

CLIMATE ACTION AND RESILIENCE COMMITTEE

Council of the County of Maui

MINUTES

May 18, 2020

Online Only via BlueJeans Link

CONVENE: 9:05 a.m.

PRESENT: VOTING MEMBERS:

Councilmember Kelly Takaya King, Chair
Councilmember Shane M. Sinenci, Vice-Chair
Councilmember Riki Hokama
Councilmember Tasha Kama (in at 10:43 a.m.)
Councilmember Alice Lee
Councilmember Tamara Paltin
Councilmember Keani N.W. Rawlins-Fernandez (in at 9:09 a.m.)

STAFF: Kasie Apo Takayama, Legislative Analyst
Nicole Siegel, Legislative Analyst
James Forrest, Legislative Attorney
David Raatz, Supervising Legislative Attorney
Stacey Vinoray, Committee Secretary
Jean Pokipala, Council Services Assistant Clerk
Lenora Dinneen, Council Services Assistant Clerk

Kate Griffiths, Executive Assistant to Councilmember Kelly Takaya King
Lois Whitney, Executive Assistant to Councilmember Tasha Kama
Sarah Pajimola, Executive Assistant to Councilmember Keani N.W. Rawlins-Fernandez
Jordan Helle, Executive Assistant to Councilmember Riki Hokama

ADMIN.: Herman Andaya, Administrator, Maui Emergency Management Agency
Charnan Carroll, Civil Defense Specialist III, Maui Emergency Management Agency
Sananda Baz, Managing Director, Office of the Mayor
Chana Makalea Ane, Economic Development Specialist II, Office of Economic Development
Richelle Thompson, Deputy Corporation Counsel, Department of the Corporation Counsel

OTHERS: Dick Mayer (testifier)
Don Becker
Tiare Irvine (testifier)
Darla Ellingson
Jst2018

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Sean Lester
Henry Spencer

(1) additional unidentified attendee

PRESS: *Akaku: Maui Community Television, Inc.*

CHAIR KING: . . .*(gavel)*. . . Good morning, oops, can everybody hear me? Good morning --

COUNCILMEMBER LEE: Yeah.

CHAIR KING: --and welcome to the May 18, 2020 CAR meeting, the Climate Action and Resilience Committee meeting. My name is Kelly King, I'm your Chair. It's 9:05 on my clock. I hope it's the same on everybody else's. And if everybody could just silence your cell phones just in case you're unmuted and it happens to ring that'd be helpful. For Committee Members we have our Committee Vice-Chair Shane Sinenci. Good morning.

VICE-CHAIR SINENCI: Aloha kakahiaka kākou mai Maui hikina, hope everyone is doing well.

CHAIR KING: Yeah and aloha, nice weekend hopefully everyone had. Our Council Chair, Alice Lee. Good morning.

COUNCILMEMBER LEE: Okay, Madam Chair, in case you go to Serbia for the weekend. You could tell the people there dobro utro and that means good morning. Good morning, everybody.

CHAIR KING: Good morning. Dobro utro. Let's see, do we have Council Vice-Chair Keani Rawlins-Fernandez on? I don't see her. Okay, excused for now. I haven't heard from her one way or another. We have Councilmember Riki Hokama. Good morning, Mr. Hokama.

COUNCILMEMBER HOKAMA: Good morning, Chair.

CHAIR KING: Good to see you. We have Councilmember Tamara Paltin. Good morning, Ms. Paltin.

COUNCILMEMBER PALTIN: Aloha kakahiaka from Napili.

CHAIR KING: Aloha kakahiaka. Is...I think Councilmember Tasha Kama was going to be late today so I'm expecting her to be coming in around ten o'clock. She had notified us ahead of time. And of course our non-voting Members, Mike Molina and Yuki Lei Sugimura are welcome to join us at any time. But thank you, Members, for being here. We have some important information and some important links to make today with the Administration. So, our two...our Administrative support today is Herman

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Andaya who is the Administrator of Maui Emergency Management Agency. Good morning, Herman. Thank you for being here. And we have Charnan Carroll from the...she's a Civil Defense Staff Specialist III from the Maui Emergency Management Agency as well. That's for item number one. For item number two we have Makalea Ane who's the Environmental Coordinator from the Office of the Mayor. She'll be joining us a little bit later. Our Committee Staff today is Kasie Apo Takayama, our Legislative Analyst, and training underneath her is Nicole Siegel will be our Legislative Analyst . . . *(inaudible)* . . . We've got a little bit of an echo here. Stacey Vinoray our Secretary, Committee Secretary. Aloha, Stacey. And then we have two part-time Clerks who are assisting, Jean Pokipala and Lei Dinneen. And we're working out the, my first time hosting this meeting so thank you, Member Paltin, for the tips from your first meeting. And just everybody bear with us if we have any glitches today. But I think it's been, the process has been pretty much smoothed out. So, Members, we have on the...the two items on our agenda today are CAR-1(5) which is Hurricane Preparedness and we're entering into hurricane season so this is a very timely issue. And we have CAR-8 which is An Entity to Coordinate Climate Action, Including Mitigation and Adaptation. So, that will be a report from the Administration office. Can everybody still hear me 'cause it looks like on my screen that everybody...that the screen it seems to be frozen?

MS. APO TAKAYAMA: Chair, your screen is a little glitchy right now.

CHAIR KING: Okay, I don't know what's happening, there's nothing different from what I've done before but...

MS. APO-TAKAYAMA: But we can, we can hear you.

CHAIR KING: Okay, so just monitor it, Kasie, because you might have to take over as far as muting and unmuting people. I've got my mouse and--but everybody's picture on my screen looks frozen. Okay, so we're going to go ahead and begin with public testimony, oral testimony via phone or teleconference will be accepted. Testifiers wanting to provide video testimony should have joined the online meeting via the BlueJeans meeting link which is listed on the agenda. And, Ms. Apo Takayama, do we have testifiers waiting to testify?

MS. APO TAKAYAMA: We currently have two people signed up to testify.

CHAIR KING: Great. So, written testimony is highly encouraged, but we appreciate in-person testimony at Committee. And oral testimony will be limited to three items per...three minutes per item. If you are testifying beyond that time, we'll give you a minute to conclude your testimony. And when testifying, please state your name. If you are testifying on behalf of an organization or if you are a paid lobbyist, we need to know. Please be mindful of the use of chat during the meeting. The chat box...sorry, someone's texting me. The chat box should not be used during...to provide testimony or chat with other testifiers. If you're here to provide testimony, please be courteous to others by turning off your video and muting your microphone while waiting for your turn to testify. And participants who wish to view the meeting only without providing

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testimony, please view via a live cablecast on *Akaku* Channel 53. You can also visit mauicounty.us/agendas to access live and archived meetings, agendas, and videos. So, I want to remind Committee Members and the Administration and the public to please be patient if we run into technological issues which I've already experienced this morning in getting set up. And let's go ahead and proceed with oral testimony.

COUNCILMEMBER RAWLINS-FERNANDEZ: Chair?

CHAIR KING: Staff will call testimony...did somebody say something?

COUNCILMEMBER RAWLINS-FERNANDEZ: Chair?

CHAIR KING: Yes. Who's talking?

COUNCILMEMBER RAWLINS-FERNANDEZ: Keani Rawlins-Fernandez.

CHAIR KING: Oh, hi, I didn't--I can't see you on my screen.

COUNCILMEMBER RAWLINS-FERNANDEZ: Hi.

CHAIR KING: Oh, welcome to the meeting.

COUNCILMEMBER RAWLINS-FERNANDEZ: It's okay, I'm sorry I'm late. I just...I wanted to...if my screen looked like yours right now, I would hope someone would tell me. So, perhaps you would like to maybe turn off your camera and turn it back on and see if that would work.

CHAIR KING: Okay. Did that work? It looks like it's still frozen on my end.

COUNCILMEMBER RAWLINS-FERNANDEZ: Yeah...so, it's really glitchy and your face is shaking --

CHAIR KING: Yeah, that's...

COUNCILMEMBER RAWLINS-FERNANDEZ: --from what we can see and on TV. I don't know if you want to take a quick recess or maybe just turn off your screen for now, because I wouldn't want to have my face looking like that.

CHAIR KING: Okay, thank you. Okay.

COUNCILMEMBER RAWLINS-FERNANDEZ: . . . *(inaudible)* . . .

CHAIR KING: I've muted my video for now, I'm still here, but let me see if...something just happened. No, it's still...is it still doing that?

COUNCILMEMBER RAWLINS-FERNANDEZ: Yes.

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CHAIR KING: Okay. I don't know what's going wrong, because it's not...I mean I've been using this for a long time without these glitches. But we'll go ahead and I'm going to have Staff call oral testimony and then I was going to focus on doing the timing.

COUNCILMEMBER LEE: Madam Chair? Madam Chair?

CHAIR KING: Yes?

COUNCILMEMBER LEE: What we used to...what we do when that happens is we reload.

CHAIR KING: Okay. Why don't we...can we take a five-minute break and then on my clock it says 9:10 so come back at 9:15 and I'll try to fix this.

COUNCILMEMBERS: No objections.

CHAIR KING: Okay. All right, let me...recess. . . .(gavel). . .

RECESS: 9:10 a.m.

RECONVENE: 9:21 a.m.

. . .BEGIN PUBLIC TESTIMONY. . .

VICE-CHAIR SINENCI: . . .(gavel). . . Okay. if everybody else can mute themselves we're gonna go ahead and take Mr. Dick Mayer as our first testifier. Mr. Mayer, go ahead and unmute yourself and begin your testimony. Thank you.

MR. MAYER: Can you hear me?

VICE-CHAIR SINENCI: Yes.

MR. MAYER: Okay. Yeah, my testimony deals with the first item on your agenda, the hurricane situation. The concern I have is if we have a hurricane, it will be worse than the big storm we had in January 1980, when the electricity for the island in most places on the island went out for six-seven days. Everybody's food in their refrigerators/freezers was lost. But my main concern is communication. What happens is not just the power plant may or may not go down, but the trees fall over the lines everywhere and it takes many, many days to get all the power lines back up and get people back online. And so, there is a need then at that time to communicate between the Emergency Management Office and the general public as to what's going on and what needs to be done. And so, what I would like to say is that the office should establish a dedicated AM and FM radio station which is hurricane proof that if somebody has to go down to that station or get it on, get them, they should have a generator and be able to operate 24/7 during a hurricane aftermath. And everybody should know which stations are going to be on the air so they can listen. Now, since electricity is out people's home radios and TVs and everything else at home will

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probably not be working, but people should be made aware that their car radios probably still will be active and they can go there to listen. And so, the AM/FM radio will become the major communication links during a hurricane aftermath. The second thing is cell phones which everybody now depends on and they also will not be recharged within the house 'cause the electricity is not, and so the entire cell phone system may go out with the exception that people may be able to go their cars and recharge their cell phones on their car rechargers. Again, making people aware that that will be a possibility is I think critical for people to keep in touch with each other and with the medical facilities, et cetera, if there's a need be. I just hope that Emergency Management does this and be proactive and reaching out, not just put it in a booklet that people can pick up but in articles in *The Maui News*, on Facebook, et cetera, so that...and not wait until after a storm hits but try do it before. Reflecting on the whole pandemic situation we're in now where we weren't ready when the thing hit, we need to be proactive so everybody is ready when a hurricane hits. That's the end of my testimony.

VICE-CHAIR SINENCI: Thank you, Mr. Mayer. Members, do you have any other questions for Mr. Mayer? And I see that the Chair has rejoined us.

CHAIR KING: Okay, thank you. I actually moved over to another site so you'll notice my background is different. It seems like it's working better in the kitchen. Thank you, Vice-Chair Sinenci. Any questions of our testifier, Members? If not, thank you very much, Dick, for being here. I appreciate your input.

MR. MAYER: You're welcome and best wishes in your discussion.

CHAIR KING: Okay. . . .*(inaudible)*. . . follow along with our presentation. Members...or, Ms. Apo Takayama, any more testifiers?

MS. APO TAKAYAMA: Chair, we have two more testifiers signed up.

CHAIR KING: Okay.

MS. APO TAKAYAMA: The first testifier is logged in under phone number last four digits 6366, to be followed by Tiare Irvine.

CHAIR KING: Okay. Testifier 6366?

MR. BECKER: Hello. Can you hear me? Hello?

CHAIR KING: Hello?

MR. BECKER: Can you hear me?

CHAIR KING: A little bit. Can you speak up a little bit louder and then give us your name and if you're with an organization please? Thank you.

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MR. BECKER: I was actually just trying to chime in or just listen, not chime in. I must have called the wrong number. But I'll mute back out, this is Don Becker.

CHAIR KING: Okay.

MR. BECKER: . . .*(inaudible)*. . .

CHAIR KING: Okay. Thank you. Thank you for listening in.

MR. BECKER: Thanks for having me. Aloha.

CHAIR KING: Aloha. Ms. Apo Takayama, our next testifier?

MS. APO TAKAYAMA: The final person signed up to testify is Tiare Irvine.

CHAIR KING: Okay. Ms. Irvine?

MS. IRVINE: Hi, everyone. Can you hear me?

CHAIR KING: Yeah, we can hear you.

MS. IRVINE: Hi, hello. Yeah, I think the last person was Sean *[sic]*. I'm sort of the same, I'm just really happy to be on the line and I don't have specific testimony really to hurricane preparedness. I think that there is a kind of general awareness about what I'm working on right now for the County of the Maui with this resilience bond, this investment bond project. But without, you know, that being a specific agenda item, I wouldn't want to take meeting minutes right now but just really happy to be on the line and grateful for this Committee and to be a part of the conversation.

CHAIR KING: Okay. Well, we do have the second item is called An Entity to Coordinate Climate Action, Including Mitigation and Adaptation. So, if you have testimony that pertains to...

MS. IRVINE: Oh awesome.

CHAIR KING: Go ahead.

MS. IRVINE: Okay. Yeah, and I guess I'm really sorry I didn't realize I was going to be going on to the...on to testimony right now. But I can introduce...or this is specifically the Climate Action and Resilience Committee, is that correct? And so, I don't know if there's specific...I can turn my video on as well and say hi. I wasn't preparing for that but hi, everyone. I am really thrilled to meet you all. And yeah, the bond is, it's...it could not a muni bond, but we are interested in pursuing bond issuance through the County of Maui and that's really the big conversation and exploration for this year.

CHAIR KING: Okay. Well, if you can give us...Ms. Irvine, give us a brief overview of how it relates to climate change and then, you know, we can --

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MS. IRVINE: Yeah.

CHAIR KING: --put it on the agenda --

MS. IRVINE: Yeah.

CHAIR KING: --at some other time if you have more detail.

MS. IRVINE: Sure thing. Yeah, that sounds good. So, the bond is designed to eliminate direct fossil fuel emissions in the County. I actually was the first person to go through and structure the portfolio. It's specifically for residential fossil fuel emissions and residential net carbon neutrality. So, what that means is the elimination of the combustion of fossil fuel so, in vehicles and for power supplies. And also net neutrality which would be balancing the residential carbon equation for activities like flying or other forms of...sorry, I have baby chickens and they get really afraid when I'm not like standing next to them, it's super annoying. And that bond is sized at a \$500 million bond and it would achieve those goals in 10 years.

CHAIR KING: Okay.

MS. IRVINE: So...

CHAIR KING: Well, your...because, you know, we have a three-minute testimony, but if you want to just take a minute to conclude and then if this is something that folks are interested in, we can maybe bring you back for a deeper dive on it.

MS. IRVINE: Wonderful. Yeah, that sounds great. So, I can submit I guess as a written complement to my testimony now a link to the website. It's just thecountercarbon.com. So, think of it as like the carbon counter. I wanted to get the carbon counter URL but it's thecountercarbon.com and there's some basic details there. But ultimately what the like linchpin magic of this bond that I really would want to communicate is that it's about transferring energy, ownership of the endogenous or indigenous energy supply. The energy that can be...renewable energy that can be produced on the island, transferring ownership of that to the local community through a loan mechanism, the bond being the loan. And also obviously eliminating fossil fuel emission. So, that's I think...

CHAIR KING: So, you're...okay. So, was that V like Victor, countercarbon.com?

MS. IRVINE: The, like the as in --

CHAIR KING: Oh, Z.

MS. IRVINE: --t-h-e.

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CHAIR KING: Okay. . . .(inaudible). . . Okay. Let me just check with Members to see if anyone has any questions. Any...Members, any questions --

MS. IRVINE: Okay.

CHAIR KING: --for the testifier? Seeing none, thank you very much for being here and for keeping tabs on the Committee and we'll...I'll check out your website.

MS. IRVINE: Wonderful. Thank you so, so much. I'm going to turn off my video now. I haven't even brushed my hair yet. Thanks, everybody.

CHAIR KING: Mahalo. Ms. Apo Takayama?

MS. APO TAKAYAMA: Chair, we don't have any other individuals signed up to testify.

CHAIR KING: Okay, so is there any objection to closing testimony at this point?

COUNCILMEMBERS: No objections.

. . .END OF PUBLIC TESTIMONY. . .

CHAIR KING: Okay, testimony is closed, and we have no written testimony of record, unless you have any, Ms. Apo Takayama?

MS. APO TAKAYAMA: No, Chair.

CHAIR KING: Okay, no written testimony to read into the record.

CAR-1(5) HURRICANE PREPAREDNESS (RULE 7B)

CHAIR KING: All right, Members, we're going to go straight into our issue, CAR-1(5) and that is on Hurricane Preparedness. We have Administrator Herman Andaya and Civil Defense Staff Specialist III Charnan Carroll from the Maui Emergency Management Agency. And they're here to educate the public and provide information on our County's hurricane preparedness efforts as we go into the hurricane season for 2020. So, I'll turn it over to Director Andaya. You can go ahead and share your screen. Let's see, I think you have to unmute yourself. Okay, there we go.

MR. ANDAYA: Oh.

CHAIR KING: There you go. You're on now. Oh, you...Herman, are you still there 'cause we can't hear you now? Can you say something?

MR. ANDAYA: Chair, can you hear me?

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CHAIR KING: There, now we can hear you.

MR. ANDAYA: Okay, I'm sorry about that.

CHAIR KING: That's okay.

MR. ANDAYA: Good morning, Madam Chair, Members of the Committee. Thank you for scheduling this meeting to discuss hurricane preparedness for Maui County. I have with me Charnan Carroll who is our Preparedness Specialist and I'll be discussing our agency's state of preparedness for hurricanes, and Ms. Carroll will be going over how the public may prepare for hurricanes. First of all, I'd like to thank the Council for your support, especially with respect to our staffing needs. We appreciate your understanding of our situation and your assistance in ensuring that our budgetary needs are met and will assist us increasing our emergency capabilities. So, thank you very much for that. Under normal circumstances, this agency has in place hurricane plans and checklists as well as plans for various emergency functions. In a world with COVID however, our plans will need to be adjusted. And MEMA is reviewing those plans and making the necessary modifications to include issues that may arise due to COVID. The threat of COVID will hamper our ability to respond during a hurricane, and likewise a hurricane and its aftermath will also hamper our ability to deal with COVID. For this reason we'll need to consider how we approach these emergencies in the future. Now, there are two factors that will determine our approach to this year's hurricane season. The first is the hurricane outlook for this year and the second is the extent of the threat of COVID during the hurricane season. In the next few days, the National Weather Service will be presenting its annual hurricane outlook for the Central Pacific region. We hope to hear the predictions in regards to the El Niño-Southern oscillation which is an irregular periodic variation in the sea surface temperature over the eastern tropical Pacific Ocean. In the last two years, the Pacific Ocean has been going through what is called the El Niño effect which translates to higher than normal sea level temperatures and this is the optimal conditions for the formation of hurricanes. Last year, the National Weather Service predicted an El Niño season and forecasted a higher than normal chance of an active hurricane season. This year, we are hoping that we will enter to what is called the La Niña effect which means lower than normal sea surface temperatures, and we hope this translates to a lower than normal hurricane season. The second factor is COVID and what will be the extent of this pandemic in the months to come. The County's efforts to the flatten the curve has been very successful and there has been a new...and there has not been a case for some time now. As the County begins to reopen, we may see new cases and so we will continue to monitor should a surge occur. In addition, public health experts predict that a second wave may take place in the fall which would be at the tail end of the hurricane season. The presence of COVID during a hurricane will be challenging; however, MEMA will stand ready to address both threats. You know at the start of the COVID-19 incident, I was in a meeting with Mayor Victorino and Councilmember Hokama, and Councilmember Hokama made an insightful note that our EOC will not be able to adhere to social distancing. It wasn't until later the statement hit me. If we were to use the Red Cross guideline or guidance for social distancing, we would only be able to have ten individuals in this EOC. Typically in an

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activation we have 60 to 80 individuals in the EOC and you have seen photos of that, of our room exceeding capacity. So, for this upcoming season we are looking for possible alternatives; however, it has been challenging, especially since our EOC would require backup power and it's difficult to find areas on this island that already has in place backup power. In addition, our EOC also has a secure line for video teleconference, our HAWAS, and satellite phones which would have to be transferred to the ultimate site as well. So, should we not be able to identify an ultimate site, we would have to use the current site and limit the number of individuals in the EOC and ensure that each of them have proper use of PPEs. It's not ideal but we'll make it work somehow. With respect to sheltering, sheltering will be a tremendous challenge, especially with COVID and the need for social distancing. As I mentioned earlier, the American Red Cross changed its procedure to include a larger square footage for each individual in the shelter and I believe that amount now is at 100...

MS. CARROLL: Hundred and ten square feet.

MR. ANDAYA: Oh, 110 square feet per person. This would dramatically decrease the number of individuals in the shelter. We have been meeting with our shelter committee and exploring different options including looking for additional shelters. Another challenge related to COVID are the Red Cross shelter volunteers who are over the age of 60 and other volunteers from the vulnerable population. This may create staffing issues at the shelters and so we are looking to fill that gap with other either additional volunteers and/or government employees under HRS 127A which mandates all employees to become emergency workers in the event of an emergency. Another issue which we are experiencing with COVID and will become an issue during a hurricane is securing supplies, especially personal protective equipment, PPEs. The logistics section of our agency has been able to acquire thousands of masks and other protective gear and distribute them to our partner agencies. Our call receiver room right now is a storage area for many of these PPEs as well as our hallways and they're just lined with boxes and boxes of PPEs. This may warrant the need for a warehouse to supply...to store these supplies. Our remote locations have also been looking at their own supplies as well, and we've been meeting with the Hana group with Councilmember Sinenci and discussing their needs. We have a FEMA container on the east side and thank you to the Council for allocating monies to maintain that container. We have been...and we'll make sure that the FEMA container is updated with supplies. Also been working with Councilmember Hokama's office, he's requested an inventory of the emergency container on Lanai. We have been in communication with the Lanai Police Commander and we will be having...we will have the inventory done as soon as possible as well and we'll also make sure that that container is updated also. With respect to communications, I hear what Mr. Mayer mentioned earlier about radios. We will be doing more communications, especially with...we'll be putting up posters now in our buses and so that's being done. We're doing radio PSAs, TV ads, more social media websites, newspaper ads, YouTube channels, and we're even just started recording a podcast last week. And so, these are things that we're doing to get the message out to the public. Also, with respect to alerts as mentioned earlier by...as mentioned earlier, we also have different types of alerts from sirens to Maka'ala. Maka'ala is our County of Maui emergency alert

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system. And so, we will be using an expedited way of signing up for Maka'ala right now. In order to sign up for Maka'ala you have to go on a computer, but some people may not have access to that and so signing up may be as easy as just typing MEMA to a number and that would get you automatically signed up for this alert system. So, we're looking at that as well. With respect to remote locations, I've talked a little bit about some of these areas. We also have purchased VTCs for each of the remote areas. So, Molokai, Lanai, and Hana, in fact Hana's VTC has already been delivered. It's kind of coincidental, we were thinking about...and when I came before you last year, we talked about having VTCs for these remote areas and now it's even more pertinent now especially with COVID. And so...

CHAIR KING: Is that the ventilator, the VTC?

MR. ANDAYA: Oh, I'm sorry. VTC is the video telephone...video teleconference.

CHAIR KING: Okay.

MR. ANDAYA: Yes. I'm sorry.

CHAIR KING: That's okay, thank you.

MR. ANDAYA: The video teleconference. And so, we have...we've already delivered Lanai's and it's going to be held at the police station. And we have...I'm sorry, Molokai and Hana's in our storeroom right now ready to go out, ready to be deployed. We've also been having weekly meetings with the Hana group and that's a very good group. And also I mentioned earlier Lanai has been requesting for supplies and we'll be assisting them with that. Specifically they asked for PPEs and so we will be sure to get that to them as well. So, that's all I have right now. These are just some of the challenges that we'll be experiencing because of COVID, having to deal with social distancing and dealing with two emergencies or two threats. So, but we will be ready. We're going through right now all of our plans, our hurricane plans, and we're taking into consideration COVID with those plans. So, at this point with your permission, Madam Chair, if I could turn this part of the presentation over to Charnan Carroll and she can talk about hurricane preparedness.

CHAIR KING: Okay, thank you, Herman. Go ahead, Charnan. You have a presentation?

MS. CARROLL: I do have a presentation if there's time. Basically this is a standard presentation that I normally would be presenting to the public. I'm waiting for the hurricane...the National Weather Service, their hurricane forecast for the season because that would be added to this also. I have not yet taken time to update it insofar as COVID during a disaster. But I'll get on that too. So, this is entitled personal empowerment through emergency preparedness.

MR. ANDAYA: See if they're able to see it.

MS. CARROLL: Can you see that now?

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CHAIR KING: No, we don't see your screen share.

MS. CARROLL: Okay, let's...we may have a...we just have to get the, our screen share on.

UNIDENTIFIED SPEAKER: What is that?

MR. ANDAYA: There, that's the one.

COUNCILMEMBER LEE: If not, it's on Granicus.

CHAIR KING: It worked earlier today.

MS. CARROLL: Okay, click here. Here, I can...I think I can get it here, Herman. Give us a moment. Now, can you pull that up?

CHAIR KING: Okay, we can see your screen but it's awfully small.

MS. CARROLL: Okay. So...

MR. ANDAYA: Can you see that?

MS. CARROLL: Yeah.

CHAIR KING: Can you get it to take up the whole...

MS. CARROLL: Yes, I will do that. So sorry. Okay. Where is my...how's that?

CHAIR KING: It's a little bit bigger but it's still kind of half the screen, we still have...I don't know, Kasie, can you make that the whole screen? Is there anything you can do from your end? Okay. Well, now what we have is Director Andaya on one side and then the screen on the other side, that's what we're looking at.

MS. CARROLL: Okay.

COUNCILMEMBER RAWLINS-FERNANDEZ: Chair? It's Councilmember Rawlins-Fernandez.

CHAIR KING: Vice-Chair?

COUNCILMEMBER RAWLINS-FERNANDEZ: Yes. So, I'm looking at *Akaku* and it's the full screen. So . . . *(inaudible)*. . .

CHAIR KING: Okay. . . *(inaudible)*. . . Can everybody see this on our screens? I can...yeah.

COUNCILMEMBER RAWLINS-FERNANDEZ: On the bottom left, Chair, there's a bar and there's four dots.

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MR. ANDAYA: Oh it's fine, Charnan, yeah.

COUNCILMEMBER RAWLINS-FERNANDEZ: You can move that bar left to right and it changes what your screen looks like.

CHAIR KING: Oh okay, individually. Okay, there we go. Does everybody got that? If you want to see the full screen, your bar all the way over to the right. Okay. Well, we've got it now, Charnan. You can go ahead and start.

MS. CARROLL: Thank you. So, the title of this presentation is Personal Empowerment through Emergency Preparedness. Preparing makes sense. My point of this is to try to instill in people a personal responsibility to understand that we have to save ourselves first. So, why is personal preparedness so important? Number one, a knowledgeable and a prepared community is less likely to panic and more likely to cope better during an emergency. It is a shared responsibility. While governments engage at all levels when disaster strikes, the reality is that there are not enough resources to meet the most immediate needs. Local officials and relief workers will be actively working after a disaster but they cannot reach everyone right away. So, basic individual and family disaster preparedness is the foundation of all disaster planning. Personal preparedness allows individuals to take some control and function in a disaster. It helps to reduce stress and worry during the event. There are a lot of disaster myths that we hear all the time. It's not going to happen, it can't happen here because Maui's protected from hurricanes by the Big Island. We hear these over and over again. But the reality is something will happen here, it's just a matter of when. Another myth is bad things don't happen to me, they happen to other people. Anyone who's been affected by disaster probably has thought this before the disaster happened. And the most dangerous of all is if it happens to me, there's nothing I could have done about it. So, this myth makes a person a victim and it could even kill you. Be prepared. Disaster strikes with more frequency than in the past. Environmental changes, population shifts, terrorism, and other factors affect how often and how many people disasters affect. This reality brings about an increased need to plan for disasters. People think that in an emergency situation they will plan little if any...they will play little if any role in their own survival, but nothing is further from the truth. We must all do our part to plan for disasters. Individuals can decrease the impact of a disaster by taking steps to prepare before the event occurs. In a large-scale disaster initially, we're going to be on our own. If you haven't planned in advance, don't assume that neighbors, coworkers, family or friends will be available to help you. They're likely to be affected also. And emergency responders may not be able to reach you for a period of time. You are in the best position to know how your abilities and needs before, during, and after affect...after a disaster will affect you. Take responsibility. When preparing for an emergency it's important to think about your own personal needs. All of us have unique needs and lifestyles and no one knows your situation better than you, that's why every one of us must assume responsibility for our own safety. There are three basic steps or parts of being personally prepared. Be informed, make a plan, and build a kit. So, we're going to look first at be informed. You need to understand what the natural disasters actually are in our area that can affect us. And even know your own neighborhood and specific

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risks that may affect it. You know we talk a lot about flash floods, high surf, thunderstorms, hurricanes, tsunamis, earthquake, wildfires, and now we are starting to include infectious disease. But in looking at your own neighborhood and your own home, consider are you in a floodplain? Because then you may be affected specifically by flash flooding. Do you live on the coastline? You're looking at high surge, high storm...sorry, high surf and storm surge. Are you in a tsunami inundation zone? Know what the evacuation...where the evacuation zones are and how far you need to go to be safe. And if you live in a heavily wooded area, you have the threat of wildfires. Manmade disasters, you know, in an urban area, we're more likely to be at higher risk for a manmade disaster than a rural community might be. But some just simple examples of manmade disasters, radiation exposures, transportation accidents, hazardous material spills, fires, civil disruption, and terrorism. And then we need to stay informed, know where to get emergency management. The Maui Emergency Management website, www.mauicounty.gov. Sign up for Maka'ala. That's the Maui County emergency alert system. And if the outdoor warning system sirens sound then turn on a local radio station for information. And remember that the outdoor sirens are just that, they are an outdoor alert system. Maka'ala, that's one of our ways to stay informed. You can see there are multiple ways to receive alerts, different locations that you want to be notified for, types of alert, and the level of each type of alert. It is basically a way to personalize the alerts you receive. You can receive all or one and then it's up to you to control that if you decide to change that at another time. There are many, many resources online, including mauiready.org, ready.gov is a great site, the American Red Cross, public health emergency preparedness. Hopefully all of us are in touch right now with all of that. And then of course weather through the Weather Service, et cetera. Second step is to make a plan. One of the main things we can do is perform mitigation measures. This is basic home safety. So, act before the disaster strikes to reduce the effects of the disaster. In a disaster, ordinary items in the home can cause injury and damage. Anything that can move, fall, break, or cause a fire is a potential hazard. A lot of us have the electrical octopuses in our house where we've got adaptor on adaptor and cords everywhere, oftentimes we run them under rugs, and that while you may avoid a trip, you can also begin to create a fire hazard, et cetera. Things like strapping your water heater to a wall so that if there is an earthquake it doesn't begin to rock with the weight of the water and then spill. Things like hurricane clips on your rafter beams if you're in an older home. And knowing how to turn off your utilities before a disaster...before a hurricane, sorry. And then make sure you've got adequate home insurance coverage. The thing to remember is that flood and hurricane usually are separate riders, you need to add that to a basic insurance. Develop a communication plan. You should have one family contact person whereas if you...if something happens while you folks are in different places, school, home, work, et cetera, you can contact that one person and say I'm okay, I'm here. And that way we're not completely tying up the phone lines. Also have an alternative out-of-state number because oftentimes when our local lines are down, you can make a long distance call. And alternative methods of communication in case of interrupted service. Text, e-mail, and radio, now radio would be something like you could either do a little FRS family system, it's a very short distance maybe from one end of the block to the next. Or if you're interested, you can step up and become a HAM radio operator, that does take some training and

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a license, but it's again a great way to communicate long distance. Develop a plan for a home emergency. Be sure that you have two ways out of the home and two ways out of each room so that if the main entrance is blocked you have an alternative. You can see there are all sorts of options out there. We've got the child coming down from the window on his little chain ladder. That sits just inside the window until it's needed, and then you deploy it on the ledge of the window and safely can climb down so we're not falling and panicking. And also practice those skills. Then also you need to create your own plan for a wide-spread in case you need to evacuate or decide to shelter in place. To evacuate you need to have a transportation source. You need to know that the evacuation site is accessible and do you have enough supplies. Shelter in place, do you have enough water, food, and medical supplies, and we'll discuss that further. The photo...oftentimes you see photos of shelters with all these nice cots lined up, and that's just not what a shelter is all about. In fact, a shelter is the last place you want to go. It is just a refuge of last resort, because it's...well it's going...it's usually very crowded. We have some new issues with COVID which we are working on. But even so, it's not pleasant, you have to take all your supplies and we'll talk about that too. Persons with access or functional needs, teach those who may need to assist you in an emergency on what to do. Plan on the best way that somebody can notify you of an emergency. Train people that will help you how to assist in a transfer. And I'm missing something on my line but how to operate necessary equipment, et cetera. I have seen people injure themselves when they've tried to assist somebody into or out of a wheelchair without some training. So again, as a person with access or functional needs, it is your responsibility to make sure somebody knows how to help you safely. Also, establish that personal support network. You should carry an emergency health information card. Conduct an ability self-assessment which means know what you are and are not capable of doing, and add additional supplies for your specific needs to your emergency kit. Prepare your car, gas tank at least half full at all times, spare tire, flashlight, reflectors or flashers, and a first aid kit. Again, practice and maintain that plan. Review the emergency plan with family members at least every six months. Review floor plans of all levels of your home. Conduct fire, earthquake, and emergency evacuation drills. Replace stored water and food in emergency kits as necessary, maintain fire extinguishers and know how to use them, and check your smoke alarms on a regular basis. And then we move to build a kit. This is something that I think people get overwhelmed at times, but if you can keep it simple and take it just a step at a time, it's very doable. There are some basic emergency supplies. Now, this is both for shelter in place and for a go kit, and we'll talk about that more. Basic things, a battery-powered radio. The stations will get back on air. Even if there's a power outage, radio stations usually can get back on air fairly quickly. It's important because that's where your local information is going to come from. Oftentimes we turn on the television, the television will be presenting at the news either from an Oahu based source of information or oftentimes from a mainland source of information. We need to know what is local and what applies to our Maui actions and what's happening here. Food and water, you want to think about canned and dehydrated. Bottled water, powdered milk, things that are easy to store and to carry if necessary. Fuel and light, again battery-powered lanterns, don't use candles in a disaster because then you add fire to your disaster. And extra batteries. Manual equipment, manual can opener, a dishpan, something you can do sanitation of both

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your eating utensils and yourself perhaps. Always have bedding ready to go. Clothing and shoes, make sure you've got an extra change per person. Personal supplies, sanitation, et cetera. Medication is huge, oftentimes we don't think about that before we have to evacuate so you've got to have a plan to grab it. And then personal documents and cash, be sure you have copies of everything with you in your emergency kit. Cash is in case your...the power is out. Additional supplies for your specific needs. Please prepare for your pet. If we are going to be responsible owners, we have to be responsible rescuers for our animals too, plus most of us they're part of our family. So, include them in the emergency plan. And I have a couple slides that are missing. Your go kit is a three to five minimum supply per person per day. It's something that you want to have packed up and in a very easily accessible place where you can grab it and go. If we are evacuated due to a tsunami, a hurricane, high surge, high winds, multiple flash floods caused by a hurricane, you want to be able to take it and also know that route that you've already planned and on to the shelter you go or to a friend's house. If you're going to shelter in place, you're talking about two weeks of all of your essential items and they should be separate from the day to day. Keep them stored in a cool, dark place. Remember every six months to replace things that may have expired. And as we learned through already the Coronavirus pandemic, we know how easily things get disrupted, supply chains, or people over-shopping. So, be sure you've got it now when it's available and you have it stored in a safe place. And then we would move to any questions.

CHAIR KING: Okay, great. Thank you, Charnan, I really appreciate that.

MS. CARROLL: Thank you.

CHAIR KING: And Director Andaya. We're going to go ahead and I'm just going to go down the list starting with our Committee Vice-Chair and see if anyone's got any questions. And let's try to wrap this up by 10:30 so we can take our break and then come back for our next item. So, Vice-Chair Sinenci, any questions for either Director Andaya or our presenter, our PowerPoint presenter?

VICE-CHAIR SINENCI: Thank you, Chair. Yeah, I had a question for Mr. Andaya. So, my question and just thinking about East Maui we've got a couple of communities that are coastal communities and I believe down Haneoo Drive and Keanae we have some sirens down there; however, and I know you've mentioned this before, our concern is the Nahiku community that continues to request for a siren down in their small coastal community. Can you briefly speak to the process that we need to go through to prepare for that?

CHAIR KING: Director?

MR. ANDAYA: Yes, Madam Chair. So, with respect to sirens, that is something that the State HIEMA installs so one would have to go through my State counterpart in order to get a siren out in Nahiku. We have put in requests a number of times. They feel that...I mean they decided not to put a siren there. There were other locations that was, I guess there was a greater need for those locations and so that's the reason why

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they decided put it in that location instead of in Nahiku. But my understanding is I've asked...so what happens, what happens in the past in the event that there's an emergency and my understanding is that police will go down or someone from a County department will go down to Nahiku and warn them that there is something going on. Also, we've used the civil air patrol. We've put sirens on the civil air patrol and use that to go around the coast, and I know Hana, I've heard from Hana residents that they've heard their sirens. But the civil air patrol they put a siren on a Cessna and it flies around the coast, Hawaii...Maui rather, and warns people on the coast that there's some type of emergency that's about to occur.

VICE-CHAIR SINENCI: Okay, great. Thank you, Director. I'm glad to hear that there's an alternative for our coastal communities. And then my second question was you mentioned earlier that if we were to practice social distancing and you wouldn't be able to have a lot of the participants in the EOC, you mentioned that there's an alternative site where half the EOC could also be placed? Clarification.

CHAIR KING: Director?

MR. ANDAYA: Madam Chair? We're looking for an alternate site right now; however, it's proven to be challenging because the site would have to have backup power. So, and then also a lot of our equipment are here. For instance our _____, this is what we use, the communication we use to communicate with the State as well as sat phones, our secured video conferencing which we use to communicate with the mayors and the Governor. So, we have meetings every day through our VTC and so those are challenges that we'd have to...I mean we would have to move those types of equipment over to a new site. I'm not sure if that's going to be something that we could do for this hurricane season. But that's something that we're considering. For now, for this hurricane season we may have to bring our partners in here and we'll just have to...everybody will have to wear a mask and, you know, have the necessary PPEs.

VICE-CHAIR SINENCI: Okay, thank you, Director. And thank you, Charnan, for the presentation, very helpful. Thank you, Chair.

CHAIR KING: Thank you, Vice-Chair Sinenci. Okay, moving down the list I'm going to go...I think this is in order because Mr. Molina is not here so, Chair Lee, any questions?

COUNCILMEMBER LEE: Thank you, Chair. Thank you for the presentation, Charnan, and thank you, Mr. Andaya, for your presentation. I pretty much had the same kinds of questions about your plan B in case there is some kind of natural disaster. It's becoming more and more evident that where you are is terribly inadequate, but if you were to, you know, if we experienced a major hurricane, wouldn't the most likely place to go would be like the War Memorial Gym, you know, to transfer your headquarters over there?

MR. ANDAYA: The wide span, yeah, wide-span roof. Yeah.

CHAIR KING: Director?

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MR. ANDAYA: Madam Chair, I'm sorry. Yeah, the, well the, again the issue would be the, all the equipment that we have here, the backup power. I don't believe the gym has backup power.

MS. CARROLL: Not that I'm aware of.

MR. ANDAYA: Yeah. So, those are all going to be issues. Because in a hurricane there's a great likelihood that there may be power outages. And so, and that's something that we have here. We have a generator. Like last week when we had a power outage in this building, our offices were still operational. And so, that's going to be an issue. Also as I've mentioned about the secured VTC line that we have and other communication devices that we have here. And so, we would have...we wouldn't be able to just move quickly, we would have to...it would be semi-permanent if that was the plan.

COUNCILMEMBER LEE: Also...

MR. ANDAYA: But there are...

COUNCILMEMBER LEE: Also, Mr. Andaya, there are substantial funds available now through the Federal government and COVID-19 funds and all kinds of other funds. I would imagine that you could use in the millions to build another site. So, do you have plans in progress?

CHAIR KING: Director?

MR. ANDAYA: Madam Chair? Thank you, Councilmember. Yes, we are in discussion with the Administration about the possibility of using those monies for an EOC, a new EOC, so we've been discussing that with the Administration.

COUNCILMEMBER LEE: Do you have any idea how much money you'd be needing?

MR. ANDAYA: Right now, Councilmember, no, we don't have a figure yet. But we're looking at possibly about 20 million or so, so we did pass that number up to the Administration.

COUNCILMEMBER LEE: Oh, I see. All right, thank you.

CHAIR KING: Thank you, Chair Lee. So, Director Andaya, when you're talking about...you're not talking about moving this year then anytime soon, but when you're talking about other sites, have you looked into at least having a portable generator on hand so that if you had to move you could, to bring one over?

MR. ANDAYA: That's, Madam Chair, that's something we're also looking at as well. And it would have to be a large generator to be able to handle all of the equipment that we have here. So, we're considering that as well.

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CHAIR KING: Okay, great. Okay, next is Vice-Chair Keani Rawlins-Fernandez.

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Chair. Aloha, Mr. Andaya and...

MS. CARROLL: Charnan.

COUNCILMEMBER RAWLINS-FERNANDEZ: Thank you for...

CHAIR KING: Ms. Carroll.

COUNCILMEMBER RAWLINS-FERNANDEZ: Thank you so much for your presentation. So, my first question is regarding shelters. I understand that the EOC, you know, is not prepared for the amount of space required for social distancing. Is there a plan for shelters to have the amount of space for social distancing during a hurricane, tsunami, or fire? I know this is a hurricane subject, but we had a hurricane and there ended up being a fire in West Maui at the same time.

MR. ANDAYA: Yes, yes, yes.

CHAIR KING: Director?

MR. ANDAYA Madam Chair? Yes, that's something that we are considering. Our shelter committee met last week, met with the American Red Cross and they then presented to us their guidance which is 120 or 110 square feet per individual. And so, that's a substantial increase from before and that really limits the number of people that can be in a shelter. And so, I'll let Ms. Carroll talk about...she can provide us more details on that.

MS. CARROLL: Thank you. So, yeah, we have...the shelter committee consists of the Red Cross, ourselves, Department of Education, Housing and Human Concerns, Transportation, and Parks. I think I'm missing somebody there. But anyway, we normally convene like two to three days or further out depending upon what's happening of a hurricane to determine timelines, et cetera, for opening, what we estimate...how many people we estimate will be sheltered. Well, of course with the COVID situation right now, everything has changed. So, we have convened actually the last two weeks to begin to talk about this. During a hurricane, the Red Cross space per person is normally 10 square feet per person, with the COVID distancing it's now 110 square feet per person. So, basically we have lost 90 percent of our available shelter space and we already were at a deficit. So, we're going to be...we're looking at how do we expand that space and still maintain some level of safety, because there are so many things about a building structure that it may not be safe in high winds, especially if we're hit by a Category 3 or higher hurricane. So, that's a tough situation right now. And on top of that of course are staffing the shelter. Red Cross requirements are "x" number of staffing per "x" number of clients and how we have them spread. For instance in schools, we would spread them among different classrooms simply because in a...like for instance the gym, the roof span is too long

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and the threat during a hurricane is that roof span will be blown away as pressure builds underneath. On top of that, we have to keep the shelter staff safe insofar as safe from the COVID as well as keeping the shelter clients safe. So, there's multiple situations and like I said we've met for two weeks. We're beginning to gather data, et cetera. We don't have any answers or solutions yet. But we will continue to meet on a weekly or biweekly basis until we have figured this out. It's going to be a tough one this year.

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Carroll, for your response. Just a follow-up to that, do you have a date that you're shooting for to have a plan in place?

MS. CARROLL: Ideally it would be June 1st. I don't know that...we may have parts of a solution in place. There are several things in discussion right now as to how do we...the staffing is huge and I think we need to have that determined fairly soon. Volunteers...Red Cross volunteers here on Maui, Lanai, Molokai, there just aren't going to be enough. So, we're looking at other solutions such as utilizing government employees as shelter support at least. Red Cross requires that anyone who actively works in a shelter must be background checked so at this point that's looking more towards State employees but we don't have an agreement in place yet so we will continue to work on that.

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Carroll. Mahalo, Chair.

VICE-CHAIR SINENCI: So, it looks like Chair King's computer has frozen again so we'll go down the line. I believe it's Mr. Hokama, you have any questions?

COUNCILMEMBER HOKAMA: Thank you, Chairman. Yeah, again I appreciate the update from MEMA. So, Mr. Andaya, you know, for me my number one concern for Lanai and the County is for our preparedness is the issue of power. So, power will depend again and impact communications. Power will impact the delivery of potable water supplies. What it will impact also the ability of us to decide how we're going to move forward emergency communications, because I can tell, you know, in one morning session on this iPad I'm currently using with BlueJeans, I lose about 40 to 50 percent of battery life. And, you know, I cannot keep recharging because I'm using emergency power, right, under certain situations. So, that is one of my main concerns. And have you with the utility, currently Maui Electric come up with some maybe more regional distributive power kind of planning so that outlying districts whether it's Molokai, Lanai, even East Maui, we understand how we're going to be provided certain requirements and the basic what is the power, whether it's for communications. And so, I bring that up because I want to know eventually do we need to revise the protocols to activate National Guard requirements for this County in a response?

VICE-CHAIR SINENCI: Director?

MR. ANDAYA: Mr. Chair. So, with respect to power that's a very good point, Councilmember Hokama. That power will be one of the big issues. Power restoration will be one of the big issues. And so, I haven't had...I mean we have that understanding with the

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electric company. I haven't had a discussion however about like what it is that they could do, they could improve on in order to ensure that we can restore power quickly to our, to the island. I know that we have been working on getting generators to certain areas so we understand that's a big issue. As an example, on Lanai we have...we bought a new generator for Lanai. I believe we used Homeland Security monies for a generator at the fire station. I believe it was Homeland Security monies or the Council provided funding for it. But that's something that we knew that, you know, that we would have to have generators in order to ensure that there is some kind of...we could fulfill some power needs.

COUNCILMEMBER HOKAMA: And again, Director, I appreciate that response yeah. And my concern is I think for the very short-term things that may last couple of days, maybe a week, I believe this County can respond quite well. My concern about the adequacy of a longer term response is my concern and whether or not the regions have sufficient capacity for fuel storage as well as, you know, the County's moving forward to make adjustments. So, we're going to have a lot more things on batteries, whether it be County equipment and vehicles, as well as equipment. Do we have a plan that will be a mix response regarding electrical as well as fossil fuel required generation for power?

MR. ANDAYA: Mr. Chair? I...Mr. Chair? Can you guys hear me?

CHAIR KING: Oh hi. I'm back now.

MR. ANDAYA: Oh, I'm sorry.

CHAIR KING: No, that's okay. Thank you. Thank you, Vice-Chair Sinenci. Go ahead, Mr. Andaya.

MR. ANDAYA: Madam Chair. We will need to have that discussion with the electric company. I agree that that is an issue that we need to look at and we will be having that discussion. I know, Councilmember Hokama, there was discussions Statewide on this issue and so and I participated in some discussion and there was supposed to be a plan, a Statewide plan for this. And so, I'll look for that and could even share it with you at some point.

COUNCILMEMBER HOKAMA: Okay, thank you, Director. Chair, thank you for my opportunity.

CHAIR KING: Thank you, Mr. Hokama, and thank you, Director Andaya, for keeping us informed of the movement forward with the electric company. So, next we're going to go to Councilmember Paltin.

COUNCILMEMBER PALTIN: Thank you, Chair. Thank you, Mr. Andaya and Ms. Carroll, for your presentation. I have some questions. I just want to move it along so we meet the Chair's timeline. My first question is just a yes or no, is there video teleconferencing abilities for West Maui?

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MR. ANDAYA: Madam Chair?

CHAIR KING: Yes, Mr. Andaya?

MR. ANDAYA: The short answer is, I mean yes, there is. I mean there's laptops that could be used to communicate with West Maui.

COUNCILMEMBER PALTIN: Okay.

MR. ANDAYA: But in terms of...

COUNCILMEMBER PALTIN: And...

MR. ANDAYA: Or just...oh. I'm sorry, I don't want to...

CHAIR KING: Okay.

COUNCILMEMBER PALTIN: Okay, thank you.

CHAIR KING: Ms. Paltin?

COUNCILMEMBER PALTIN: And then my next question is a clarification for that 110 square foot per person. Do they take into account that some families that live in the same house could have less per person if they do a family unit? Because in our own households we're not social distancing so maybe those people can go to the standard amount because, you know, we tuck our kids in, we give them a kiss good night. So, we don't need that full 110 square feet per person. Is that into effect...taken into account in your calculations?

MS. CARROLL: These are the Red Cross new requirements, and I have not yet gotten a copy of them so I can't answer that specifically but my hunch is yes.

COUNCILMEMBER PALTIN: Okay. And then...

MS. CARROLL: I don't have it in front of me.

COUNCILMEMBER PALTIN: Okay, and then my longer question is that, you know, during this time with the, so many people of, out of work and, you know, just kind of planning out where their next meal comes from, not to mention the folks without houses. Is the Administration having any plans for the multitudes that don't have the capacity to prepare themselves and stock up and, you know, get ready to help themselves? Is there any plan for that? And if it came down to a situation where, you know, there wasn't enough shelter, there wasn't enough food and we're under an emergency rule situation more of a disaster nature than we currently are, could we commandeer hotel ballrooms being that they're currently empty or, you know, hotels and stuff like that for our houseless population or our people who are in the inundation zones and things like that?

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MS. CARROLL: It's definitely part of our discussion and we probably are going to have to bring in the Hotel and Lodging Association to talk to them specifically about that. The reason we have not yet is we wanted to have some specific questions and anticipations before we moved into that discussion with them.

COUNCILMEMBER PALTIN: Okay. And you will follow up with the Red Cross about their calculations regarding households and things like that?

MS. CARROLL: Yeah, we...I should be getting the copies of it this week so I can review it personally, and I think...I'm not sure if we have a meeting this week or next week, 'cause there was a fair amount of work that everybody needed to do to get to our next set of questions.

COUNCILMEMBER PALTIN: And then, you know, in the recovery part, like say the tsunami hit or the hurricane ...*(inaudible)*... itself. Is there plans to, you know, open up restrooms, public restrooms for folks? You know at the Launiupoko fire situation I believe it was the year before last, everybody had evacuated down from Launiupoko to the wayside park and they were waiting there for many hours without bathrooms open. You know when we were cruising around Lahaina after the firestorm, all the bathrooms were shut down and people were evacuated out of their houses. So, is that something that you're currently taking into effect? Like, you know, if the situation were to repeat itself where people are evacuating, is there going to be public restrooms at our public facilities available for folks that have, you know, last time there were people, like hundreds of people just in the parking lot at the Cannery, hundreds of people down Mala, you know, just no facilities for them. Or, you know, do we have like a bunch of bucket Porta-Potties to dispatch or is there any plan for people's needs to...and keep the health concern? I mean even with the COVID when it originally started and we shut down our public restrooms, that was a concern and I believe it still is to some extent a concern and it's a human health situation. So, is that something that we're also working on?

MS. CARROLL: I'll be honest, I have...we have not gotten that far into our discussions. We were more concerned about pre-storm what we're going to do, but I'm going to make this a big note on mine that we add this to our discussions. And I suspect that the answer will be several layers insofar as what areas are most damaged. And then of course whether Park personnel can get to the other areas to get them open. But I don't have a good answer for you, I will put it on our agenda to talk about with the shelter committee.

COUNCILMEMBER PALTIN: Because Mr. Andaya and I have talked about, you know, in the recovery phase, camping as, you know, a place if there's a lot of damage to houses and things. And, you know, our parks could serve as like a campgrounds with running toilets and whatnot. So, and then, you know, you can set up maybe a cooking area if people just bust out their woks and propane tanks and, you know, just feed the masses like that. But, you know, I think recovery is also important phase to not be left out of the plan.

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MR. ANDAYA: Madam Chair, if I can add to that?

VICE-CHAIR SINENCI: Go ahead, Director.

MR. ANDAYA: Oh, Mr. Chair, sorry. So, yes, Councilmember Paltin and I did have that discussion about tents, and in fact we were looking at that, using...the possibility of using that as like an isolation. So, in the event that we needed more isolation like areas, you know, that we would use tents for that purpose. And so, but that would be just, you know, a last resort. And so, of course we try to put people in rooms and whatnot, but we did build platforms for tents. We built a number of them and so we were planning to use that for in the event that we become overwhelmed and we needed more areas, more rooms.

COUNCILMEMBER PALTIN: Thank you. Thank you for this opportunity, Mr. Chair.

VICE-CHAIR SINENCI: Mahalo, Member Paltin. It looks like the Committee Chair King continues to have some technical difficulties. So...

MR. ANDAYA: Mr. Chair?

VICE-CHAIR SINENCI: Go ahead, Director.

MR. ANDAYA: Mr. Chair, if I may, I am terribly sorry but we have a 10:30 VTC with the Governor and the mayors and it's happening now, in fact the Mayor just walked in. so, if I may --

VICE-CHAIR SINENCI: Yes.

MR. ANDAYA: --excuse myself at this point.

VICE-CHAIR SINENCI: Yes, we'll go ahead and excuse the Department at this time. Thank you, Director Andaya and Ms. Carroll. Have a good meeting.

MR. ANDAYA: Thank you, Mr. Chair.

VICE-CHAIR SINENCI: And so...thank you. So, Members, it looks like we've reached our mid-morning mark and so we're going to take a break to 10:45, and then we'll bring up our second item, CAR-8. So, if no objections we'll take a recess at this time.

COUNCILMEMBERS VOICED NO OBJECTIONS. (Excused: TK)

ACTION: DEFER PENDING FURTHER DISCUSSION.

VICE-CHAIR SINENCI: Okay, the CAR Committee is now in recess till 10:45. . . .(gavel). . .

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RECESS: 10:33 a.m.

RECONVENE: 10:48 a.m.

VICE-CHAIR SINENCI: . . .*(gavel)*. . . Will the Climate Action and Resiliency [sic] Committee please come back to order. It's 10:48 and I am Shane Sinenci, the Vice-Chair of the Committee and just taking over while Chair King has, deals with some technical issues. So, at this time we have our second item.

UNIDENTIFIED SPEAKER: . . .*(inaudible)*. . .

VICE-CHAIR SINENCI: Oh, go ahead.

CHAIR KING: Yeah, I just wanted to go ahead and I know you can't see me so that's my technical difficulty. But let me just go ahead and give the intro on this because I have some information that was just uploaded to Granicus. And...

VICE-CHAIR SINENCI: Okay, Chair King.'

CHAIR KING: Okay, so thank you. And then I'll let...I'll turn it back over to you to chair while I'm trying to figure out my technical issues.

CAR-8 AN ENTITY TO COORDINATE CLIMATE ACTION, INCLUDING MITIGATION AND ADAPTATION (CC 20-15)

CHAIR KING: But we're on our second item for today, the CAR-8, An Entity to Coordinate Climate Action, Including Mitigation and Adaptation. And so, Members, we have our Environmental Coordinator from the Mayor's Office, Makalea Ane here with us today. She's going to be discussing the new Office of Climate Change, Sustainability, and Resiliency, and the plans for the proposed office. In doing so she will also provide us with updates on plans for resiliency hubs, the County of Maui resiliency strategy, and Aloha+ Challenge dashboard, and virtual environmental initiatives during the COVID-19 pandemic. And I also wanted to mention that on Granicus there's a link to the City and County of Honolulu Office of Climate Change, Sustainability, and Resiliency. So, you can see this office that I think we're trying to replicate here on Maui has developed a resiliency strategy which was adopted by Oahu, the City and County Council last year in October. Now, they're all working on a climate action plan which is a...addresses a specific aspect of the climate resiliency principles. So, that's something that you can kind of take a look at on Granicus when you have a chance. And I'm going to go ahead and turn it back over to Shane because my screen has frozen up again. But, Shane, if you can introduce our presenters and get them started on a presentation. I can hear what's going on, I just can't see anything right now.

COUNCILMEMBER KAMA: Chair?

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VICE-CHAIR SINENCI: Okay. Thank you, Chair. We'd like to recognize Member Kama who's also joined the meeting.

COUNCILMEMBER KAMA: Thank you, Chair.

VICE-CHAIR SINENCI: Okay. And then so at this time we're going to receive the presentation from Ms. Makalea Ane. And it looks like she's already sharing her screen, so go ahead, Ms. Ane.

MR. BAZ: Hi. Mr. Chair or Vice-Chair, this is Sandy Baz. I'm joining Makalea as well.

VICE-CHAIR SINENCI: Oh, excuse me. Welcome, Director Baz.

MR. BAZ: So yeah, thank you for having us this morning to discuss our Office of Climate Change...Climate Action, Resilience...Sustainability and Resiliency. We do have of course Makalea Ane who has been the lead in organizing this with...in coordination with the other counties and the Mayor initiative. So, we're going to go ahead and get started if you don't mind. Makalea is going to...

MS. ANE: So, on the screen we have the Hawaiian translation for this new office and we chose Ke`ena O Hoholu. And so, the background of the slide it's the makaloa reed. And so, to us this idea was the Office of Resiliency, how the reed is in the estuary and is paa ka aina, it's solid and deeply rooted. And with the ebb and flow of the estuary, the waters coming in and it bends and flows and when it goes out it flows back and it provides habitat for fish and birds. So, this really embodies this new idea of this new resiliency office.

MR. BAZ: So yeah, thank you. That was a good explanation and briefing. We're really trying to base this on our own understanding of climate, culture, land and . . . *(inaudible)*. . . connected. So, you know, this year has been marked with many climatic events that have been exacerbated by climate change, and we as a County, both the Administration and Council have shown tremendous leadership in addressing these issues. These include many actions by the Council including Resolution 19-98 affirming the County of Maui's commitment to the Paris Climate Agreement; prioritizing the climate change and resiliency during HSAC; declaring the climate emergency Resolution 19-209; and the culmination, establishing this Committee, Climate Action and Resiliency [sic] Committee. So, the Council and the Administration really want to prioritize this and make sure that it's important. So, this Administration has acknowledged these desires and we'd like to support our collective effort by creating this special Climate Action, Sustainability and Resiliency Division under the Mayor's Office, also known as Ke`ena O Hoholu. Next slide. All right. So, you know, in everything that we do, you know, we're looking at this triple bottom line that's been, you know, a term coined actually a number of years ago but really looking at, you know, we're making sure that we're including environmental protection, the people and culture as well as the fiscal responsibility. And for, you know, businesses that's important, the triple bottom line, for government it's incredibly important. So, this new division will be supported with adequate resources

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and can be well positioned to share promising local practices focused on sustainability and resiliency; pilot initiative solutions on sustainability and climate mitigation adaption; leveraging investments in energy, telecommunications, transportation, and other technologies to participate more effectively in regional and global economies; pioneer nature-based solutions that enhance coastal resiliency and prevent coastal erosion in the face of sea level rise and intensifying storms and natural disasters. The model is effective in local implementation of the United Nations sustainable development goals throughout the County of Maui through its Aloha+ Challenge, through our resiliency hubs and other resiliency efforts, many of which have been employed during this pandemic. We really appreciate the Economic Development and Budget Committee review and support of the transition of this office from within the Office of Economic Development into the general program within the Office of the Mayor as well as supporting with additional staff. We hope to continue that support and continue those efforts for . . . *(inaudible)* . . . we want to be accountable to not just the Council in those efforts but also to our community, really important. So yeah, this is the basic structure City and County Honolulu has, they're under the managing director, under the mayor and then under the managing director and then they have the chief resiliency officer, you guys are familiar with Josh Stanbro and deputy and they have quite a bit of staff under there. Many of them are grant funded, some are supported through general fund of the county, but we're looking forward to, you know, they've been developing this a little bit sooner than we did so we're kind of catching up. But Makalea has done a wonderful job in incorporating the base of knowledge and expertise and efforts that they've done into our future. So, I'm going to turn this over to her and she can continue on.

MS. ANE: Thanks, Sandy. So, I just wanted to talk about some of the programs and initiatives that we currently do right now, and then we'll be transferred under to the Mayor's Office and continue through this new Office of Climate Action, Sustainability, and Resiliency. So, currently we have several different initiatives that we presented to you previously so I'll just go over them quickly. So, we have our renewable energy initiatives are the energy saving performance measures and EV charging stations. Those are...an RFP had gone out for both of them recently so we're reviewing the proposals, and really those...we're trying to find creative financing solutions, and so the energy savings performance measures will help us beef up our like LED lights and different resiliency efforts within the County. And the cost savings would be kind of their payment. And so, and then the other one is our EV charging stations, so there's the transfer of the old EV charging stations, their contracts have run out and so now we have to find who...a contractor that's going to do the upkeep and maintenance and expand that program. And so, we had several applicants so we have different creative financing solutions that have been offered to the County. Some have been lease agreements, some are purchased outright, some are pay as you go. And so, we're...Alex de Roode our Energy Commissioner is evaluating those. Some of the other initiatives are a climate action plan which Chair, Committee Chair had talked about Oahu doing their climate action plan. Theirs I believe is a community-wide action plan and so ours actually is going to be just our County operations so we're going to look at our greenhouse emissions, our efficiencies within the County and then develop different ways and action steps that we can reduce our greenhouse gases, saving

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money, and being environmentally responsible. So, that's our climate action plan. And then we have our County of Maui resiliency strategy which I'll talk about in a couple slides later on. But it's, this is one is the community-level resiliency plan and then we're also integrating climate...community-wide climate action initiatives and action steps. So, this is going to cover adaptation, mitigation, and recovery. And so, this...COVID has really helped us really evaluate some of the action steps that were maybe going to go into the resiliency plan, but really it's like a test like our whole economy's been turned upside down and our County operations have really had to adapt and to a real life situation, a real like, real life shock to our system. And then we've also been doing department vulnerability assessments, and so Alex and I have been involved in a few that are going on right now. DEM and Parks are doing their vulnerability assessments, and then we're hoping to get the rest of our departments to do ones as well. And so, really our job is to help look across departments and make sure that all of them are really integrating the same base modeling and information and also projections. So, you know, medium, low, and high risk, and what...those also correlate to how much funding we're going to have to put into infrastructure upgrades due to climate change. So, something that I'm really excited about is this our new Maui County Aloha+ Challenge, and so all the counties have signed on to the Hawaii Green Growth Aloha+ Challenge so we've created our Maui County one. And you can...during the COVID pandemic we actually went live with this dashboard and it's...you can find it at mauichallenge.org. And this is a dashboard that helps the households, that will really look at their carbon footprint and what can they do and action steps to help reduce that footprint. So, this dashboard will help, you know, you save electricity, again thereby save money and save the planet. So, on that dashboard if you log in, there is different action steps that you can take that range from, you know, minimal input like financial input. Some are easy, just dry your clothes on the line, you save electricity, you use the sun to dry your clothes and they smell good and it doesn't cost anything. You can do...we also have different action steps for rain barrels. I think our Department of Water Supply even has a rain barrel catchment program. And then we have some bigger ones like, you know, bus transportation, and then either leasing or buying EV cars. And so, there's about 50 or 60 different action steps, and each action step has a little calculator and you can input it...input your own household energy use, and then if you take that action step, how much that action step is actually saving you money. And then there's also different toggles where you can look at specific resources that are available to the homeowner and other like links to organizations. So, we can highlight the organizations within our community that are actually doing these things that can help you. We're going to upload some do-it-yourself videos where you can install these devices and save money. The next thing that we did during COVID was that we partnered with the Miami Beach, the City of Miami Beach, and so they have this thing called Sustainachella. And so, we're doing these virtual hua kahi is what I call it from Maui to Miami. And so, we have different workshops that we host via Facebook Live and Zoom that highlight the work that our organizations are doing to really help the environment. And to me during this time like, you know, stay at home, work from home, you're in your house and you're yearning to go back outside, now we can finally go to the beach, but we really, we wanted to take people outside and get them to do something fun and innovative and learn about cool environmental programs and just kind of keep their mind off of being

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isolated and quarantined. And so, we've had huge success with this program. I think Facebook Live we reached at one of them was like 1,500 Facebook Live viewers, another was 3,600 I think for our plastics workshop. And so, Tamara Farnsworth from EP&S was our guest speaker for that one. We had Maui Nui Botanical Gardens, Puu Kukui Watershed Preserve, Maui Nui Marine Resource Council. So, we had a lot of different Maui organizations participate so they got a lot of exposure through the Facebook Live, but they also had...there are also Zoom meetings or Zoom workshops and so we had about 50 people sign in via Zoom and they do this cool Kahoot thing at the end where you get to challenge each other and then win a prize at the end. So, the next virtual hua kahi is going to be on May 20th and we're featuring The Nature Conservancy which their marine program is a grantee of OED and that's going to be on coral reefs and their community-managed makai areas. So, join us for that and you can look on our County Facebook page for more information. So, some other, we...Alex and I really partner with the other four counties or the other three counties in a lot of things that we do so that we can really learn from their work. We had talked about the resiliency strategy that Oahu had done already and they launched, and so we collaborate with them closely and also...and look at, you know, learning from what they've done already. And also really using our collective voice. Here on this slide is talking about our Leg package and so all four county mayors had signed on to and approved different legislative bills that we were going to back during the, this Leg season. And so, these are the ones that actually survived and weren't killed. We had about eight and two of them are, got scheduled for hearing. We're hoping that if they get to them, they can schedule the rest and we can move on. Maybe if things aren't heard this year then we'll have to go again next year. So, there's...I think I e-mailed you the list of all of them. It's the County Sustainability Coordinator Network's priority build list for 2020. And so, the highlighted ones are sea level rise disclosure where upon the sale of a house like when you're going through escrow you have to actually disclose that you're in a sea level rise area so that the County won't be liable for any damages if, you know, sea level rise comes and they're going to claim any damages that they have this document that says, you know, you disclosed that you were in this area. We have energy benchmarking. And one that we really worked closely on was the taro biosecurity bill and that was to stop foreign imports of taro coming in through domestic sources like California and Washington into Hawaii that were contaminated with...there's a whole list of like 20 different pests and pathogens that are coming in with taro and so we wanted to protect our most important cultural crop. Sadly, that bill didn't get heard. It was introduced by the Speaker of the House but wasn't scheduled. And so, another taro bill that is still live is a taro tax relief bill. So, just like we give a relief to our film industry, for any monies made in Hawaii we would give up to the first \$100,000 of income derived from taro sales in the State of Hawaii would be exempt from Hawaii State taxes. And so, that one's doing really good and it got, it crossed over. And a lot of people are thinking that there's implications for broader incentives. And so, maybe if this one gets passed this year, maybe we can extend those to other crops that are native to Hawaii or Polynesian introduced or, you know, bigger ag implications. And then there's a shoreline erosion and setback bill, and a clean energy revolving fund. And so, that clean energy revolving fund would actually help give funding to homeowners, like extend funding to different incentives and PV panels and stuff like that. So, those ones I'll keep you guys abreast of if those

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get scheduled. And so, this is our County of Maui resiliency strategy and resiliency survey. We had taken a lot of different plans, there's tons of plans out there that we've done over the years including the...we update our All Hazards Mitigation Plan every five years, we have our community plan, Island Plan, West Maui Community Plan. And then now since COVID started, we've had a lot of surveys coming out. So, we really wanted to take all of this information and glean really the most important initiatives and action steps that our community really...that means a lot to our community. So, even our...the...your County's...the new normal survey we have your results from that survey, and we're analyzing that information to what initiatives and what action steps really do...are important to our community. And so, we created . . .*(inaudible)*. . . to kind of put all of those, we crosswalked all of those plans is what they call it, and you have to take like the top initiatives and see what kind of floats to the top out of all of them. And I mean all of them are, you know, housing and education and environmental protection, and so how do those...what specific action steps can we actually take? And so, we've put into...the City and County of Honolulu they have four pillars so we kind of wanted to make sure that we're hearing our people's voices. So, we looked at everything and we actually created three pillars, so it's malama kanaka, honua momona, and malama ola. And so, all of these action steps will fit under those three different pillars. And so, we're working on those right now, and we'll...we're working with all the different departments and the Mayor and hopefully some representatives from Council to really look at those action steps and initiatives and produce this resiliency strategy by the end of the year. And so, this is what...this is the Ola, City and County resiliency strategy. And so, we're going to look, you know, have the same look and feel and different things in the plan. And so, you know, the description of the action step, how long it's going to take, what kind of funding, who's going to be the lead agency. And then also align it to the HGG, Hawaii Green Growth Aloha+ Challenge and United Nations sustainable development goals. So, we'll have all of that in there, and then also really highlight our community members and community organizations that are doing this already. Who...what services are being provided already, how are we already being resilient at the community? And a lot of this COVID organizations that have popped up and initiatives that have come about right now we can really highlight it and say look, these were needs from the community during this time and look how the community pulled together and provided these services. And they, you know, everybody had to turn on a dime to really react. So, our community has really stepped up and we'd like to be able to highlight that. And so, from the Ola resiliency strategy from Oahu, they had...we worked closely with the other environmental coordinators and they've...we've helped to take those action steps that were in the Oahu resiliency strategy and create shovel-ready projects. And just, I mean these are ideas of different things that could come out of this and how we could take those action steps that are in the strategy and create economic stimulus. And so, we...this is just a quick slide about how we did actually using Oahu's strategy to help us create initiatives. And so, one that we've been hearing a lot about is the, our resiliency hubs. And so, with leveraging County funding we would like to go after...OED's grant writer and myself and Alex have been putting together a proposal to the Federal Economic Development Administration and so this is to help retrofit and support CIP funds that are being allocated to the Parks Department for different upgrades and really just building resiliency, extra resiliency

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into these facilities. And on the slide you can see that Oahu actually has already done a resiliency hub and so they had...they've used like KEY Project and a couple community centers as a resiliency hub to do testing. So, it can really adapt to the different shocks and stressors to our economy and our island and really respond to what are the needs of our community. And then we also don't just spend money, we hopefully would like to leverage County funding and get funding from other sources, State and Federal agencies and also other foundations and nonprofits. And so, the Hawaii Community Foundation, all the four mayors I think during climate week and the climate mayors' summit that they had had created a Strong Campaign. So, we had Maui County Strong and you can actually go to the Hawaii Community Foundation page and this is kind of a clearinghouse from a really vetted foundation that people can go and donate during this time of crisis and, you know, donate to this, the Strong Campaign. And then but also ask for services as well, so apply for funding that would...is especially targeted for resiliency. And so, we have our strong campaigns on HCF's website, but then they also have a resiliency fund that started off with like \$30 million from _____ and really ramped up and have been getting a lot of support. And then there's the People for Places where we're doing...we're hoping to do wellhead protection on Molokai with the DHHL community there. So, bringing in funding or providing funding to Hawaii Community Foundation to do these things. And these are partnerships. We also have the Department of Health, EPA Clean Water Act has funding to do water quality testing in West and South Maui. So, there's like \$40,000 that they want to be able to give through the County and give it to an organization that's doing water quality testing which Hui O Ka Wai Ola is the only one that has a QAP, a quality assurance protocol for the Department of Health so that they can do water quality testing and Department of Health will actually accept it. And I...OED through this past year had given funding to The Nature Conservancy to actually do a template QAP so that this would be available to any organization that wanted to do water quality testing. And really it laid out the foundational really backbone of what a QAP takes which is really arduous and really long. And so, then they would just kind of give them the foundation, and they have to, you know, put in who's the one looking at the data and analyzing and making sure that it was collected in a proper way. So, that was Fiscal Year '20 funding through OED. And then also we have...this is my last slide I think. We also have a grant with the City and County of Honolulu and KUPU AmeriCorps program to be able to have two AmeriCorps VISTAs join us in this new Climate Action Office. And one of them will be a resiliency and equity specialist, and one will be a renewable energy and greenhouse gas sequestration specialist. And so, one is funded through City and County and one we hope to fund for a position through KUPU so that we can really beef up our outreach and get community input into our resiliency strategies. So, that's it. If you guys have any questions for Sandy, I won't take any. No.

MR. BAZ: Okay. Hold on one second. Okay, there we are. Hi, everybody. Okay, hopefully that presentation gave you a good overview of the activities and items we've been working on and what we hope to work on in the near future. So, thank you, Chair.

CHAIR KING: Okay. I'm actually back, can everybody hear me? This has been really frustrating, I have to apologize. I don't know what is going on with my computer, but

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it's never frozen up to all the way through budget, and today it's been doing it all day long. But thank you so much, Sandy and Makalea. That was really impressive, you know, how much you guys have done and, you know, looking like you're going to hit the ground running as soon as this office gets finalized. So, I am really excited about where you guys are at and how much collaboration you've done with City and County on Oahu. And I'm going to go ahead and open it for questions. We'll start with the other end of the Chambers and we'll start with Member Kama, our Pro Temp Kama who joined us right after the break. And any questions or comments?

COUNCILMEMBER KAMA: Yes, I do, Chair. Thank you very much. And thank you, Mr. Baz and Ms. Ane, it was...I was really impressed with that and I'm really excited to hear what they're doing. So, I just wanted to ask a couple of things. One, I liked your presentation, I liked seeing all that information, I just can't read fast enough. So, are you able to send that over to us? Because I'd like to take a deeper dive into, you know, some of those things. Thank you.

MS. ANE: Yeah, no problem. I think I sent an e-mail through your...the e-mail --

MR. BAZ: Committee Staff.

MS. ANE: --address...the Committee Staff.

CHAIR KING: Okay. We'll get that --

COUNCILMEMBER KAMA: Okay.

CHAIR KING: --distributed to everybody.

COUNCILMEMBER KAMA: Thank you. Thank you. And then the second thing, you know, I'm really excited about what is actually going on in the Hawaiian Home Lands' communities Statewide but more important about what's going on here on our own island with the homestead associations. So, I'm wondering if you have ever connected with, especially the one Upcountry Waiohuli, Keokea, the Pa'upena Community Association that they're working on so many of the issues that you described today in your PowerPoint and if you've made a connection with them regarding that.

CHAIR KING: Director?

MS. ANE: So, we haven't reached out yet, we, we're trying to get all of our resiliency survey questions and glean all the information from all the other plans first. And then with these two Kupu VISTAs that come in we really wanted to do a lot of outreach to the community to get their input. A lot of stuff have actually come from Facebook so far but definitely reaching out to the DHHL community. And we really feel like just because we're the County that and you're on specific . . . *(inaudible)*. . . , that that doesn't matter, you are still our residents and we want to make sure that we have your input and these...and make sure that we're all resilient as a community. So,

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once we get the VISTAs onboard and we have this new office established, definitely look out for more community outreach activities.

COUNCILMEMBER KAMA: And last one, Chair, so, Ms. Ane, have you looked at the Maui Island Plan and the regional plan for the Department of Hawaiian Home Lands that they have for each community?

MS. ANE: Yeah, yes, definitely. And then I was also part of the Waichu Kou resiliency --

COUNCILMEMBER KAMA: Yeah.

MS. ANE: --initiative that happened.

COUNCILMEMBER KAMA: Yes.

MS. ANE: So yeah, definitely. And they...we would like to address all of those concerns. And really a lot of them are the same, like affordable housing and access to education, sea level rise.

COUNCILMEMBER KAMA: Right. Yes.

MS. ANE: Yeah.

COUNCILMEMBER KAMA: Yeah, yeah. Thank you. Thank you, Chair. Thank you, Mr. Baz. Good job. Looking forward to all the information.

CHAIR KING: Thank you, Pro Temp Kama. Thank you, Department. And we're going to go next to Councilmember Paltin and then followed by Councilmember Hokama.

COUNCILMEMBER PALTIN: Thank you, Makalea, for your presentation. My first question . . . *(inaudible)*. . . you said something about where you could go on online and I tried to type it when you said it, but I guess I must have misheard because I didn't see that same page come up that you were referring to. Can you repeat the online...

MS. ANE: So, it's www.mauichallenge.org.

COUNCILMEMBER PALTIN: Oh okay. Sorry, I put the Aloha+. Mauichallenge.org.

MS. ANE: Yeah.

COUNCILMEMBER PALTIN: Okay, cool. Then...

MR. BAZ: And just a note, there was a...the "e," the last "e" is missing on the slide itself so it is spelled out mauichallenge.

CHAIR KING: Okay, so you need the "e" on the end of "challenge."

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MS. ANE: Were you when I was making this?

MR. BAZ: . . .*(inaudible)*. . . Okay, sorry about that.

COUNCILMEMBER PALTIN: The other question...one more question about like, you know, the resiliency hubs and things like that and kind of how we just had the meeting with Maui Emergency Management Agency, and I would think, you know, I mean resiliency hubs are a year-round thing but more so needed in the recovery of any disaster. And so, my first question is how much are you coordinating with MEMA as to like recoveries from disaster and in that kind of collaboration, the opportunities to when we come back, come back more sustainable, more resilient than what we were prior to the, whatever disaster it would have been? Is there plans or are you already coordinating with MEMA on the recovery phases?

CHAIR KING: Mr. Baz?

MR. BAZ: Yeah, so thank you. So, we're...we've been working on...in the development of new facilities, making sure that like the South Maui Gym making sure that they can withstand a Category 3 hurricane. For older facilities, you know, retrofitting those may or may not be feasible. Those are the kinds of things we're taking a look at. But as far as...so there's different steps of a hazard as you heard from Herman right. So, during the hazard is one thing, and then after the hazard is really important and that's where, you know, the resiliency is key, because once the hazard happens, we need to make sure that we can get up and running, you know, as soon as possible. And so, yeah, we may have a building down here or there, but do we have the networks, the facilities, the support to get things back up and running, our services to our community? That kind of stuff is real critical, not necessarily just the physical plant.

MS. ANE: And then our Maui County Strong Campaign is actually helping before a disaster happens. What can we put into place in these facilities that the community would need? What kind of contracts maybe that we would have with waste disposal companies so that make sure that if a disaster happens, we're not scrambling and trying to do an MOU or contract with them when it happens, it's already set in place? And then maybe if we need camping facilities or I know we had a lot of homeless shelters and homeless facilities, having those things ready to go, having it permitted for specific areas so that when it happens that we're ready to, you know, have the tents and cots and all of these things ready. So, doing more of the frontend stuff.

MR. BAZ: Yeah. So, and I...

UNIDENTIFIED SPEAKER: . . .*(inaudible)*. . .

MR. BAZ: Okay, go ahead. Sorry.

COUNCILMEMBER PALTIN: Glad to hear that. I just was wondering if there . . .*(inaudible)*. . . and the climate...Ke`ena O Hoholu. Or if you guys are

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...*(inaudible)*... talking with each other and making plans or ...*(inaudible)*... and they're doing their thing I guess was more my ...*(inaudible)*...

MS. ANE: Yeah, so we definitely want to leverage each other's resources and funding and not duplicate efforts. So, we actually for the Maui County Strong Campaign, Herman actually, Director Herman Andaya actually had done the MOU for us with Council Services. So, we work closely together and if it fits under him, you know, they...he manages those contracts and yes ...*(inaudible)*...

COUNCILMEMBER PALTIN: And is any thought given to like, you know, if the government were to have all these contracts ...*(inaudible)*... if the private sector needed some, would there still be available? Like say the government gets all the Porta-Potties available after one disaster and the public needs access to a similar type of resource, is there any help for the public to go about getting their own contracts? Or is the design for the government to be the sole source of all Porta-Potties for example?

MR. BAZ: Generally in hurricanes, things like that we've had in the past, we don't take all of the stock of Porta-Potties or different resources that are available. I know during this current pandemic, there's been a challenge on personal protective equipment and that's, you know, a worldwide challenge and just because the pandemic came so quickly ...*(inaudible)*... chance just completely prepare for it. But when, you know, we do have some agreements already in place for things like Porta-Potties and that kind of stuff so they can get out there as soon as we open up shelters. A lot of the coordination efforts are with the American Red Cross and so that's been a challenge. You know their volunteers are just volunteers, they get a little bit of support from us and a little bit of support from different other, you know, national and Statewide things. But, you know, that's something we really gotta look at especially in this new, you know, COVID-19 normal if you want to call it that is that, you know, social distancing is or physical distancing in a shelter is going to be a challenge. And so, how do we deal with that. But making sure that our community...and some of the things that we were discussing is, you know, maybe we'd work more towards getting the community members prepared and not have to come to a shelter. That would be, you know, something where then they can shelter in place and not have to interact with other people. And maybe the outreach happens more at their location than everybody congregating at a single shelter. Those are the kind of discussion topics we've been having.

COUNCILMEMBER PALTIN: Thank you. Thank you. I'll yield my time. I know everyone else has plenty of questions. Thank you for your responses and your presentation and my opportunity, Chair.

CHAIR KING: Thank you, Member Paltin. So, we're going to move on to Councilmember Hokama followed by our Council Vice-Chair Rawlins-Fernandez. Mr. Hokama?

COUNCILMEMBER HOKAMA: Thank you, Chair. So again, I appreciate the comments given this morning. My disappointment is I thought we'd...you'd be presenting us more with your concept or your structure and lines of duty and responsibilities regarding this

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potential new branch or division within the Office of the Mayor. And so, let me just state that, you know, I viewed your portion to be part of the pre-disaster coordination efforts regarding climate impacts and mitigation plans. Once the disaster hits though, I expect MEMA to take over and be the operational head. So, is that a good understanding, Mr. Baz?

CHAIR KING: Director? If you want to give any information on the structure too that this would be probably a good time if you have any of that information yet on the actual office.

MR. BAZ: Sorry, I just noticed we were muted. So yeah, I'll try to describe that. In general all of our County operations, departments have what we call continuity of operations plans. And so, each section responsibility is placed within the department to help develop that pre, as you mentioned that pre-disaster planning, pieces like that. And then once we're in a disaster and then in coordination with the efforts of...and let me say that Emergency Management Agency organizes all of those coup plans and we work together to be able to deal with an emergency when it happens and then the recovery piece of it afterwards. And what this office will do is be significantly more integrated to Emergency Management than some of the other activities, because they're working with getting not only the County, you know, at first the County but then also the community in that preparation piece of what it takes to be prepared for any kind of a disaster or issue and then how to help the recovery from that in a more sustainable manner here within our community versus just depending on the national stockpile to refill us with the PPE or stuff like that. Bad example but, you know. So, that's kind of really the factor. During an emergency, HRS 127A it definitely goes into place. The Mayor is the director and the Emergency Management Agency runs the incident just like we're doing now and those factors are dealt with at a different level. And so, like the pandemic we have right now is a health-related issue so Department of Health is in joint concert with MEMA and/or even HIEMA, the Statewide emergency management for that coordination piece.

COUNCILMEMBER HOKAMA: Okay. Yeah, thanks for that response. I have a quick . . . *(inaudible)*. . . is eventually you plan this, once this entity is set, up we're going to move it to maybe Management and make it a civil service program with standards and qualifications to be met, or is this going to be a, proposed to stay as an appointed type of program for employees?

MR. BAZ: So, those are really good questions. The Mayor had wanted to move quickly utilizing the resources that we had available to us in the existing budget so that's why Makalea is our Environmental Protection Coordinator and Alex in energy and other pieces, you know, and just been working on this together. He felt that having it in the Office of the Mayor gave the opportunity for us to be able to do responsive quickly without having to deal with any significant structural changes. We appreciate again the Council helping move the positions outside of the OED program into a new program so that . . . *(inaudible)*. . . have a little bit more defined function. But any other changes we'd probably want to look at a Charter amendment to look at the structure, where it should be placed. I do have, you know, long term it may be good to

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have a little bit more consistency and civil service, things like that. But for right now for what we're doing the immediate need it felt that the Mayor's Office was the best place for it and the flexibility there.

COUNCILMEMBER HOKAMA: Okay, I appreciate that response. The last thing I had for you this morning, Director, is would be great hearing the various programs you're running, the role that the County actually has. So, certain things that you folks mentioned earlier, I know the County is part of an advisory consultant component that provides coordination and implementation. Other things we have jurisdiction by authorization, whether it be by Federal law or by County Charter, and so it would be helpful I think for our community since down the line the issue of who has governance needs to be made clear at the start. And I think one of the things we need to do for our community is having them understand the role of where we have authority versus where we have a role of only giving consultation and advice regarding certain government policies. That would be to me very helpful because I get people asking me about State Health Department things and whatnot that we have no jurisdiction on. Okay. But we're the face of government per se so we get the queries from our constituents, our residents, our neighbors. One of the things that I feel we've been lacking in education as well as general civics is the understanding of governance and who is the appropriate level of government that has the assigned responsibilities. So, if you guys could work on that, that would be very I think helpful for everybody, Mr. Baz.

MR. BAZ: Yes, for sure. Thank you. That's a very good point. Even during the current pandemic, there's been some challenges to who has the controlling authority and responsibility so those are even now being worked out if you guys haven't noticed that. Thank you.

COUNCILMEMBER HOKAMA: Thank you, Chair.

VICE-CHAIR SINENCI: Mahalo, Member Hokama. It looks like Chair King is out again so we'll go ahead to Council Vice-Chair Rawlins-Fernandez for your line of questioning.

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Vice-Chair. Mahalo for that presentation, Managing Director Baz and Ms. Ane. Quick follow-up to Member Hokama's question, in City and County of Honolulu where does their Office of Sustainability fall?

MR. BAZ: Their office on the slide there, Slide 3 has an organizational structure. They're under the managing director, direct...the chief resiliency officer directly reports to the managing director.

COUNCILMEMBER RAWLINS-FERNANDEZ: Okay, mahalo.

MR. BAZ: Their structure of managing director and mayor is a little bit different than what we have anyway. Yeah.

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COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo. I was just, I was curious and I was trying to look it up and I couldn't find it quickly.

MR. BAZ: Yeah, and they are appointed positions, they are not civil service positions.

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo. Okay, I just had a quick question regarding what you mentioned in your presentation regarding the wellhead protection on Molokai. Would you be able to provide a little bit more details on that?

MS. ANE: Yeah. This is a grant proposal that we're working on with the Hawaii Community Foundation and the Urban Sustainability Directors Network. It's funded by USDN but you need a County sponsor and a foundation partner, and so we both have to work together so that we can leverage each other's fund and time. And so, we had...we were in contact with the UH Manoa to do a program on Molokai with...for wellhead protection and so it falls under one of Hawaii Community Foundation's pillars and they...so they wanted to invest in wellhead protection. And I guess your DHHL community uses wells, well water for agriculture and so...

COUNCILMEMBER RAWLINS-FERNANDEZ: So, I'm assuming you're using...you're talking about the Kualapuu Wells?

MS. ANE: Yes.

COUNCILMEMBER RAWLINS-FERNANDEZ: Okay.

MS. ANE: Yes. And so, then...so you...we wanted to work with UH and Hawaii Community Foundation to be able to support activities in that area. To...right now initially it's just a planning grant so we'll _____ a small portion to outreach to the community, see what kinds of activities community wanted to do in that area and make sure that that well is protected. And so, you know, being able to use the water wisely. I think some ideas that had come out of it was to look at smart irrigation and putting in USGS rain gauges. So, I know Aurora, she's from UH, she had reached out to the community and was coordinating that, you know, contacts on island, and we haven't started any of the grants yet, we just wanted to reach out to the community first and to you and to see who's doing ag in that area and what kind of services would be needed to make sure that, you know, we can have ag on that island. And also, you know, how much water is being used, how we can make sure that water could continue in perpetuity on that island. And so, here in, on Maui we fund a lot of projects through Department of Water Supply for watershed conservation. So, probably eventually after we do this initial scoping work with your community then we can figure out what are the different activities that should be implemented and we can support to make sure that we do promote agriculture on Molokai. So, it's like kind of a nexus between community water and ag.

COUNCILMEMBER RAWLINS-FERNANDEZ: Okay, mahalo for your explanation . . . *(inaudible)* . . . When you said Aurora, is it Aurora Kitagawa?

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MS. ANE: Kitagawa, yeah.

COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. And so you know that the main problem with the wells in Kualapuu is that it's like 100 yards within each other, four wells sucking up water...

VICE-CHAIR SINENCI: Can Members mute their...if they're not speaking, thank you.

COUNCILMEMBER RAWLINS-FERNANDEZ: And DHHL, so our ag water is Molokai irrigation system and it...we shouldn't be using potable water for ag.

MS. ANE: So...

COUNCILMEMBER RAWLINS-FERNANDEZ: So, to support our wells, our potable water, the goal would be to expand our irrigation system so that less people are using potable water to irrigate their crops. But I'm really happy to talk story with you more offline about this. But if you'd like to comment you can too.

MS. ANE: Yeah. I mean yeah, this is just the scoping grant to find out those things, find out what's...what are the issues and who's doing ag and how do we support this moving forward and resiliency efforts for all of our islands in Maui County.

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Ane. Mahalo, Director Baz. Mahalo, Vice-Chair.

VICE-CHAIR SINENCI: Mahalo, Member Rawlins-Fernandez. Next we have Council Chair Lee.

COUNCILMEMBER LEE: Okay. Mr. Baz, Ms. Ane, thank you for sharing your plans and upcoming initiatives. It sounds very exciting. I love your enthusiasm. I know you have many more details to work on and will be sharing those plans as they unfold and develop. I'm going to have to jump off this meeting in about five minutes so I just wanted to let you know that I'm very supportive of what you're doing. As Mr. Hokama said, yeah, we need to know more of the structure, of the details, but I'm sure you're working really hard on those, putting them together. So, I look forward to hearing more of your progress in the coming months. Thank you very much.

MS. ANE: Thank you.

VICE-CHAIR SINENCI: Mahalo, Member Lee. I don't know if we have Chair King back online but I'll proceed with a couple questions. Again, mahalo, Ms. Ane and Director Baz, for that presentation. I'm also excited that you guys have advanced with this. I guess my question was, you know, at the risk of being fiscally responsible the Council had cut the climate action budget this year, so...for next year, 2021. So, is it...have you guys quickly adjusted to that and are you able to continue with some of your objectives for 2021?

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MR. BAZ: Yeah. Well, yeah, thank you for, you know, the acknowledgement of support. We appreciate, you know, the support that we get. Obviously we're not going to be able to do everything that we planned with the funds that was allocated but we can definitely get started. You know, one of the things that we're working on is the sustainability, you know, within this office to make sure that we're getting more grant monies and things to cover the office's costs as well as the other costs of the things that we implement. There are, you know, as Makalea mentioned quite a bit of grants available, things that we've gone after, really making sure that we can. So, you know, we may, you know, have to come back to you with more funding requests should the need come arise, but, you know, we're really looking on...but, you know, we make sure we're accountable for what we're doing too so we're not going to just come and ask you for more money without showing you what we've done and what we're really accomplishing.

VICE-CHAIR SINENCI: Thank you, Director. My second question was it looks like you guys got a couple E/P positions coming over from the Office of Economic Development. So, I was just wondering how these added personnel will help the office?

MR. BAZ: Existing employees that we are removing from OED and placing into the separate office are Makalea and Alex de Roode. So, they're existing employees. I think you, Council supported...they requested two additional positions and Council supported one. So, there...so it'll be an office of three for this upcoming immediacy. Plus the grant revenue positions like she mentioned just...and we're trying to get some other grant revenue available to support the office.

VICE-CHAIR SINENCI: Okay, thank you for that clarification. And then I thought I saw Chair King, so...

CHAIR KING: I'm back here. Can you see me? Can you see me or just hear me? This is...this can't...I can't believe what's going on here with my computer, but I just, I wanted to just thank Managing Director Baz and Environmental Coordinator Ane again for having put this really great presentation together. It's really...very exciting, we're all very supportive. Yeah. And we...and it looks like a lot of foresight went into this and a lot of collaboration which I'm really excited about, because I know they've been working on this kind of thing on Oahu. And so, you guys have really gotten ahead of the issue as far as I'm concerned. You're not...I'm glad you're not waiting till July 1st when this actually kicks in. But and I also want to let you know that if you have policy issues or, you know, ordinance issues, you know, bring them to the Committee, we'll get them on the agenda as soon as possible or also, you know, if they fall into one of the other categories we'll support, you know, whatever we're trying to do but as far as climate action. Thank you for changing your name to align with the Committee because I know before it was climate change and now it's climate action, so we're always glad to see action. And with that I will...I'll try to follow up with you, Makalea, because we've...I wanted to hook you up with the citizens' group that's been meeting as well on some of these issues and identifying Committee priorities.

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MS. ANE: . . .*(inaudible)*. . . that we did use priorities from your working group, the CAR working group had identified...they did a survey and had maybe 100 different votes for different initiatives. So, we incorporated your working group's initiatives into our survey as well...into our . . .*(inaudible)*. . . as well.

CHAIR KING: Oh, awesome. Thank you. Thank you so much. Okay, well, we're...I'm really excited to see where we're at with this and where we're going to be taking it. Any other questions, Members? Lots of thumbs-up, and we'll...

MR. BAZ: Real quick, Madam Chair, if you don't mind?

CHAIR KING: Sure.

MR. BAZ: I just want to again, you know, thank the Committee for the opportunity to talk about what we've been doing. Makalea has been working on this for pretty much since she started day one and, you know, taking on not just the Environmental Coordinator position and managing those activities and grants but really looking forward to what our community needs and what it takes to be resilient and be sustainable and integrating all of that pieces. So, I just want to recognize her for the efforts that she's been doing on top of everything else. And, you know, we really appreciate the support at the Council level as well. Mayor, you know, has been really, really supportive of this. He actually sent me to Honolulu to the Hawaii Green Growth Initiative, Aloha+ Challenge and, you know, really it's something we're coordinating, you know, making sure that Statewide, you know, worldwide this is a really key important issue that we need to address. And we thank everybody's support of it. We, you know, looking at the future, we're looking at the aina aloha declaration and, you know, its implementation so that's something, you know, keep on . . .*(inaudible)*. . . for the near future. It's...we've had a quite a few people sign on it already. We are going to be the first County government to sign off on the aina aloha declaration. Really, you know, again it's just, it's something that puts this first, you know, and foremost in front of us that we need to deal with in everything that we do. And that's why, you know, my involvement at the Managing Director's level is because all of the departments have this, you know, in front of us and the County as a whole. And we really try to look at it holistically and implement it uniformly as much as we can. So, anyway I've talked enough, but thank you very much.

CHAIR KING: Okay, thank you. And I just, I also wanted to point out that our Vice-Chair, our Committee Vice-Chair, Member Sinenci does have a draft of a Charter amendment for this office and we discussed not needing it to create an office under the Mayor. But, you know, feel free to follow up with Vice-Chair Sinenci if you feel like you want to move that forward. I think he's been working on that all year. And with that if there are no other comments or questions, Members, we're at the end of our agenda. And thank you so much for attending and for the great input that we have. I feel like we're making progress on this new office and...oh, Member Sinenci, you have...Vice-Chair Sinenci, you have a comment?

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VICE-CHAIR SINENCI: Thank you, Chair. No, I was just wondering if you were going to defer these items, Chair.

CHAIR KING: Yeah, so if there's no objections, we'll defer both items on the agenda today.

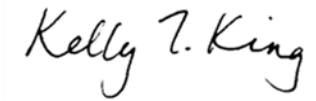
COUNCILMEMBERS VOICED NO OBJECTIONS.

ACTION: DEFER PENDING FURTHER DISCUSSION.

CHAIR KING: Okay. All right. And with that, thank you again to our presenters and to all our Committee Members for being here in...not just in name but in spirit, and great conversation. And right now I have 11:51, meeting is adjourned. . . .(gavel). . .

ADJOURN: 11:51 a.m.

APPROVED:



KELLY TAKAYA KING, Chair
Climate Action and Resilience
Committee

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Transcribed by: Daniel Schoenbeck

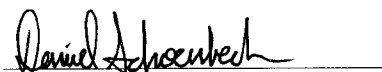
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CERTIFICATE

I, Daniel Schoenbeck, hereby certify that the foregoing represents to the best of my ability, a true and correct transcript of the proceedings. I further certify that I am not in any way concerned with the cause.

DATED the 3rd day of June, 2020, in Kula, Hawaii

A handwritten signature in black ink, appearing to read "Daniel Schoenbeck", is written over a horizontal line.

Daniel Schoenbeck