitely
3 through government incentivization, and our office
4 strongly supports that. And we will continue to
5 testify to that effect.

6 In terms of just the development of the
7 branch, we really wanted to just use 2050 as a quick
8 baseline so that we can finally have a
9 Sustainability and Climate Strategic Action Plan.
10 There's more planning to be done, yes; however, this
11 is a good launching point. We have eight years. We
12 have a collective target. We have an area to strive
13 to between now and 2030.

14 And really, how I look at it is just
15 continue to build capacity and through the
16 tremendous amount of work, not only the Office of
17 Planning and Sustainable Development has, but this
18 branch, we can just continue to build and build and
19 build so that by 2030, when we hit these targets and
20 laws, as well as the update of this plan, hopefully,
21 we've achieved a good -- a good amount of these
22 priorities from the state as well as from our own
23 office and this plan, so thank you again.

24 **COMMISSIONER CABRAL:** And you know, too,
25 then maybe there's more ways, especially -- I'm not

1 a -- I'm old, so I'm not into social media things,
2 but there might be things, you know -- a way that
3 you could get more citizens to get a hold of their
4 legislature. You got to package it. You got to
5 spoon feed me, and I will respond and contact my
6 people if you spoon feed me to how to get in touch
7 with them, what their connection is, and what to
8 refer to, you know.

9 I mean, getting a hold of them and saying,
10 "Oh, make our environment nicer," you know, doesn't
11 really tell them what to do. So there's a whole
12 other branch of how to make this happen, but God
13 bless you all. Thank you.

14 **MS. BASS:** I think I mentioned that's a
15 part of our transition as OPSD. As we've learned
16 very rapidly with all of this extra responsibility
17 on climate change, sustainability, sea level rise,
18 we need to communicate a lot more, and so this
19 office full of planners, we're now kind of double-
20 heading now and working on, you know, learning how
21 we can be better communicators.

22 And you know, through social media, we
23 have our E-newsletter, and we're really trying, but
24 we're not communication professionals either nor do
25 we employ a PAO. So you know, it's something that

1 I, you know -- Maryalice can agree -- I'm sure
2 she'll agree to this, that it's something I've taken
3 on in this role to really continue that
4 communication outreach and expand that.

5 And I think, you know, when I think about
6 all of the other partnering programs within our
7 office, it's something that we're all really just
8 transitioning towards and, you know, pivoting on
9 right now.

10 **COMMISSIONER CABRAL:** Okay. Good luck.

11 **CHAIRMAN SCHEUER:** Thank you,
12 Commissioner.

13 Thank you, Danielle.

14 Commissioner Giovanni followed by
15 Commissioner Okuda.

16 **COMMISSIONER GIOVANNI:** Thank you, Chair.

17 So first of all, I'd like to caution you
18 that -- not to take my comments that I'm about to
19 make too personally, because in general, I'm very
20 much appreciative of the effort you've put forth and
21 recognize that you are operating as a one-person
22 department or branch, and you've done amazing work.

23 So I concur with my fellow commissioners
24 in their compliments for the work that you've done
25 to date, and I very much appreciate the passion and

1 the personal effort that you've brought to the job.
2 Thank God you found some budget money for ICF to
3 help you on the consulting side, or we wouldn't even
4 be at ground zero yet for this effort.

5 So it's typical, I find, and this is a
6 very personal comment, for starting new initiatives
7 and then not funding them or staffing them
8 appropriately to get things done. And what I find
9 as a consequence of that is that you've done a very
10 good job informationally and in waving the flag, but
11 I'm about specifics, and I'm about measurable
12 accomplishments.

13 And I think that in the absence of you
14 being able to build a staff and commit to doing work
15 on a proactive basis, it's just going to be more
16 flag-waving, and I think that will be a
17 disappointment for me personally and maybe for the
18 state.

19 So I don't want any specific comments. I
20 find that you are correct that in our rules for the
21 Land Use Commission, on a docket-by-docket basis, we
22 have to give consideration to sustainability and
23 climate change and sea level rise, depending on the
24 docket itself.

25 The State Office of Planning and

1 Sustainable Development is a party to virtually
2 every docket and every declaratory petition that
3 comes before us, and for us to have to make a
4 proactive request for OPSD to actually comment on
5 sustainability issues doesn't seem appropriate to
6 me. It ought to be automatic in my mind.

7 So let me explore this request mechanism a
8 little bit further. How is it that -- if we had a
9 docket that came before us that had significant, in
10 my mind, aspects to it that involve sustainability
11 issues, how do we get you to comment on it in a
12 timely basis? What do we need to do today with you
13 as a one-person staff for that to happen? How does
14 it work?

15 **MS. EVANS:** Chair, can I answer -- start
16 that answer?

17 **CHAIRMAN SCHEUER:** Go ahead.

18 **MS. EVANS:** Thank you, Commissioner
19 Giovanni. What the Office of Planning and
20 Sustainable Development does is we collate comments
21 from all the state agencies, the county agencies,
22 and the various programs in the office into one
23 document, and that would be both a statement of
24 position and then testimony on a docket.

25 And so I think starting fairly recently,

1 there is a section on sustainability or sea level
2 rise if the particular petition has a sea level rise
3 component to it. Sustainability is a little harder
4 because it's so broad. But I think you're going to
5 find that we are incorporating that now, that we
6 have set up a system where the petitions are
7 circulated to our staff as well as the other state
8 agencies and the county agencies.

9 So Danielle will have an opportunity to
10 provide input when she has the time, and that's why
11 we're making a budget request for additional staff
12 that I am hoping that the legislature will consider
13 approving to provide you with that specific kind of
14 input that we want to give you and that you're
15 asking for.

16 **COMMISSIONER GIOVANNI:** So thank you,
17 Maryalice. I am familiar with the general process
18 by which OPSD provides a statement of position and
19 testimony.

20 What I heard this morning in your
21 presentation is that unless Danielle is specifically
22 requested by an agency such as the Land Use
23 Commission to comment, she doesn't have the
24 wherewithal to do that, so it's not happening.

25 And I'm not -- to be honest, I haven't

1 seen it appear in your testimony or your statements
2 of position, a voice on these issues doesn't come
3 regularly. We have to cull them out. So when in
4 the process do we have to cull them out may be a
5 question to our Executive Director.

6 If I see a docket that's coming before us
7 a month from now, do I have to make a request three
8 weeks in advance to make sure that Danielle weighs
9 in on important issues to us? Because for -- just
10 for -- to have it show up in the midst of a hearing
11 is too late -- may be too late.

12 **MS. EVANS:** We'll take your concern and
13 try to figure out how to get that culled out for
14 you.

15 When we get comments from the Department
16 of Health, for instance, DLNR, for instance,
17 sometimes they're not labeled with sustainability,
18 but they address the issues of clean water, clean
19 air, recycling, and composting.

20 What we'll try to do to make that easier
21 to find is to maybe put those under a sustainability
22 category for you. Would that be helpful?

23 **COMMISSIONER GIOVANNI:** That would be
24 helpful.

25 **MS. EVANS:** Okay. Thank you.

1 **COMMISSIONER GIOVANNI:** Yeah. Now I'd
2 like to be a little more positive and a little more
3 constructive for your benefit.

4 I understand you've got a briefing
5 tomorrow with the budget request that you're making.
6 Is there any -- maybe this is a question to our
7 Chair or to our Executive Director. Is there
8 anything formative that this commission can do, even
9 today, to offer -- if we agree and a majority of the
10 commissioners agree, to actually lend a voice of
11 support for the initiative or for the budget request
12 that's going forward? Can we do something like that
13 as a commission today?

14 **MS. EVANS:** I'm going to defer on that to
15 your Chair.

16 **CHAIRMAN SCHEUER:** Yes.

17 **COMMISSIONER GIOVANNI:** I asked it to the
18 Chair.

19 **CHAIRMAN SCHEUER:** Yes. Yes, we can.
20 Absolutely. And actually, this is agendized in a
21 matter that if we wanted to take a vote on some kind
22 of statement, we'd be able to do so today.

23 **COMMISSIONER GIOVANNI:** Could I make a
24 motion to that?

25 **CHAIRMAN SCHEUER:** If it's okay,

1 Commissioner Giovanni, I'd rather have all of the
2 commissioners have a chance to ask questions first
3 before we consider any action?

4 **COMMISSIONER GIOVANNI:** Perfect.

5 **CHAIRMAN SCHEUER:** And I have some of my
6 own.

7 **COMMISSIONER GIOVANNI:** Okay. That sounds
8 fine. I would appreciate that opportunity when the
9 time is right.

10 **CHAIRMAN SCHEUER:** Absolutely.

11 **COMMISSIONER GIOVANNI:** Question for
12 Danielle. So there's a real difference, again,
13 between general strategic goals and specific
14 targets, as I'm sure you know. And if you look at
15 the state's effort to reduce its importation and
16 consumption of fossil fuels, it has acted in
17 demonstratively different ways when it deals with
18 the energy sector and it deals with the
19 transportation sector, both of which, going back ten
20 years, consumed an equal amount of fossil fuels.

21 Now, granted, it's much more difficult
22 within the transportation sector to come up with
23 something specific, but the state policy was
24 transformed into a statute that required specific
25 levels of reductions of -- and conversion to

1 renewable energy, if you will, from fossil fuel
2 energy in the energy sector.

3 But still today, in the transportation
4 sector and even in what you presented to us today,
5 it's like we're going to support the adoption. What
6 the hell is that? That's nothing.

7 Unless we have direct measurable goals and
8 hold people accountable to those goals, it's going
9 to be a slow and long process. So what is your view
10 -- you just heard my view. What is your view to
11 getting something more substantive that can have
12 some more force behind it to -- so that your goals
13 are actually achieved in this state?

14 **MS. BASS:** I appreciate the question,
15 Commissioner Giovanni. Thank you.

16 You know, we are seeing a lot more of the
17 ZEV policies come out. Specifically, there was ZEV,
18 zero emission vehicles. And we saw passage of
19 mandates for the state's leads. That was enacted
20 last year, so of course, those are statutory
21 commitments we need to meet by 2035 and 2030,
22 respectively.

23 And so there was discussion at the
24 legislative level of making a mandate on the public
25 and the general economy to also convert to zero-

1 emission vehicles. Now, that policy discussion did
2 die in the last year. However, from my
3 communication from clean energy advocates, there is
4 discussion of a push for that again. It sounds as
5 if they want to mandate our residents and the
6 members of the public and our counties to abide by a
7 zero-emission vehicle conversion standard.

8 So there will be -- I do anticipate some
9 policy discussion to that effect this coming year.
10 Whether or not it will pass is, of course, up to the
11 will of the legislature.

12 In terms of the market conversion, you
13 know, I am encouraged that, of course, the Biden
14 administration, the federal government has made
15 these mandates on our vehicle companies, developing
16 these new clean fleets. So you're starting to see
17 major commitments by entities like GMC and Ford to
18 have either 100 percent or 80 percent of the
19 vehicles that they produce be clean energy by 2030
20 or 2035 respectively to the company's commitment.

21 So I am encouraged by that market
22 transition, thanks to that federal mandate. It
23 appears, though, that these mandates and, again,
24 incentives -- to Commissioner Cabral's point earlier
25 -- is going to be necessary so that we get to this

1 pivot and we do make these transitions necessary by
2 2030.

3 And yes, you are absolutely right. Those
4 commitments in our transportation sector are
5 lacking. And we have seen a strong history in terms
6 of the energy sector, specific to energy efficiency
7 and consumption, being very, very, you know, robust
8 in the state of Hawaii for the last decade, decade
9 and a half. And so now we're seeing very much that
10 pivot focally here to focus on that transportation
11 sector to your point.

12 **COMMISSIONER GIOVANNI:** Are you familiar
13 with what might be happening in terms of taxation
14 that might play into moving the energy -- the
15 transportation sector forward? I know that there
16 was some work being done to evaluate a shift in tax
17 policy from gasoline tax to road tax that would some
18 way indirectly foster the adoption. Is that an area
19 in which your branch gets involved in dealing with
20 those tax studies or issues?

21 **MS. BASS:** Yes. To a certain extent, we
22 do testify on those matters before the legislature
23 when there are tax proposals. There were some
24 discussions of carbon taxes, for instance, and our
25 office was very vocal in that my branch -- this

1 branch was very vocal on that since we did publish a
2 carbon offset feasibility study for the state to
3 review and did, in that study, explore a small
4 potential of carbon tax. Although, the Energy
5 Office has since published a separate study on
6 carbon taxation.

7 To that point, you know, we -- our -- the
8 barrel tax is serving for the state of Hawaii as a
9 carbon tax, specifically to vehicles. And when we
10 do have that conversation with policy makers,
11 specifically, the energy and environmental policy
12 makers within the legislature, they do make
13 statements that the barrel tax is serving as an
14 informal carbon tax.

15 There are pushes and requests from members
16 of the public to expand that because there are
17 exemptions to that barrel tax, so yes.

18 In terms of, you know, policy discussions
19 before the legislature, our branch or our office
20 definitely does weigh in and provide, you know,
21 information that can help support the legislature
22 make their decisions as well as certain positions on
23 trajectory, so that we can meet the targets codified
24 by the legislature.

25 **COMMISSIONER GIOVANNI:** Let me shift gears

1 just a little bit. It's still talking about state
2 agencies. You know, the Public Utility Commission
3 was instrumental in moving forward energy policy to
4 become renewable energy policy.

5 What is your relationship in working with
6 the Public Utility Commission?

7 **MS. EVANS:** Actually, we do work with them
8 closely on areas where they asked for our help. One
9 of those areas is on the proposal before the PUC to
10 repower and expand the geothermal plant on Hawaii
11 Island, and we are aware that you have an IAL
12 project proposal for Kauai that does -- that has
13 been deferred because of the need to discuss how
14 KIUC's renewable energy goals will interact with
15 that.

16 As you know, Commissioner, the PUC has a
17 contested case here in process like the Land Use
18 Commission, so the -- it's a very structured
19 decision-making process, and we do help out, but
20 usually not through the docket process.

21 We did find Leo Asuncion was our director,
22 and now he's a PUC commissioner, so we do have, you
23 know, that opportunity sometimes to provide
24 supportive help, but it isn't a direct -- we're not
25 a mandatory party in the case of the PUC. We are a

1 -- we can be an intervenor when the issues before
2 the PUC are ones that are important for sustainable
3 development.

4 **COMMISSIONER GIOVANNI:** Other than
5 contested case hearings that are driven by the PUC,
6 do you work with the PUC on any other formative
7 matters?

8 **MS. EVANS:** Not as -- not as a constant or
9 regular thing, but on a case-by-case basis.

10 **COMMISSIONER GIOVANNI:** When requested --

11 **MS. EVANS:** When -- yeah.

12 **COMMISSIONER GIOVANNI:** Okay. I'll leave
13 it there. Thank you. Thank you very much.

14 And thank you, Danielle, for your hard
15 work. I appreciate it very much.

16 **CHAIRMAN SCHEUER:** Thank you, Commissioner
17 Giovanni.

18 Commissioner Okuda?

19 **COMMISSIONER OKUDA:** Thank you very much,
20 Mr. Chair.

21 And Ms. Bass, I echo everybody's
22 compliments on your work. If I can just ask an
23 administerial question. Can you provide us, with
24 the approval of your Director, that list of land use
25 recommendations? Because I might want to use it as

1 a cheat sheet in future cases to make sure I
2 personally remember some of the things that you
3 pointed out. So if I can make that request, if it's
4 okay with your branch and your division.

5 But I have a follow-up question or a
6 question which follows up what the line of questions
7 that Commissioner Giovanni was asking, and it's also
8 informed by what happened at the last hearing
9 regarding the Keaau High School. And maybe this is
10 better directed at the Director.

11 You know, I heard you say that the office
12 oftentimes act as a collator of information being
13 provided by other departments. My question is
14 basically this. Is your office, number one, the
15 watchdog; number two, the collator; or number three,
16 the watchdog only if we ask you to be the watchdog?

17 And when I say "watchdog," I mean watchdog
18 of the statutes, the public policy as stated in the
19 different plans, and the watchdog of whether or not
20 other state agencies are frankly telling us the
21 truth.

22 **MS. EVANS:** Commissioner, I would say,
23 first of all, we do more than collate. We look at
24 the input from the other state agencies and county
25 agencies, and if it's not consistent with what our

1 statute and your statute requires, we don't just,
2 you know, cut and paste it into our position
3 statement and testimony. So to that extent, I think
4 I would say I believe we fit more your watchdog one.

5 Now, in terms of determining if an input
6 from a state agency is true or not, we don't have
7 the capacity to act as an independent investigative
8 entity. We're planners, and that -- you know, kind
9 of a, you know -- that sort of -- we do try to do
10 ground truthing for projects to, you know -- in
11 other words, we're not just accepting what we're
12 told, but we don't have the capacity to ensure that
13 what a state agency is providing us is completely
14 accurate in all respects. So I'd have to limit
15 that.

16 We have a limited capacity, too. We --
17 you know, not -- not staffed up for the level that
18 you might hope for.

19 **COMMISSIONER OKUDA:** Yeah. And I don't
20 want to go over things that have already been
21 covered and decided by the commission. But I'd just
22 like to say I think the watchdog function is really
23 important.

24 And I'm not personally suggesting any type
25 of, you know, additional investigation or anything

1 like that, but at minimum, the watchdog function
2 should include watching over and evaluating what is
3 actually filed and included in the public document
4 and -- public record, rather, or the public docket.

5 And if issues are shown there where
6 there's contradictory or perhaps less-than-credible
7 filings by a state agency, you know, we on the
8 commission shouldn't be functioning as the public
9 prosecutor. You know, I would hope that the lawyers
10 that represent the Office of State Planning -- in
11 fact, all the lawyers involved in the proceeding
12 actually point out these types of issues.

13 But in any event, that's maybe more of a
14 comment, and thank you for the clarification about
15 the watchdog and the collator, and I'm glad it's
16 more than just being a collator.

17 May I ask this to Ms. Bass as far as this.
18 Ms. Bass, I listened to you talk about gender equity
19 and things like that. Can I ask your comment on
20 this, where do you think the issue of early
21 childhood education falls within sustainability
22 goals?

23 **MS. BASS:** Thank you, Commissioner Okuda.
24 In terms of early childhood education, while the
25 state of Hawaii has not formally adopted that

1 initiative as potential sustainability or climate
2 target, this is when I would encourage the use of
3 the United Nations 17 sustainable development goals
4 as that framework.

5 And so the United Nations, when they
6 adopted those 17 sustainable development goals for a
7 more robust, better sustainable future by 2030,
8 there is a specific goal for quality education. And
9 that's included in our state -- in our plan.

10 And so I would qualify that particular
11 initiative to be kind of placed in that goal, if you
12 will, using that United Nations sustainable
13 development goals framework, so to provide quality
14 education to ensure that our public are well
15 educated and informed for that better sustainable --
16 that better tomorrow, if you will. So the United
17 Nations has been very vocal about that.

18 **COMMISSIONER OKUDA:** And related to that,
19 can you comment on what place or role does providing
20 early childhood education or childhood care play
21 with respect to sustainability?

22 **MS. BASS:** Yes. So in terms of
23 sustainability, when you're thinking of that very
24 large word, you want to achieve three basic pillars
25 -- a balance of three pillars. So that is the

1 environment, the economy, as well as the social
2 equity of the -- of the society.

3 And so when you're thinking about the
4 social equity pillar in sustainability, that's where
5 I would qualify that. And of course, you wouldn't -
6 - you know, we aren't thinking about early childhood
7 education and the provision for childcare to
8 alleviate a specific gender, predominantly women,
9 when we're thinking of that.

10 If we're not alleviating them from that
11 additional stresses, we're not getting that gender
12 equity. And so that would translate into the social
13 equity pillar of the basic fundamental of
14 sustainability.

15 **COMMISSIONER OKUDA:** And I hope this is my
16 final question, which is a follow-up on one of the
17 themes that Commissioner Giovanni was raising. And
18 I hate to keep harkening back to Keaau High School,
19 but you know, that's kind of like in my recent
20 thoughts.

21 How do you get the state bureaucracy, or
22 these other bureaucrats, to actually even comply
23 with not only sustainability goals but just the law?
24 I mean, you know, it gets to be a little bit
25 disheartening when it seems like no matter what an

1 agency rules or says or what statutes the
2 legislature points out or, frankly, how much
3 everybody screams and shouts, you know, we're going
4 to be termed out, and we ain't going to be around in
5 the future, but these bureaucrats are going to stay
6 there.

7 And so it's almost like what do we have to
8 do to get these entrenched bureaucrats, you know,
9 where we could even make editorial comment. Maybe
10 that money should be put into classroom teaching and
11 not these bureaucrats, but what do we have to do to
12 get people to follow or implement these goals which
13 the law makers are saying, you know, must be
14 implemented? What do we have to do?

15 **MS. BASS:** Yes. I very much appreciate
16 that question, and I get that question a lot.

17 I will first and foremost say that I have
18 zero enforcement power as the State Sustainability
19 Coordinator, and the branch was not provided
20 enforcement authorities over any of the
21 sustainability and climate targets codified by the
22 state legislature.

23 To that end, we do have these mandates.
24 And so in the development of this position and the
25 branch and the roles of the branch in the Office of

1 Planning and Sustainable Development, thankfully, we
2 are a centralized agency.

3 Thankfully, we are allowed, you know -- we
4 are empowered with collaboration, and we are
5 empowered with mandates for state agencies to
6 cooperate with our office, so that's all within the
7 far more fundamental laws of the Office of Planning
8 and Sustainable Development, and I think that that
9 is something strategic and beneficial to the State
10 Sustainability Branch to use that right now.

11 And to that point, you know, in that
12 coordination, in that statewide cooperation, we can
13 work with those state agencies, albeit, there are
14 problems. The statutory sustainability mandate to
15 divert and recycle waste 50 percent by the year 2000
16 is troublesome, right? And there was -- there is --
17 there's questionable enforcement of that.

18 And you know, the Department of Health is
19 primarily entrusted with that work; however, there
20 are -- what is beneficial here -- and I think that
21 that's where we can begin by communicating, by
22 outreach, and by just engagement to let our state
23 and county partners know that this branch exists,
24 number one, and is, two, charged with the laws, that
25 we need to make sure that we are making progress

1 towards these statutory laws. That's codified
2 within the branch's establishment.

3 Secondly, it's that coordination and
4 cooperation. So when we're engaging with entities
5 like the Department of Education on whether or not
6 they can achieve 30 percent local food procurement
7 by the year 2030, that is something, you know. Just
8 -- just having a voice and a position dedicated by
9 the state of Hawaii in this role to consistently,
10 through the turnover of various leaderships, and
11 transitions due to retirement, to just have that one
12 piece of stability through this job to tell that
13 department, "Are you aware that by 2030, you need to
14 hit this 30 percent local food procurement goal?"

15 You know, in terms -- when we're thinking
16 of --

17 **CHAIRMAN SCHEUER:** All right. Sorry.

18 **MS. BASS:** Yes. Go ahead.

19 **CHAIRMAN SCHEUER:** We're at another hour
20 mark, so summarize your response.

21 **MS. BASS:** I think that engagement,
22 though, is very beneficial. And the enforcement,
23 I'm starting to see, lies at the legislative level
24 where they start asking for that accountability with
25 those departments and agencies, which are required,

1 to achieve these goals. For instance, UH to be zero
2 -- or net zero energy by 2035. There are reporting
3 requirements to the legislature on that.

4 So there is some enforcement and there is
5 accountability to that. Right now, it's
6 predominantly directed to the legislature. There
7 are no enforcement powers to this branch.

8 **COMMISSIONER OKUDA:** Thank you very much
9 for your testimony and your answer. You have
10 actually answered a question that I asked at the
11 Mauna Kea hearing to my friends who oppose the
12 telescopes, which was whether or not you support the
13 telescope or not.

14 The question really is, what do we have to
15 do to keep our kids in Hawaii because they're
16 leaving because they feel there's no future. Okay.
17 Thank you.

18 **CHAIRMAN SCHEUER:** Thank you very much,
19 Commissioner Okuda.

20 Commissioner Giovanni, were you raising
21 your hand in order to sort of make a motion?

22 **COMMISSIONER GIOVANNI:** No. I have a
23 follow-up question, but I can take it if you --
24 later if you want to recess.

25 **CHAIRMAN SCHEUER:** I think we need a

1 recess with the indulgence of the Commission. I
2 know I just had a couple quick follow-up questions
3 related -- started with your line of questioning,
4 Commissioner Giovanni.

5 And I don't know if, Commissioner Aczon,
6 you had anything you wanted to ask?

7 **COMMISSIONER ACZON:** No.

8 **CHAIRMAN SCHEUER:** So with the
9 Commission's indulgence, it's 11:18. Let's
10 reconvene at 11:28, and then we'll -- my goal is to
11 wrap up by noon. Ten-minute recess.

12 **(Recess taken from 11:18 to 11:28 a.m.)**

13 **CHAIRMAN SCHEUER:** We're back on the
14 record.

15 Commissioner Giovanni?

16 **COMMISSIONER GIOVANNI:** Thank you, Chair.

17 I beg the indulgence of everyone, but this
18 matter is pretty important to me, and I appreciate
19 the additional time we might spend on it, but here I
20 go.

21 So first of all, Ms. Bass, let me put
22 forth an inference I've drawn, and you tell me if
23 I'm correct. And if I'm not, would you please
24 correct me. And it has to do with the funding that
25 you received that enabled you to hire a consultant.

1 My assumption is that that was funds that
2 were discretionary within the Office of Planning and
3 not necessarily a line-item budget issue, is that
4 correct?

5 **MS. BASS:** Those funds were appropriated
6 by the passage of Act 146-2019 as a separate
7 appropriation, not included as a line item to the
8 budget. And the funds were -- that were
9 appropriated by the state legislature were \$150,000.

10 **COMMISSIONER GIOVANNI:** So have you used
11 all those funds?

12 **MS. BASS:** Yes, I did. We did receive an
13 administrative holdback as well. And I must say I'm
14 very thankful to Maryalice as the Director, because
15 due to that administrative holdback, it would
16 actually bring the 150 down to about 135. So this
17 is a very low cost for a very comprehensive ten-year
18 strategic action plan.

19 150 was low, so what Maryalice did was she
20 dipped into the Office of Planning's budget to
21 provide me with the additional 15,000. We did
22 appropriate all of the money, and in fact, I do
23 believe that the contractor went above and beyond
24 the amount that was requested and provided by the
25 Office of Planning.

1 **COMMISSIONER GIOVANNI:** So in your
2 forthcoming budget request, are you requesting any
3 additional dollars for outside support or just the
4 funding for the positions?

5 **MS. BASS:** In our budget request, what was
6 approved by the governor in the administrative
7 budget is four positions, one sustainable land use
8 planner -- excuse me -- two sustainability and
9 climate specialists, which will be exempt positions,
10 and one greenhouse gas sequestration specialist.
11 And there were no additional budget requests
12 approved in the administrative budget beyond that.

13 **COMMISSIONER GIOVANNI:** Okay. Thanks for
14 that clarification.

15 **MS. BASS:** We would certainly welcome
16 additional funding, if provided, by the legislature.

17 **COMMISSIONER GIOVANNI:** Did you ask for it
18 and it was refused by the budget -- by the
19 governor's office?

20 **MS. EVANS:** Commissioner, no, the budget
21 guidelines that -- which come out in August every
22 year from the governor's office, produced by the
23 Department of Budget and Finance -- as you remember,
24 in August, that was the peak of the Delta surge, and
25 Budget and Finance was being very cautious in what

1 they would allow us to request.

2 However, by November, the tax collections
3 look more favorable, and we were absolutely
4 appreciative that the four positions were included
5 in the governor's budget request.

6 **COMMISSIONER GIOVANNI:** So that was a yes
7 or no question, and I take your answer as a no, you
8 did not request additional dollars, only the
9 positions, in November.

10 **MS. EVANS:** Correct.

11 **COMMISSIONER GIOVANNI:** So I want to
12 follow up on Commissioner Okuda's line of
13 questioning. You know, we get involved in these --
14 as a state, in these processes. It starts with the
15 flag waving, and then it goes on to policies, and
16 then maybe we get some statues that might turn into
17 rules and orders and conditions by various means.

18 At the end of the pipeline is
19 accountability and enforcement, and we fail
20 miserably often in terms of accountability and
21 enforcement. So I only have a comment to you.

22 I see that you're kind of at the front end
23 of this process currently. We operate at the back
24 end of it and are very frustrated about the lack of
25 ability, of accountability, and enforcement for

1 ironclad conditions that this commission puts forth.

2 So think about that accountability and
3 enforcement aspect of this process, even now as you
4 are at the front end, on a going-forward basis.

5 That's a comment, not a question.

6 Chair, I have a question, and I'll leave
7 it up to you whether it redirected back to the
8 Office of Planning or to our director. I asked the
9 question earlier about the process, the process
10 involved in making a request. It was very clearly
11 stated by Ms. Bass and repeated by Maryalice that
12 unless they are requested to comment on the aspects
13 of sustainability for a particular docket, whether
14 it be for our commission or other agencies within
15 the state, they don't have the capacity to do it.

16 So my question was, how do we make that
17 request process-wise? Does our director understand
18 whether there's a process that by which we can
19 implement that? I know of many dockets that I would
20 like to have Ms. Bass comment upon, even briefly,
21 but it's just not happening. So how do we make that
22 happen?

23 **CHAIRMAN SCHEUER:** Thank you. I'd like
24 first for Mr. Orodenger to respond.

25 **MR. ORODENKER:** We -- from our end, we

1 have -- staff has requested or had discussions with
2 OPSP with regard to having a sustainability
3 coordinator at least view all of the petitions that
4 are put in front of us, to see if there is a
5 sustainability issue, and to comment.

6 If there are specific concerns that a
7 commissioner has that he or she wants to make sure
8 that the Sustainability Coordinator addresses, we
9 can communicate with OPSP and the Sustainability
10 Coordinator with regard to that question.

11 **COMMISSIONER GIOVANNI:** So I take it that
12 if a petition comes forward and we as a commissioner
13 review that, and we have questions, then the process
14 is that we would go to you and your staff, Dan, to
15 make that known to you, and then you could follow up
16 with Ms. Bass or whomever to get a response.

17 **MR. ORODENKER:** That is correct.

18 **COMMISSIONER GIOVANNI:** That's what you're
19 saying?

20 **MR. ORODENKER:** Yeah. I mean, generally,
21 we're assuming, given what our discussions have been
22 with OP, that the Sustainability Coordinator is
23 reviewing the documents that have some kind of
24 sustainability issue. But if your commissioner sees
25 something that we don't, then we'll make a specific

1 request.

2 **COMMISSIONER GIOVANNI:** Well, let me also
3 suggest that, you know, it is in our rules that we
4 have to give it consideration on every docket. So
5 even a statement by Ms. Bass or the Office of
6 Planning that they see no issue, no sustainability
7 issues, having something like that on the record
8 would be of value to the commission on a docket-by-
9 docket basis, I would think.

10 **MR. ORODENKER:** Agreed, Commissioner. The
11 provision in our rules is aimed at petitioners. In
12 other words, they have the burden of showing that --
13 or of addressing those issues. If they do, then how
14 will you see the Sustainability Coordinator is
15 automatically involved with reviewing that
16 statement?

17 We would hope that if OPSC finds that
18 whatever representations are made by the petitioner
19 are valid or that they're representations that there
20 are no sustainability or climate change issues is
21 valid, that they would agree, they were making an
22 affirmative statement in their position statement
23 with regard to that.

24 **COMMISSIONER GIOVANNI:** I'm just worried
25 about the case where the petitioner ignores it, and

1 then it's up to the commission to draw it out, and
2 yet, we have not had a proactive response from the
3 OP.

4 **MR. ORODENKER:** Yeah. Yeah, I understand
5 what you're saying, Commissioner.

6 **CHAIRMAN SCHEUER:** Okay. Commissioner?

7 **COMMISSIONER GIOVANNI:** That's all I have.

8 **CHAIRMAN SCHEUER:** Thank you, Commissioner
9 Giovanni.

10 Commissioner Ohigashi followed by Cabral
11 followed by the Chair.

12 **COMMISSIONER OHIGASHI:** Just following up
13 on what Commissioner Giovanni indicated and what I
14 was getting at in the beginning.

15 It seems to me that -- I'm going to use
16 this example. It seems to me like the County of
17 Maui, for example, has a special use permit for
18 land. And they want to expand it, so they want to
19 come in for an amendment to the special use permit.
20 Not on (audio disruption) but an amendment to the
21 special use permit.

22 Now, we just heard from Ms. Bass about the
23 problems with expanding with landfills of the
24 methane gas coming out of it. Any cause of methane
25 -- of climate change or being cause of climate

1 change, so what I'm trying -- what I'm trying to get
2 at is shouldn't we be response -- shouldn't there be
3 a sustainability -- a requirement for even these
4 amendments to the special use permits?

5 And if the county does not address it,
6 shouldn't OP point it out that they should be
7 addressing whether or not an expansion of their plan
8 to mitigate the expansion of the landfill? It
9 causes these greenhouse gases. Is there going to be
10 a discussion of how we mitigate that issue?

11 And we -- we haven't had that discussion
12 at all with regard to any of these amendments or any
13 other kind of -- or any other kind of -- with regard
14 to the specific area, I mean, with regard to
15 landfills.

16 So I'm -- I'm just concerned of how do we
17 put into effect a requirement that even these
18 amendments, and the county even hears these things
19 before us, are required to address these issues.
20 That goes back to my original statements.

21 **CHAIRMAN SCHEUER:** Thank you, Commissioner
22 Ohigashi.

23 Director Evans?

24 **MS. EVANS:** In response to Commissioner
25 Ohigashi's concern, we will try to add that to our

1 position statement and testimony so that you -- I
2 would -- my own personal thought is that's one of
3 the factors that the Land Use Commission would be
4 considering, and so there would be other factors as
5 well.

6 So I would leave it to the wisdom of the
7 Land Use Commission collectively to weigh those
8 various factors of which sustainability is, in our
9 view, a very important one, but maybe not the only
10 one.

11 **CHAIRMAN SCHEUER:** Thank you, Director
12 Evans.

13 Commissioner Cabral?

14 **COMMISSIONER CABRAL:** Thank you, everyone.
15 I hate to say it, we're beginning to sound like one
16 of those bureaucratic groups that we all agree on
17 that we're going to talk it to death now.

18 To try to bring it to a conclusion, which
19 I have two things, and I'm wondering if it's
20 appropriate, one, that we make some kind of a
21 motion, even if it's just words, because it doesn't
22 have any power, per se. That would help support the
23 sustainability efforts in that we, the Land Use
24 Commission, move to -- and I don't know the right
25 language. I look for my wonderful lawyer

1 commissioners here to be the right language or the
2 staff where we can at least give you one more little
3 check-check in your box that somebody supports your
4 long list of efforts in that.

5 And then, too, the second thing is that's
6 still just talk unless we as Land Use -- and I
7 think, again, as Office of Planning and Sustainable
8 Development, we need to make sure we have those
9 little checks on the presentation that comes to us
10 that I -- we had somebody just say a question that
11 said, can't we have that be something that the state
12 office needs to be able to say that these matters
13 have an impact or no impact, and they need to be
14 addressed somewhat like an environmental impact
15 statement.

16 I think that's an excellent idea, so I'd
17 like to have all of this morning's talk result in
18 some kind of a plan for action that becomes -- I
19 know it's more work on staff, and it's more work on
20 everybody, but I think all the commissioners are
21 agreeing, it's just we got to step outside the old
22 pattern and do something different.

23 So Ms. Danielle -- Ms. -- Danielle, Ms.
24 Bass, would it help if we were to make some kind of
25 a motion as a group here to support your efforts at

1 this point in time? Does that carry -- help you
2 with going to the legislature or to other groups or
3 something when you're looking for support? Would
4 that help you in any way that we could take action
5 today?

6 **MS. EVANS:** We would never turn down
7 support from the Land Use Commission. We provided
8 for your support.

9 **COMMISSIONER CABRAL:** Okay. Okay. Then I
10 look towards our wonderful Chair or our Executive
11 Director for the -- what might be the best kind of
12 language. I don't want to get us into some kind of
13 a catch-22 either where we've done something that
14 somebody turns around, you know, all these tricky
15 lawyers out there. Not in our group but out there.

16 But any comments from Jonathan maybe or
17 Dan on what we can do?

18 **CHAIRMAN SCHEUER:** So Commissioner Cabral,
19 thank you very much for that sentiment. I had
20 indicated earlier in our discussion I was going to
21 make a space for First Vice-Chair Giovanni to offer
22 a motion at the conclusion of our discussion, so I
23 will do that. And then everybody will have a
24 chance, including you, to weigh in on what
25 sentiments we might express.

1 **COMMISSIONER CABRAL:** Okay.

2 **CHAIRMAN SCHEUER:** I have a series of
3 things that are really less questions -- I apologize
4 -- and more observations that come out of this
5 discussion, a few things, and not necessarily in
6 order of importance. I will slightly pick on Ms.
7 Bass for the use of the word "brain drain." It is a
8 pet peeve of mine for a few reasons, and I would
9 like for us to strike it from our thinking.

10 First of all, I'm like super grateful that
11 people like Nancy Cabral and Dan Giovanni moved to
12 Hawaii. When we talk about brain drain, we forget
13 to talk about how much we've gained from the people
14 who've come here. It also sort of says to those of
15 us who were born and raised here and stayed like,
16 "so what? You're saying we're stupid, all the smart
17 one's laugh."

18 In addition, I think like, you know what?
19 I'm very glad Barack Obama graduated from Punahou,
20 left, and never turned back. What would he be?
21 Senior Vice-President of Bank of Hawaii?

22 You know, Ellison Onizuka, Bruno Mars.
23 You know what? I don't begrudge some of our best
24 and finest going out and impacting the entire world.
25 We want to have a place where local kids, including

1 my own son, has a chance to be here. I get that.

2 But I want us to strike -- and it's --
3 people with intellectual smarts are no more the
4 people that we want to retain than, I think, other
5 folks with other different skills. So I just want
6 to strike that from our collective vocabulary. I
7 think we need to think more thoughtfully about what
8 it is that we're trying to do with our local kids.

9 Now, to move more substantively. And I'll
10 preface this set of remarks with real admiration to
11 Director Evans for the leadership you've shown for
12 the Office of Planning and acknowledgement that you
13 are overtasked and under-resourced, and you have a
14 tremendous job. But I will say that in recent
15 dockets over the last year or so, I have been sorely
16 disappointed with the representation that OPSD has
17 given to -- in front of the LUC on various dockets.

18 So just to -- like, three brief examples.
19 A solar farm and -- a solar farm that was going to
20 take out a bunch of agricultural production and
21 there was never a consultation with the Water
22 Commission on how that was going to impact water
23 allocation in a critical area, and the OPSD staff
24 member saying, oh, yeah, no, it didn't occur to us
25 to talk to them.

1 An acknowledgement from the same staff
2 when there was an allegation on a special permit of
3 an endangered species was going to be impacted like,
4 "Oh, yeah, well, we just didn't have time to talk to
5 the Division of Forestry and Wildlife."

6 Real core existing sustainability
7 fundamental issues. I know we're going to talk
8 about it again, but there was very little to none of
9 the discussion of the five-year boundary review.
10 That really put -- I think is central to that effort
11 advancing sustainability goals, more development
12 goals, housing.

13 So I would strongly support a more deep
14 and meaningful engagement of the sustainability
15 perspective and mandates in the reports. Because
16 it's -- we rely on you and we trust you, and when
17 the OPSD shows up in front and advises on their take
18 on things, we give it great weight. And when these
19 things are lacking, however, it makes our jobs
20 really, really hard and difficult. So we'd like to
21 see much more of it.

22 And I think the last thing I'll say before
23 I hand it over to the Vice Chair to suggest a motion
24 is -- and this was just an observation that I had
25 over the course of the many weeks working on this

1 plan as the facilitator, and even though I have a
2 degree in environmental studies -- I've been working
3 on these issues for three-plus decades -- it never
4 occurred to me that, you know, with sustainability
5 so central to everything that we do, the -- we will
6 know we've gone somewhere.

7 Right now, when things change at the
8 legislature -- and right now at the legislature, the
9 assumption on the way committees are structured is
10 that everything -- there's the subject matter
11 committees and then there's judiciary and the money
12 committee. And the assumption is, well, everything
13 either has an effect on laws or an effect on the
14 state's finances, so they have to go through them.

15 There's not a mega-sustainability
16 committee, but everything the legislature passes
17 absolutely has an impact on whether or not we're
18 going to be more sustainable or not. And when we
19 possibly get to the day when the legislature has a
20 powerful central committee that actually also has to
21 review the sustainability impacts of any piece of
22 legislation, I know that we'll get somewhere.

23 The last unhappy factoid I want to share
24 is that despite all the awesomeness we're doing, in
25 2021, we consumed more coal globally than any year

1 before. We're not doing well globally, even as we
2 try locally, and we have to do -- have a lot more
3 before we cook ourselves and our future generations.

4 With that happy note, I turn to First
5 Vice-Chair Giovanni to suggest some language.

6 **COMMISSIONER GIOVANNI:** Thank you, Chair,
7 for laying that foundation of grief for my happy
8 moment, but I concur with everything you said,
9 Chair. So thank you for putting it on the record.

10 But I would like to make a motion on
11 behalf of this commission, and the motion is that we
12 go on record in acknowledging the importance and the
13 value of the Branch of -- what is the formal name of
14 the branch? I lose track.

15 **MS. BASS:** It is Statewide Sustainability
16 Branch.

17 **COMMISSIONER GIOVANNI:** Of the Statewide
18 Sustainability Branch of the Office of Planning and
19 Strategic Development -- and Sustainable
20 Development. We acknowledge their value and
21 importance to the state and to the operation of the
22 state agencies.

23 And I, at the same time, feel that it has
24 been understaffed and under-supported financially,
25 and we would encourage and support proposals to the

1 legislature to -- and staffing and a line-item
2 budget for outside funding to this branch on a
3 going-forward basis.

4 And I would ask that our staff articulate
5 that motion in better words, and that it be signed
6 by our Chair and put forth on a timely basis. Thank
7 you.

8 **CHAIRMAN SCHEUER:** Thank you, Commissioner
9 Giovanni.

10 Commissioner Cabral?

11 **COMMISSIONER CABRAL:** I would like to
12 second that very robust motion. Thank you.

13 **CHAIRMAN SCHEUER:** Who I will note for the
14 record, and in relation to your earlier comments,
15 did not come from one of the attorneys on our
16 commission.

17 **COMMISSIONER CABRAL:** Thank you.

18 **CHAIRMAN SCHEUER:** Commissioner, we have a
19 motion and a second before us.

20 Commissioner Ohigashi?

21 **COMMISSIONER OHIGASHI:** I just wanted to
22 be sure that -- is it -- are we doing this in a
23 formal letter signed by the Commission Chair? And I
24 would -- if it is in the form of a letter, I would
25 like it to also be the Chair be authorized to

1 testify, if necessary, on any committee (audio
2 disruption).

3 **COMMISSIONER GIOVANNI:** Yeah, I would
4 agree to that. I think that that's a great
5 suggestion, Commissioner Ohigashi. I do think it
6 has to be formalized in the form of a written
7 correspondence. I don't know if it's a letter or a
8 memorandum or some other document.

9 **MR. ORODENKER:** Mr. Chair, if I may?

10 **CHAIRMAN SCHEUER:** Yes, please.

11 **MR. ORODENKER:** We can send a letter to
12 OP, but I think that the preferable way to handle
13 this is to -- for us to memorialize the Commission's
14 sentiments and testimony that we sent to the
15 legislature. And we can draft a statement with
16 regard to that that will be incorporated in all of
17 our testimony and that we will file any time OPSD's
18 sustainability -- their coordinator has an issue
19 relating to her funding or any programs that she
20 has.

21 I mean, it -- we'll send a copy of that to
22 Maryalice as well, so she can wave it in front of
23 the committees if she wants to, but we will also
24 endeavor to be present and submit testimony
25 containing this Commission's sentiments whenever

1 there is a matter that is -- that concerns the
2 Sustainability Branch.

3 **CHAIRMAN SCHEUER:** Thank you.

4 Commissioner Chang followed by Aczon.

5 **COMMISSIONER CHANG:** Thank you, Mr. Chair.

6 I am going to support the motion, but in light of
7 both Ms. Bass and Maryalice's comments that they're
8 meeting with the Budget Committee this afternoon, I
9 would feel comfortable that Maryalice, you know --
10 depending upon the outcome of the vote, but at least
11 orally communicate to the legislators the
12 Commission's motion and action, and that a letter
13 should be forthcoming as well as relevant testimony
14 during the legislative process that, I think,
15 empower her with the ability to orally represent
16 what happened today. Thank you.

17 **CHAIRMAN SCHEUER:** So I'm going to go to
18 the movant. I think we'll move right from the sort
19 of comments from our fellow commissioners and the
20 statement from our Executive Officer is that whether
21 it is in the form of a letter that I sign that sort
22 of formally summarizes our sentiments or simply a
23 language statement? What's your preference?

24 **COMMISSIONER GIOVANNI:** I would follow the
25 direction of the -- of our Director, that he be

1 authorized to provide written testimony in support
2 of the Sustainability Branch's initiatives that are
3 put forth before the legislature.

4 I do think it carries weight to have some
5 letter as well that is signed by our Chair that
6 Maryalice can wave any time she wants. So I would
7 encourage both.

8 **CHAIRMAN SCHEUER:** That's the intent of
9 the movant seconder. Are you good?

10 **COMMISSIONER CABRAL:** Yes. I think it
11 should be on all fronts. It can't hurt that we have
12 the motion in the records, that we have the letters,
13 that we have the verbal support, and that our
14 Executive Officer, Dan, when he's there can do when
15 he's at the legislature, both written and verbal.

16 **CHAIRMAN SCHEUER:** Commissioner Okuda, and
17 then if there's no further discussion, I'll ask that
18 I take him off to sort of read off the motion as he
19 would if we were taking a vote.

20 **COMMISSIONER OKUDA:** Yeah. Thank you, Mr.
21 Chair. Just so that there is a clear face on this
22 motion, if somewhere in the document it can also
23 specifically state that the motion was brought by
24 Commissioner Giovanni, seconded by Commissioner
25 Cabral, because I think -- not to stroke anyone's

1 ego, but they have a lot of weight in the community,
2 and I think it's good to put a face on the motion.
3 If it just says "Land Use Commission, I don't think
4 it's going to have as much weight. I'm serious.
5 Thank you very much, Mr. Chair.

6 **CHAIRMAN SCHEUER:** Mr. Orodenker, could
7 you read off what you would read as if we were
8 taking a vote?

9 **MR. ORODENKER:** We are going to go -- the
10 commission has found to go on record via letter
11 signed by the Chair, acknowledging the Statewide
12 Sustainability Branch of OPSD's importance,
13 recognizing its value and that it is an understaffed
14 and under-supported and request a line-item budget.

15 **CHAIRMAN SCHEUER:** Any comments,
16 Commissioners?

17 **COMMISSIONER GIOVANNI:** Yeah. I want -- I
18 think we need to specifically support their actual
19 request that's before the legislature right now for
20 the four positions and then add to that
21 consideration for financial line-item support as
22 well.

23 **COMMISSIONER CABRAL:** I agree to that as
24 the seconder.

25 **CHAIRMAN SCHEUER:** Mr. Orodenker, when you

1 are ready.

2 **MR. ORODENKER:** Thank you, Mr. Chair. The
3 motion is as stated with the addition of noting
4 specific support for its request for four positions.

5 Commissioner Giovanni?

6 **COMMISSIONER GIOVANNI:** Aye.

7 **MR. ORODENKER:** Commissioner Cabral?

8 **COMMISSIONER CABRAL:** Aye.

9 **MR. ORODENKER:** Commissioner Aczon?

10 **COMMISSIONER ACZON:** Yes.

11 **MR. ORODENKER:** Commissioner Okuda?

12 **COMMISSIONER OKUDA:** Yes.

13 **MR. ORODENKER:** Commissioner Ohigashi?

14 **COMMISSIONER OHIGASHI:** Yes.

15 **MR. ORODENKER:** Commissioner Chang?

16 **COMMISSIONER CHANG:** Aye.

17 **MR. ORODENKER:** Chair Scheuer?

18 **CHAIRMAN SCHEUER:** Aye.

19 **MR. ORODENKER:** Thank you, Mr. Chair. The
20 motion passes with seven unanimous -- seven votes --
21 unanimously with seven votes.

22 **CHAIRMAN SCHEUER:** Thank you very much.

23 Director Evans, Ms. Bass, thank you very
24 much.

25 You had something you wanted to say, Ms.

1 Bass?

2 **MS. EVANS:** Yes. I'd like to thank the
3 Commission for your support for sustainability. And
4 I think -- I really appreciate your suggestions to
5 us to make our assessment of individual dockets that
6 invoke either sea level rise, climate change, or
7 sustainability issues, make that more clear to you
8 so that you can take that into consideration as you
9 weigh the various factors in making your decision on
10 the matters before you. So thank you all.
11 Appreciate it very much.

12 **CHAIRMAN SCHEUER:** Okay. Director, Ms.
13 Bass?

14 **MS. BASS:** Yes. Thank you, Chair. First
15 and foremost, thank you for this opportunity to
16 present the Hawaii 2050 Sustainability Plan. It was
17 -- it's an honor of mine to be here and present that
18 to you all today.

19 Secondly, thank you all for your support.
20 I was very unsurprised by this motion, and thank you
21 so much. It gave me chicken skin, and you know,
22 just from the bottom of my heart and deep within my
23 (spoke Hawaiian), I want to convey to you mahalo.
24 And also just thank you so much for your service
25 that you all provide to the state of Hawaii so that

1 we can continue to strive towards that equitable
2 climate resilient and sustainable Hawaii in our
3 future. So mahalo. Thank you so much.

4 And oh, by the way, Commissioner Okuda, we
5 will -- we did provide a copy of the presentation to
6 the LUC staff with the listing of the land use
7 recommendations per your previous request, and I'd
8 be happy to also share the very limited printed
9 copies of the plan, if need be. So please just let
10 us know through the LUC staff how many printed
11 copies you have. Again, it's just very limited.
12 Thank you.

13 **CHAIRMAN SCHEUER:** Thank you very much,
14 Ms. Bass.

15 Commissioners, there being no further
16 business for the day, I'm going to recess this
17 meeting until 9 a.m. tomorrow, where we'll do a call
18 to order and then take up the important ag lands
19 petition from the city and county of Honolulu.

20 **(Meeting adjourned at 12:00 p.m.)**

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1 CERTIFICATE

2
3 I, Jodi Dean, do hereby certify that the
4 proceeding named herein was professionally transcribed on
5 the date set forth in the certificate herein; that I
6 transcribed all testimony adduced and other oral
7 proceedings had in the foregoing matter; and that the
8 foregoing transcript pages constitute a full, true, and
9 correct record of such testimony adduced and oral
10 proceeding had and of the whole thereof.

11
12 IN WITNESS HEREOF, I have hereunto set my
13 hand this 25th day of January, 2022.

14
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17 

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19 _____
20 Jodi Dean
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