



**DEPARTMENT OF BUSINESS,  
ECONOMIC DEVELOPMENT & TOURISM**

**NEIL ABERCROMBIE**  
GOVERNOR

**RICHARD C. LIM**  
DIRECTOR

**MARY ALICE EVANS**  
DEPUTY DIRECTOR

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804  
Web site: [www.hawaii.gov/dbedt](http://www.hawaii.gov/dbedt)

Telephone: (808) 586-2355  
Fax: (808) 586-2377

Statement of  
**RICHARD C. LIM**  
Director  
Department of Business, Economic Development, and Tourism  
Before the  
**HOUSE COMMITTEES ON ENERGY & ENVIRONMENTAL PROTECTION**  
And  
**WATER AND LAND**  
Tuesday, March 18, 2014  
8:30 a.m.  
State Capitol, Conference Room 325  
in consideration of  
**HCR 104/HR 77**  
**ENDORISING AND SUPPORTING THE ALOHA CHALLENGE.**

Chairs Lee and Evans, Vice Chairs Thielen and Lowen, and Members of the Committees.

The Department of Business, Economic Development, and Tourism respectfully supports HCR 104/HR 77, which endorses and supports the Aloha+ Challenge.

Under Governor Abercrombie's leadership, the Aloha+ Challenge will show a global commitment that Hawaii has made to create a more sustainable future, including clean energy, food, climate change, and other natural resources.

Internationally, the United Nations Secretary-General views sustainable energy as ensuring universal access to modern energy services and increasing improvements in energy efficiency and renewable energy's share in the global energy mix. In Hawaii, DBEDT and its State Energy Office share that focus in our efforts to drive clean energy innovation and build a vital, growing clean energy sector of our economy.

Given the important role energy plays in the Aloha+ Challenge, DBEDT reiterates its focus on economic sustainability and to going beyond our current clean energy mandates, in a manner that is consistent with our state energy policy directives of pursuing balanced, market-driven, cost-effective solutions to best serve Hawaii's energy needs.

Thank you for the opportunity to provide comments on HCR 104/HR 77.

STATE OF HAWAII  
DEPARTMENT OF DEFENSE

TESTIMONY ON HOUSE CONCURRENT RESOLUTION 104  
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE

PRESENTATION TO  
THE HOUSE COMMITTEES ON  
ENERGY & ENVIRONMENTAL PROTECTION (EEP)  
AND  
WATER & LAND (WAL)

BY  
MAJOR GENERAL DARRYLL D. M. WONG  
STATE ADJUTANT GENERAL AND DIRECTOR OF STATE CIVIL DEFENSE  
March 18, 2014

Chair Lee, Chair Evans, and the Members of the House Committees on Energy & Environmental Protection (EEP) and Water & Land (WAL):

I am Major General Darryll D. M. Wong, State Adjutant General. I am testifying in **SUPPORT** of House Concurrent Resolution 104.

Aloha+ Challenge's goal is building a more secure, sustainable and resilient economy and environment for all of Hawaii. Hawaii needs community resilience and sustainability because it is an island state. Business, government, the military and the public must work together toward Aloha+ Challenge's goal.

Thank you for allowing me to testify in **SUPPORT** of House Concurrent Resolution 104.



State of Hawaii  
**DEPARTMENT OF AGRICULTURE**  
1428 South King Street  
Honolulu, Hawaii 96814-2512  
Phone: (808) 973-9600 FAX: (808) 973-9613

**TESTIMONY OF SCOTT E. ENRIGHT  
CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE HOUSE COMMITTEES ON ENERGY AND ENVIRONMENTAL  
PROTECTION AND WATER AND LAND**

**MARCH 18, 2014  
8:30 A.M.**

**HOUSE CONCURRENT RESOLUTION 104/HOUSE RESOLUTION 77  
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE**

Chairpersons Lee and Evans and Members of the Committees:

Thank you for the opportunity to provide testimony on House Concurrent Resolution 104 and House Resolution 77. This resolution supports the Aloha+ Challenge. The Department supports this resolution.

The Department has been an active partner in the collaborative effort known as Hawaii Green Growth (HGG). Bringing together leaders from both the public and private sector, HGG has been integral in breaking down silos and creating unique partnerships with the intent of moving Hawaii forward towards a vision of greater sustainability in food, energy, and natural resource management.

The Aloha+ Challenge is one such initiative that intends to showcase the concerted efforts that are being pursued in Hawaii to move the state towards greater sustainability as outlined by the Hawaii State Planning Act. In particular, the Department is excited to be a part of this initiative and to build on existing initiatives and projects such as those funded by the Agricultural Development and Food Security Special Fund. The Department does want to point out that food is one aspect of agriculture, and the Department will continue its efforts to increase the overall capacity



of the agricultural industry. The Department looks forward to striving towards and achieving the goal set forth in the resolution to double local food production with the aim of reaching 20 to 30 percent local food consumption by 2030.

Thank you for the opportunity to testify on this measure.



NEIL ABERCROMBIE  
GOVERNOR OF HAWAII



STATE OF HAWAII

Testimony of  
**JACQUELINE KOZAK THIEL**  
State Sustainability Coordinator

Before the House Committees on  
**ENERGY & ENVIRONMENTAL PROTECTION**  
and  
**WATER & LAND**

Tuesday, March 18, 2014  
8:30 AM  
State Capitol, Conference Room 325

In consideration of  
**HOUSE CONCURRENT RESOLUTION 104/HOUSE RESOLUTION 77**  
**ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE**

House Concurrent Resolution 104/House Resolution 77 endorses and supports the Aloha+ Challenge. **The State Sustainability Coordinator strongly supports these measures.**

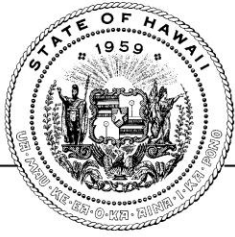
The Aloha+ Challenge is a joint commitment to a culture of sustainability with measurable 2030 targets for clean energy, natural resource management, local food production, green jobs creation, waste reduction, smart growth, and climate change adaptation.

The Aloha+ Challenge builds upon the Legislature's leadership and investments in the Hawaii 2050 Sustainability Plan and Act 181, Hawaii Clean Energy Initiative, Rain Follows the Forest Watershed Initiative, Hawaii Invasive Species Council, Hawaii Climate Change Adaptation Priority Guidelines (Act 286) and other related sustainability policies and programs.

Hawaii is a microcosm of the interconnected sustainability challenges facing the planet. This is a tremendous opportunity for Hawaii to demonstrate international island leadership through ambitious commitments, integrated approaches, and scalable innovations that serve as a model of sustainability.

The State Sustainability Coordinator is actively working with public and private sector partners, including the diverse members of Hawaii Green Growth, to collaboratively advance the Aloha+ targets for a more sustainable and resilient Hawaii. The State Sustainability Coordinator is also helping to support the Governor, Mayors, and the Office of Hawaiian Affairs in their shared commitment and will continue to work across state departments and with the counties, federal agencies, University of Hawaii system and community partners for a coordinated strategy.

The State Sustainability Coordinator sincerely appreciates the Legislature's continued leadership through these resolutions. Mahalo nui for the opportunity to provide testimony.



**OFFICE OF PLANNING  
STATE OF HAWAII**

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

**NEIL ABERCROMBIE**  
GOVERNOR

**LEO R. ASUNCION**  
ACTING DIRECTOR  
OFFICE OF PLANNING

Telephone: (808) 587-2846  
Fax: (808) 587-2824  
Web: <http://planning.hawaii.gov/>

Statement of  
**LEO R. ASUNCION**  
Acting Director, Office of Planning  
before the  
**HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION  
AND  
HOUSE COMMITTEE ON WATER AND LAND**

Tuesday, March 18, 2014  
8:30 AM  
State Capitol, Conference Room 325

in consideration of  
**HCR 104**  
**ENDORISING AND SUPPORTING THE ALOHA+ CHALLENGE.**

Chairs Lee and Evans, Vice Chairs Thielen and Lowen, and Members of the House Committees on Energy and Environmental Protection and Water and Land.

The Office of Planning (OP) supports HCR 104 (companion measures HR 77, SR 34, and SCR 69), which endorses the Aloha+ Challenge, and offers the following comments.

The Aloha+ Challenge presents an unprecedented opportunity for Hawaii to engage leaders from public and private entities across the state in a shared statewide commitment to sustainability, and to serve as an international model for integrated green growth. The Aloha+ Challenge defines six sustainability targets to be achieved by 2030 in the areas of clean energy, local food, natural resource management, waste reduction, climate resilience and smart growth, as well as green jobs. These targets were developed collaboratively by state agency leads and their partners, building upon existing efforts taking place throughout the state.

In particular, OP is committed to increasing Hawaii's resilience to and preparedness for the impacts of climate change. In 2012, our office was instrumental in developing Hawaii's Climate Change Adaptation Priority Guidelines (Act 286) that were adopted into law by the Twenty-Sixth State Legislature. Today, we continue to work with state and county agencies to implement Act 286 and integrate climate change adaptation into existing planning and regulatory frameworks.

As an active member of Hawaii Green Growth, we are ready and willing to work with our partners to meet the ambitious targets set forth by the Aloha+ Challenge and join in support of this shared commitment to building a more secure, sustainable, and resilient Hawaii.

Thank you for the opportunity to provide testimony on this measure.



STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. Box 3378  
HONOLULU, HAWAII 96801-3378

In reply, please refer to:  
File: EPO-SCR69 T

**HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION**

**HOUSE COMMITTEE ON WATER AND LAND**

**H.C.R. 104, ENDORSING AND SUPPORTING THE ALOHA+ CHALLENGE**

**Testimony of Linda Rosen, M.D., M.P.H.  
Director of Health**

**March 18, 2014  
8:30 a.m.**

1 **Department's Position:** The Department of Health **STRONGLY SUPPORTS** this resolution as it will  
2 provide an integrated and focused approach to sustainability based on six measurable 2030 targets.

3 **Purpose and Justification:** Hawaii is recognized as a global island leader in sustainability but has also  
4 identified the urgent need for integrated, focused action to ensure a more sustainable, resilient, clean,  
5 and healthy future. Hawaii has joined the Global Island Partnership (GLISPA) and developed the  
6 Aloha+ Challenge to outline State sustainability principles and targets based on current priorities and  
7 policies to work towards this more secure, green future. As a member of Hawaii Green Growth, the  
8 Department joins in this shared statewide commitment to sustainability.

9 The Department welcomes the opportunity that the Aloha+ Challenge provides to increase  
10 support and coordination between county, state, and federal agencies, as well as partner organizations,  
11 and expand regional collaboration on key environmental issues like climate change and invasive species.  
12 The Department also fully endorses the Aloha+ Challenge's six goals, which include achieving 70  
13 percent clean energy, a commitment to local food production, improved natural resource management,  
14 waste reduction, the creation of smart sustainable communities, and green workforce development.

1           The Department is already pursuing these targets through our efforts to reduce solid waste,  
2           which include working to improve electronic waste recycling in the state and working to create a  
3           statewide Integrated Solid Waste Master Plan. We additionally support many measures that will  
4           contribute to creating smart sustainable communities, like car-sharing, bike-sharing, and transit-oriented  
5           development.

6           The sustainability targets outlined in the Aloha+ Challenge are both achievable and essential to  
7           long-term success for Hawaii.

8           Thank you for the opportunity to testify on this important resolution.

NEIL ABERCROMBIE  
GOVERNOR OF HAWAII



**STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

**Testimony of  
WILLIAM J. AILA, JR.  
Chairperson**

**Before the House Committees on  
ENERGY & ENVIRONMENTAL PROTECTION  
and  
WATER & LAND**

**Tuesday, March 18, 2014  
8:30 AM  
State Capitol, Conference Room 325**

**In consideration of  
HOUSE CONCURRENT RESOLUTION 104/HOUSE RESOLUTION 77  
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE**

House Concurrent Resolution 104/House Resolution 77 endorses and supports the Aloha+ Challenge. **The Department of Land and Natural Resources (Department) supports these measures.**

The Department is actively seeking to meet the natural resource management goals of the Aloha+ Challenge, including reversing the trend of natural resource loss mauka to makai by increasing watershed protection, community-based marine management, invasive species prevention and control, and restoration of native species. Efforts to reach these targets include "The Rain Follows the Forest" watershed initiative, co-leadership of the Hawaii Invasive Species Council, Hawaii's bid to host the World Conservation Congress in 2016, and many other programs within the Department that manage and restore marine and terrestrial resources. Through these programs, the Department is also helping to expand Hawaii's green workforce.

A statewide commitment recognizes the importance of these goals to improve Hawaii's environment, economy, as well as quality of life for all its citizens. The Department looks forward to being a part of this Challenge and strengthening Hawaii's culture of sustainability.

**WILLIAM J. AILA, JR.**  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

**JESSE K. SOUKI**  
FIRST DEPUTY

**WILLIAM M. TAM**  
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS



**DEPARTMENT OF BUSINESS,  
ECONOMIC DEVELOPMENT & TOURISM**

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804  
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Fax: (808) 586-2377

**NEIL ABERCROMBIE**  
GOVERNOR

**RICHARD C. LIM**  
DIRECTOR

**MARY ALICE EVANS**  
DEPUTY DIRECTOR

Statement of  
**RICHARD C. LIM**  
Director  
Department of Business, Economic Development, and Tourism  
Before the  
**HOUSE COMMITTEES ON ENERGY & ENVIRONMENTAL PROTECTION**  
And  
**WATER AND LAND**  
Tuesday, March 18, 2014  
8:30 a.m.  
State Capitol, Conference Room 325  
in consideration of  
**HCR 104/HR 77**  
**ENDORISING AND SUPPORTING THE ALOHA CHALLENGE.**

Chairs Lee and Evans, Vice Chairs Thielen and Lowen, and Members of the Committees.

The Department of Business, Economic Development, and Tourism respectfully supports HCR 104/HR 77, which endorses and supports the Aloha+ Challenge.

Under Governor Abercrombie's leadership, the Aloha+ Challenge will show a global commitment that Hawaii has made to create a more sustainable future, including clean energy, food, climate change, and other natural resources.

Internationally, the United Nations Secretary-General views sustainable energy as ensuring universal access to modern energy services and increasing improvements in energy efficiency and renewable energy's share in the global energy mix. In Hawaii, DBEDT and its State Energy Office share that focus in our efforts to drive clean energy innovation and build a vital, growing clean energy sector of our economy.

Given the important role energy plays in the Aloha+ Challenge, DBEDT reiterates its focus on economic sustainability and to going beyond our current clean energy mandates, in a manner that is consistent with our state energy policy directives of pursuing balanced, market-driven, cost-effective solutions to best serve Hawaii's energy needs.

Thank you for the opportunity to provide comments on HCR 104/HR 77.



Testimony of The Nature Conservancy of Hawai'i  
Supporting HR 77 and HCR 104 Endorsing and Supporting the Aloha+ Challenge  
House Committee on Energy and Environmental Protection  
House Committee on Water and Land  
March 18, 2014, 8:30am, Room 325

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*The Nature Conservancy of Hawai'i is a private non-profit conservation organization dedicated to the preservation of the lands and waters upon which life in these islands depends. The Conservancy has helped to protect nearly 200,000 acres of natural lands in Hawai'i. Today, we actively manage more than 35,000 acres in 11 nature preserves on Maui, Hawai'i, Moloka'i, Lāna'i, and Kaua'i. We also work closely with government agencies, private parties and communities on cooperative land and marine management projects.*

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The Nature Conservancy is a member of Hawai'i Green Growth and we strongly support HCR104/HR77 which defines six sustainability targets for Hawai'i to reach by 2030 in clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth and green jobs.

Though we live in a global economy where we can secure nearly all the goods and services we need from outside our island home, we face a variety of political, economic and environmental conditions that demand that we also improve our local security and self-reliance. The cost of goods and the fuel to bring them here will only increase. Energy costs will continue to rise especially if we continue to import all the fuel we require to generate power. Political and weather realities demand that we figure out how to have more than a week or two of food and energy supplies in the event of disaster or cargo interruptions. Science indicates that climate change effects in Hawai'i will likely include:

- More frequent and more severe storms;
- Overall less rainfall and therefore less fresh water;
- Higher temperatures that are beneficial to invasive species;
- Sea level rise and high waves that harm coastal areas and groundwater systems;
- Ocean acidification that inhibits growth of protective coral reefs and harms fisheries.

In response to these challenges, we must plan and implement mitigative and adaptive measures to ensure the resilience of our natural and human systems. Taking better care of the health and function of our forested watersheds and coral reefs, growing more food for local consumption, producing more clean energy locally, and better managing waste are essential components of building self-reliance and resilience here in the middle of the Pacific Ocean. The Aloha+ Challenge and its six sustainability targets recognizes our existing successes and helps keep us focused on building a more secure, sustainable and resilient economy and environment for all of Hawai'i's residents, businesses and visitors.

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COLLEGE OF SOCIAL SCIENCES  
**HAWAII ENERGY POLICY FORUM**  
UNIVERSITY OF HAWAI'I AT MĀNOA

**Hawaii Energy Policy Forum**

Jeanne Schultz Afuvai, HI Inst. for Public Affairs  
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Warren Bollmeier, HI Renewable Energy Alliance  
Albert Chee, Chevron  
Elizabeth Cole, The Kohala Center  
Leslie Cole-Brooks, HI Solar Energy Assn  
Kyle Datta, Ulupono Initiative  
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Lauren Montez-Hernandez, Ofc of Sen Mazie Hirono  
Hermina Morita, Public Utilities Commission  
Sharon Moriwaki, UH So. Sci. Public Policy Ctr  
Ron Nelson, U.S. Defense Energy Support Center  
Tim O'Connell, U.S. Dept of Agriculture  
Jeffrey Ono, Division of Consumer Advocacy, DCCA  
Darren Pai, Hawaiian Electric Company  
Winteh KT Park, Ofc of US Rep. Colleen Hanabusa  
Melissa Pavlicek, Hawaii Public Policy Advocates  
Randy Perreira, HI Government Employees Assn  
Rick Rocheleau, UH HI Natural Energy Institute  
Will Rolston, Hawai'i County  
Riley Saito, SunPower Systems Corp  
Joelle Simonpietri, U.S. Pacific Com. Energy Ofc  
H. Ray Starling, Hawaii Energy  
Ben Sullivan, Kaua'i County  
Lance Tanaka, Hawaii Independent Energy, LLC  
Maria Tome, State Energy Office, DBEDT  
Ah Linn Yamane, HI Government Employees Assn

Testimony of Sharon Moriwaki, Co-chair  
Hawai'i Energy Policy Forum

Before the

House Committees on Energy & Environmental Protection and Water & Land

**IN SUPPORT OF HCR 104 / HR 77**, Endorsing and supporting the Aloha + Challenge

Chair Chris Lee, Chair Cindy Evans, Members:

I am Sharon Moriwaki, Co-chair of the Hawai'i Energy Policy Forum (Forum). The Forum, created in 2002, is comprised of 46 representatives from Hawaii's electric utilities, oil and natural gas suppliers, environmental and community groups, renewable energy industry, and federal, state and local government, including representatives from the neighbor islands. Our vision and mission, and comprehensive "10 Point Action Plan" serves as a guide to move Hawaii toward its preferred energy goals.

The Forum supports HCR 104 and HR 77, which endorse and support the Aloha + Challenge that will bring together leaders and organizations to commit to an integrated approach to achieving sustainability targets by 2030. More specifically, the initiative commits to achieving six sustainability targets by 2030 in the following areas: clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth, and green jobs.

The Forum has been working with Hawai'i Green Growth, a partnership of public (federal, state, and local government), private, and community sectors focused on achieving a sustainable Hawai'i. One of our major projects is the development of meaningful indicators and measures to track progress in achieving the sustainability targets.

The Aloha+ Challenge will build on these joint efforts and will promote an island-style, integrated approach to sustainability. In recent years, Hawai'i has been recognized for its progress and innovative, collaborative approach to sustainability. The Aloha+ Challenge will enable Hawai'i to mobilize the leadership, partnerships, and resources to build a sustainable future for Hawai'i as well as learn from and share with other jurisdictions with mutual interest in sustainable development.

Based on the foregoing, the Forum supports HCR 104 and HR 77 and urges their adoption.

Thank you for the opportunity to testify.

*This testimony reflects the position of the Forum as a whole and not necessarily of the individual Forum members or their companies or organizations.*



**Testimony of Hawai'i Green Growth  
In Support of the Aloha+ Challenge Resolution HR77 & HCR104  
House Committee on Energy and Environmental Protection  
House Committee on Water & Land  
18 March 2014, 8:30am, Room 325**

Audrey Newman  
Hawai'i Green Growth  
P.O. Box 535 Ho'olehua, Hawai'i 96729

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*Hawai'i Green Growth is a voluntary partnership of more than 50 state, county, federal, business, and non-governmental leaders from energy, food production, natural resources, waste reduction, planning, green jobs, and other sectors who have come together to support a shared statewide commitment and tangible actions toward sustainability and a model green economy.*

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**Hawai'i Green Growth (HGG) strongly supports this resolution to endorse the Aloha+ Challenge** and bring leaders and organizations together across the state in a shared commitment to sustainability. As an island community, we recognize our economy, environment and people are vulnerable to global economic and environmental trends. Hawai'i is also uniquely positioned to be a global leader in building a more resilient, secure and sustainable future for our islands.

The *Aloha+ Challenge* resolution defines six sustainability targets for Hawai'i to reach by 2030 in clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth and green jobs. These targets were developed collaboratively by lead State agencies with key private partners and endorsed by our HGG members – more than 50 leaders (see attached list) from government, business and non-profit organizations. They build upon and will help advance outstanding work by dedicated people across the state. The *Aloha+ Challenge* targets are achievable if we work together and make strategic long-term investments.

Working with the State Sustainability Coordinator, we have reached out to all four Counties and the Office of Hawaiian Affairs to help lead the *Aloha+ Challenge*, and they are ready. We are also working with partners across the state on practical indicators and measures for decision-makers and the public to track progress on these targets.

The *Aloha+ Challenge* will promote action on an island-style, integrated approach to sustainability, which is essential to our success. In recent years, Hawai'i has been recognized for our progress and innovative, collaborative approach to sustainability by islands around the world, and many want to learn and share with us. We are all searching for answers to these global problems. The *Aloha+ Challenge* will help mobilize the leadership, partnerships and resources we need to build the future we all want for our Hawai'i.

Mahalo nui to the Chairs and Committee members who co-sponsored this resolution. We ask you all to support the *Aloha+ Challenge* resolution and to help lead our state in this important work.

Mahalo kākou,

A handwritten signature in black ink that reads "Audrey Newman". The signature is written in a cursive, flowing style.

**Audrey Newman**

Senior Advisor, Hawai'i Green Growth (HGG)

*Bringing leaders together to achieve sustainability in Hawai'i & be a model for a green economy*

## **Hawai'i Green Growth Working Group**

1. 'Aulani Wilhelm, NOAA Superintendent, Papahānaumokuākea Marine National Monument (PMNM)
2. Audrey Newman, Senior Advisor, Hawai'i Green Growth (HGG) & Global Island Partnership (GLISPA)
3. Aurora Winslade, Sustainability Coordinator, University of Hawai'i at Mānoa (UH)
4. Ashley Lukens, Director of Rewarding Internships for Sustainable Employment (RISE), Kupu Hawai'i
5. Bill Tam, Deputy Director, Hawai'i Dept of Land & Natural Resources (DLNR)
6. Brandon Lee, Associate, Ulupono Initiative
7. Brant Chillingworth, Program Officer, Hau'oli Mau Loa Foundation
8. Carol Feinga, Administrative Director, Kōkua Hawai'i Foundation
9. Carol Wilcox, Board Member, Mālama Maunalua
10. Chipper Wichman, Executive Director, National Tropical Botanical Garden (NTBG)
11. Christy Martin, Public Information Officer, Coordinating Group on Alien Pest Species (CGAPS)
12. Deanna Spooner, Coordinator, Pacific Islands Climate Change Cooperative (PICCC)
13. Ed Kenney, Owner, Town Restaurant
14. Emma Yuen, Natural Area Reserves Systems Planner, DLNR
15. Eric Co, Program Officer for Marine Conservation, Harold K.L. Castle Foundation
16. Gary Gill, Deputy Director, Hawai'i Department of Health (DOH)
17. Colonel (ret.) Howard Killian, HI Env'tal & Sustainability Coord, Office of the Dep Asst Sec for the Army (ODASA)
18. Jackie Kozak Thiel, State Sustainability Coordinator, State of Hawai'i
19. Jason Ito, Director of Administration and Planning, Kyo-ya
20. Jason Philibotte, Director of Hawai'i Fish Trust, Conservation International (CI)
21. Jeff Mikulina, Executive Director, Blue Planet Foundation
22. Jesse Souki, Deputy Director, DLNR and former Director, Office of Planning (OP)
23. Josh Atwood, Invasive Species Coordinator, DLNR & Hawai'i Invasive Species Council (HISC)
24. June Matsumoto, Hawai'i Committee, World Conservation Congress 2016
25. Dr. Kamanao'pono Crabbe, Chief Executive Officer, Office of Hawaiian Affairs (OHA)
26. Kawika Burgess, Chief Operating Officer, OHA
27. Ken Kakesako, Deputy Director, Hawai'i Department of Agriculture (DOA)
28. Ka'iulani De Silva, Director of Education & Consumer Affairs, Hawaiian Electric Company (HECO)
29. Kevin Vaccarello, Founder & Director, Sustain Hawai'i
30. Kirsten Baumgart Turner, Partner, Sustainability Partners, Inc.
31. Kyle Datta, General Partner, Ulupono Initiative
32. Laurie Carlson, Regional Governor, Slow Food Hawai'i & Founding Publisher, Honolulu Weekly
33. Lihla Noori, Executive Director, Hawai'i Conservation Alliance (HCA)
34. Dr. Maria Gallo, Dean & Director, College of Tropical Agriculture and Human Resources (CTAHR)
35. Mark Fox, External Affairs Director, The Nature Conservancy of Hawai'i (TNCH)
36. Mary Lou Kobayashi, Planning Program Administrator, Office of Planning (OP)
37. Mawae Morton, Representative, Polynesian Voyaging Society (PVS)
38. Maxine Burkett, Associate Professor of Law, UH & Director of Research Initiatives, Hawai'i Presidential Center
39. Michael Buck, Representative, Mālama Hawai'i & Former DOFAW Administrator, DLNR
40. Mike Hamnett, Co-Chair, Hawai'i Energy Policy Forum (HEPF) & Executive Director, Resarch Corp UH (RCUH)
41. Neil Hannahs, Director of Land Assets Division, Kamehameha Schools
42. Nicole Chatterson, RISE Mentor, Kupu Hawai'i
43. Olin Lagon, Executive Director, Kanu Hawai'i
44. Pauline Sato, Mālama Learning Center & Agricultural Leadership Foundation of Hawai'i
45. Peter Adler, Principal, Accord 3.0 Consultants
46. Piia Aarma, President, Pineapple Tweed Public Relations & Marketing
47. Pono Shim, Executive Director, Enterprise Honolulu
48. Russell Kokubun, former Chairperson, DOA
49. Sharon Moriwaki, Co-Chair, HEPF & Associate Director, UH Public Policy Center (UHPPC)
50. Sylvia Yuen, Special Assistant to the UH President for Food Security & Safety
51. Traci Ho Kim, Department of Business, Economic Development, & Tourism (DBEDT)
52. Ulalia Woodside, Regional Assets Manager, Kamehameha Schools
53. William Aila, Chair, DLNR



# NATIONAL TROPICAL BOTANICAL GARDEN

Chartered by Congress to Create a National Resource in Conservation, Research, and Education

House Committee on Energy and Environmental Protection  
House Committee on Water and Land  
March 18, 2014, 8:30am, Room 325

## **Testimony of Chipper Wichman, National Tropical Botanical Garden Supporting HR 77 and HCR 104 Endorsing and Supporting the Aloha+ Challenge**

Dear Representatives,

As the Director and CEO of the National Tropical Botanical Garden (NTBG), I am writing to you to express my STRONG support for HR 77 and HCR 104 Endorsing and Supporting the Aloha+ Challenge. I have been an active member of the Hawaii Green Growth Initiative since its conception. Having worked to conserve the natural and cultural resources of Hawai'i for the past four decades I full recognize that we will never achieve this goal if we do not enter into cross sector discussions about sustainability for our State.

The Aloha+ Challenge will help us build a more secure, sustainable and resilient economy and environment for all of Hawai'i and is the result of many of the top minds – leaders from the various sectors – who have come together to help define a path forward for our State.

The six sustainability targets and the integrated approach outlined in the resolution are achievable and essential to long-term success for Hawai'i. They have been developed with the input of each sector and will help Hawai'i become a global leader in demonstrating “green growth”. We are an island state and we have no option but to become sustainable if we want to have a strong a robust economy and a healthy environment for our children and grandchildren to live in.

## **Please support HR 77 and HCR 104 – our future depends on it!!!**

Aloha,

Chipper Wichman,  
Director and CEO - National Tropical Botanical Garden  
Chair of the Kauai Watershed Alliance





HOUSE COMMITTEES ON ENERGY & ENVIRONMENTAL PROTECTION AND WATER & LAND  
Tuesday, March 18, 2014 – 8:30 a.m. – Room 325

**Ulupono Initiative Strongly Supports HCR 104 and HR 77, Endorsing and Supporting the Aloha+ Challenge**

Dear Chair Lee, Vice Chair Thielen, Chair Evans, Vice Chair Lowen and Members of the Committees:

My name is Kyle Datta and I am general partner of the Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally grown food, increase renewable energy, and reduce/recycle waste. Ulupono invests in projects that have the potential to create large-scale, innovative change.

**Ulupono strongly supports HCR 104 and HR 77**, which endorses and supports the Aloha+ Challenge. Ulupono is a member of Hawai'i Green Growth Initiative, who helped to facilitate this agreement on food, energy, and waste goals by the Governor, all four mayors, and the chairperson of the Office of Hawaiian Affairs. We believe that Hawai'i can achieve greater environmental sustainability goals where key stakeholders communicate and work together on common targets. This bill will help to achieve that and therefore, we urge your strong support.

Thank you for this opportunity to testify.

Respectfully,

Kyle Datta  
General Partner

Email: [communications@ulupono.com](mailto:communications@ulupono.com)



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**TESTIMONY ON BEHALF OF HCR 104 and HR 77 – RELATING TO ENDORSING AND SUPPORTING THE ALOHA+ CHALLENGE**

**March 18, 2014**

**(COMMENTS)** Thank you for the opportunity to submit testimony in support of HCR 104 and HR 77. My name is Michael Buck, former Hawaii State Forester/Wildlife Director from 1989 to 2004 and a member of the Hawai'i Green Growth Initiative. The Hawai'i Green Growth is a voluntary partnership of state, county, federal, business, and nongovernmental leaders from many sectors, including clean energy, local food production, natural resource management, waste reduction, climate change mitigation and adaptation, planning, green jobs, and others, that is ready to support a shared statewide commitment to sustainability and be a model for integrated green growth.

I applaud the intent of this resolution as well as the sponsors who have introduced it. The Aloha+ Challenge will help us build a more secure, sustainable and resilient economy and environment for all of Hawai'i. It puts tangible "meat on the bones" with specific sustainability targets as well as an integrated approach outlined in the resolution. These targets provide a baseline and foundation for both public agencies and private sector entities (e.g. business, non-profit, community groups) to align their efforts.

The Hawaii State Legislature has a proven track record of supporting sustainability across economic, social, and environmental sectors. Your support of this resolution is critical as the Governor, Mayors of all the Counties, and the Chair of the Office of Hawaiian Affairs have expressed their interest in accepting the Aloha+ Challenge. Sustainability is a journey that we all must travel together. I urge you to pass this resolution so help us work together to sustain Hawai'i future.

Thank you for the opportunity to submit testimony.

**HCR104**

Submitted on: 3/16/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Sylvia Yuen	Individual	Support	Yes

Comments: Support for HCR 104 and HR 77, Endorsing and Supporting the Aloha+ Challenge Chairs Lee and Evans, Vice Chairs Thielen and Lowen, and members of the House Committees on Energy and Environmental Protection and Water and Land: Thank you for the opportunity to present my personal testimony in Support of HCR 104 and HR 77, Endorsing and Supporting the Aloha+ Challenge. As a member of Hawaii Green Growth, I join a group of dedicated individuals from governmental and non-profit agencies, higher education, business, philanthropy, and other sectors of the community who are committed to building a more secure, sustainable and resilient economy and environment for Hawaii. HCR 104 and HR 77 identifies the guiding principles for the Aloha+ Challenge and the reasons why legislative support for these measures is crucial. They also present the six sustainability targets to be achieved by 2030. Your adoption of HCR 104 and HR 77 will make a strong statement that Hawaii's elected representatives endorse Hawaii Green Growth's inclusive and integrated approach, the targets selected, and the need for focused action to ensure the vitality of the state's economy and environment for present and future generations. I urge you to cast a positive vote for HCR 104 and HR 77 and thank you for the opportunity to testify.

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Alex Wegmann	Individual	Support	No

Comments: It is critical that Hawaii adopts and maintains a sustainable approach to development and natural resource use; as an Island State, Hawaii will experience more adverse effects from climate change and shortages of non-renewable energy than any other state in the nation.

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**TESTIMONY OF  
Kenneth Y. Kaneshiro**

**IN STRONG SUPPORT OF HR77 & HCR104  
Resolution to Endorse the *Aloha+ Challenge***

**BEFORE THE  
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION  
HOUSE COMMITTEE ON WATER AND LAND**

Date: Tuesday, March 18, 2014

Time: 8:30 a.m.

Place: Conference Room 325

Aloha Chair Lee, Chair Evans, Vice Chair Thielen, Vice Chair Lowen and members of the Committee on Energy & Environmental Protection and the Committee on Water & Land. My name is Ken Kaneshiro and I am the Director of the Center for Conservation Research & Training at the University of Hawai'i at Manoa. However, I am presenting testimony on HR77 and HCR104 as a private individual and my comments do not reflect the opinion of the University of Hawai'i.

I am in strong support of the intent of HR77 and HCR104 to endorse the ***ALOHA+ CHALLENGE***. There is an urgent need to enhance the development of the emerging field of "Sustainability Science and Resilience" and the Hawaiian Islands serve as a microcosm of real-world sustainability issues such as conservation of biodiversity, habitat protection and restoration of ecosystem services and resilience, food and energy security etc., where research on these issues can be studied at manageable spatial scales. The *Aloha+ Challenge* promotes sustainability actions in an integrative, transdisciplinary, systems thinking approach cutting across all sectors of society. Furthermore, lessons in sustainability can be assimilated from traditional Hawaiian cultural practices where intensive and productive agricultural uses of the landscape as well as the effective management of traditional fishponds supported remarkably high population densities.

The *Aloha+ Challenge* would foster the kind of research and education necessary to train the next generation of leaders with the capacity to address issues not only in Hawai'i but within the Pacific-Asia Region and beyond.

Mahalo for the opportunity to present this testimony.

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Cyrus Howe	Individual	Support	No

Comments:

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Breanna Rose	Individual	Support	Yes

Comments: I strongly support the Aloha+ Challenge resolution (SCR 69 & HCR 104), which embodies an integrated approach to sustainability with six 2030 targets in clean energy, local food, natural resource management, waste reduction, climate change/smart growth and green jobs. As an isolated island state, Hawai'i is vulnerable to impacts of climate change and other global conditions that demand we move towards self-reliance. Leadership from the Governor, Mayors, Office of Hawaiian Affairs, the Legislature, and Hawai'i Green Growth public-private partners have responded to these issues with support for the Aloha+ Challenge, which provides measurable, achievable targets to serve a road map for our sustainability goals. The Aloha+ Challenge builds upon existing achievements done across the state, and will help advance a more secure, sustainable, resilient future for the overall health of Hawai'i's people, economy, and way of life.

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Ghissou Rosala	Individual	Support	No

Comments: Reasonable regulations and energy efficiency education

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Michelle Tigchelaar	Individual	Support	No

Comments: As an island state, Hawaii - more than the other of these United States - is extremely dependent on imported resources, and vulnerable to natural disaster and anthropogenic climate change. This bill, supporting the Aloha+ Challenge and its ambitious goals, provides a unique opportunity for Hawaii to not only move towards a more secure, clean, independent and resilient society and economy, but also to be a global leader in sustainability efforts.

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**SHCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Carly Quisenberry	Individual	Support	No

Comments: I support HCR104 & HR77.

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Crysttal Steiner	Individual	Support	No

Comments: I support adoption of this bill and implementation of the state's sustainability plan goals.

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Bong Kang	Individual	Support	No

Comments:

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Vicky Newman	Individual	Support	No

Comments:

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**LATE**

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
C. Kai Lucas	Individual	Support	No

Comments: I specifically support the State Sustainability Coordinator position (currently in the Department of Land & Natural Resources' budget). A person specifically dedicated to coordinating sustainable practices is critical to the effectiveness of the State's efforts.

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Aurora Winslade	Individual	Support	No

Comments: I support the Aloha+ Challenge.

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**LATE**

**LATE**

**LATE**

ECONOMIC DEVELOPMENT  
ISLAND OF OAHU

March 18, 2014

Representative Chris Lee  
Chair – Committee on Energy & Environmental Protection  
Representative Cindy Evans  
Chair – Committee on Water & Land  
Hawaii State Capitol, Room 325  
Honolulu, Hawaii 96813

Aloha Chair Lee, Chair Evans, and Committee Members,

Enterprise Honolulu unwavering supports HCR 104, which endorses and supports the Aloha+ Challenge. We follow the leads of our Governor and Mayors of Hawaii's counties and the OHA leadership in observing and committing to the challenge.

We love our home and our home is in a crisis of epic proportions. We are not alone in this crisis as it touches the shores of all islands around the world. We will not solve this crisis with a single action or approach and the 6 targets are a baseline commencement to resilience for Hawaii.

Please join us in our support to be mindful of our actions for the future of our home.

Thank you for the opportunity to testify in support of HCR 104.

Mahalo,



Pono Shim  
President and CEO, Enterprise Honolulu



**ENTERPRISE  
HONOLULU**

THE BUSINESS CLIMATE OF PARADISE

735 Bishop Street, Suite 424, Honolulu, Hawaii 96813 • 808-521-3611  
Fax: 808-536-2281 • [www.enterprisehonolulu.com](http://www.enterprisehonolulu.com)



**HCR104/HR77**  
**ENDORISING AND SUPPORTING THE ALOHA+ CHALLENGE**  
House Committee on Energy & Environmental Protection  
House Committee on Water & Land

March 18, 2014

8:30 a.m.

Room 325

The Administration of the Office of Hawaiian Affairs (OHA) **SUPPORTS** HCR104/HR77, which would establish six sustainability targets for Hawai‘i to achieve by 2030 in the areas of clean energy development, local food production, natural resource management, waste reduction, climate resilience/smart growth and green jobs.

Hawai‘i, despite its relative isolation, has a rich heritage of sustainability and self-sufficiency. Our ancestors understood the importance of living in harmony with the natural environment, and were able to support remarkable levels of people without depleting our islands’ limited resources. Through an ahupua‘a system of land management and with shared cultural practices of aloha (respect), laulima (cooperation) and mālama (stewardship), Native Hawaiians were able to maintain a desirable pono (balance) between the ‘āina and the people it sustained.

Today, our dependence upon imported goods, combined with the rising costs of fuel and historically short-sighted land use and development policies, has resulted in the incremental displacement and disenfranchisement of local residents, including Native Hawaiians in their own homelands. HCR104/HR77 seeks to focus our attention to alleviating the ever-increasing burdens of modern socioeconomic trends, and achieving the pono that once existed when our ancestors cultivated the land. The Administration of OHA recognizes the importance of such a vision, and OHA already actively supports initiatives to promote the health and restoration of native forests and watersheds, protect coral reefs and ocean resources, grow more local food for local consumption, and produce more clean energy. Accordingly, the Administration of OHA, along with the Governor and the mayors of all the counties, has already agreed to accept the Aloha+ Challenge embodied in these resolutions.

Therefore, OHA urges the Committees to **PASS** HCR104/HR77. Mahalo for the opportunity to testify on these measures.



**LATE**

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
James Callahan	Individual	Support	No

Comments:

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room

**LATE**

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Stephanie Chang	Individual	Support	No

Comments: I strongly support HR77 & HCR104, the Aloha+ Challenge.

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**LATE**

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kirsten Rosa	Individual	Support	No

Comments:

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**LATE**

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Olin Lagon	Individual	Support	No

Comments: I strongly support the Aloha+ Challenge resolution (SCR 69 & HCR 104) that defines six sustainability targets for Hawai'i to reach by 2030 in clean energy, local food, natural resource management, waste reduction, climate change/smart growth and green jobs & education. Mahalo! Olin Lagon 96819

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**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18

**LATE**

Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Nancy Redfeather	The Kohala Center - HISGN	Support	No

Comments: This position is needed to do the work necessary to conduct interagency strategic planning for the creation of a long term sustainability plan for Hawai'i. I would like to see Jackie Kozak-Thiel receive another year of funding to continue this important work for the future of our State.

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**LATE**

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 06:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Karen Shishido	Individual	Support	No

Comments:

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**LATE**

**HCR104**

Submitted on: 3/17/2014

Testimony for EEP/WAL on Mar 18, 2014 08:30AM in Conference Room 325

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Wyatt Bartlett	Individual	Support	No

Comments: The targets of the Aloha+ Challenge, relating to clean energy, local food, natural resource management, waste reduction, climate change/smart growth and green jobs & education, embody the goals that we all need to strive for together, as a state, to reach. Meeting these targets will put us one step closer to a secure, healthy, and vibrant future for our children, grandchildren, and hopefully beyond. They were developed collaboratively by lead State agencies with key private partners and endorsed by Hawai'i Green Growth members- more that 50 leaders from government, business and non-profits. Aloha+ Challenge builds upon and will help advance outstanding work by dedicated people across the state. This statewide "challenge" can provide the needed political leadership to make sustainability a state priority. Please support this resolution.

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**LATE**

House Committee on Energy & Environmental Protection  
Tuesday, March 18, 8:30am  
Testimony in support of SCR 69, HCR 104 & SB 2199 SD1 HD1

Aloha,

This testimony is in support of SCR 69, HCR 105 & SB2199 SD 1 HD1, all of which set specific goals and targets to reach in the next few decades for a sustainable Hawai'i.

As it stands, these islands are increasingly vulnerable to the current and impending affects of climate change and sea level rise. As a student at UH Mānoa, I attended the 2nd Annual Hawai'i Sustainability in Higher Education Summit, which took place for three days last week to carry forth the discourse and action to make sustainability a priority in our institutes of higher education.

And this January, the Board of Regents passed a Systemwide policy in January emphasizing sustainability and affirming goals of carbon neutrality, zero-waste and local food self-sufficiency. It is undeniable that sustainability is coming to the forefront of the conversations and policies in Hawai'i.

Further, the 2050 Sustainability Plan for Hawai'i stated ambitious goals, yet remains stagnant following the creation of the document. Without clear targets to work towards, we threaten to remain a state of rhetoric and even worse, a state of inaction. The talking and collaboration has largely come to consensus among scientists, professionals, politicians and community members of these islands, and it is time to turn our words into meaningful action.

The President of Kiribati just visited the East-West Center on Thursday to speak to us as the islands of his nation are slowly being lost to sea level rise with significant parts of the coastline sinking every year. As an island state, we have a chance to be a leader in the arena of climate change so that in years to come, we do not find our own leaders having to share stories of the loss of our shorelines and the devastating effects of climate change on our livelihoods and our communities.

My testimony represents 150 students of the Student Sustainability Coalition of Hawai'i which includes dozens of students from neighbor islands who could not make it in person today. Hawai'i's ecosystem faces dire circumstances with myriad endangered and already extinct species on top of loss of viable agricultural land and decline in air and water quality. It is inevitable to address these issues to envision and create a healthier and vibrant Hawai'i, and we have the choice to begin addressing them today.

Mahalo,

Doora Shin



I am a member of) Hawai'i Green Growth, a multi-sector partnership committed to achieving a resilient, sustainable Hawai'i. I strongly support HCR104/HR77, which supports the Aloha+ Challenge and its six sustainability targets for Hawaii to reach by 2030.

We all know how precarious the environment and economy of an island can be. Invasive species, cost of fuel, limited local food production, are just a few of the things that can immediately and dramatically affect our lives.

Hawaii is often challenged to be a leader in different areas simply because of our island status. There is no question that we can be a leader in sustainability – we can be an example to the rest of the world. I urge your support of the Aloha+ Challenge as a way to learn and lead.

- The Aloha+ Challenge will help us build a more secure, sustainable and resilient economy and environment for all of Hawai'i.
- The six sustainability targets in clean energy, local food production, natural resource management, waste reduction, climate resilience/smart growth and green jobs – they are all achievable and necessary.
- The Aloha + Challenge will recognize and applaud leadership in government, business, non-profits and communities and their readiness to work together on this Aloha+ Challenge.

Thank you for your attention and your service to Hawaii.



