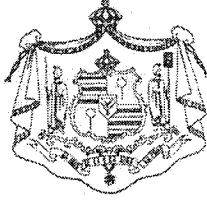


**TESTIMONY**  
**SB 2532**



Association of Hawaiian Civic Clubs  
P. O. Box 1135  
Honolulu, Hawai`i 96807

STATEMENT OF LEIMOMI KHAN, PRESIDENT  
IN SUPPORT OF

**SB 2532 - RELATING TO SUSTAINABILITY**

**COMMITTEE ON WATER, LAND, AGRICULTURE,  
AND HAWAIIAN AFFAIRS**

**Senator Clayton Hee, Chair  
Senator Jill N. Tokuda, Vice Chair**

**Wednesday, February 17, 2010, 2:45 p.m., Conf Rm 229**

Aloha, Senator Hee, Chair; Senator Tokuda, Vice-Chair; and members of the Committee on Water, Land, Agriculture, and Hawaiian Affairs

In 2006, the Association of Hawaiian Civic Clubs passed resolution 06-16, Urging the Governor and the Hawaii State Legislature to Appoint Representatives from the Association of Hawaiian Civic Clubs to Serve on the Hawaii 2050 Sustainability Task Force and to Each Island's Working Group. Thus, in 2007, the Association participated with the 2050 Sustainability Task Force when it joined with representatives of other Hawaiian organizations to form the Kanaka Maoli Working Group. The Kanaka Maoli Working Group reviewed preliminary Task Force findings and recommendations, and convened several meetings to develop recommendations that it believed were responsive to Kanaka Maoli concerns. Several recommendations were incorporated into the final H2050 Plan.

The Association of Hawaiian Civic Clubs is in strong support of SB 2532, with amendment, Relating to Sustainability, and which incorporates the definitions, guiding principles, and goals of the Hawaii 2050 sustainability task force report into the Hawaii state planning act, codified as chapter 226. The amendment sought is to change the reference to "native Hawaiian" to "Native Hawaiian" on page 4, line 5, to incorporate all Native Hawaiians, not just those with 50% blood quantum signified by the small "n".

The incorporation of the definitions, guiding principles and goals of the Hawaii 2050 sustainability task force report into the Hawaii state planning act is but a first step. To bring life to those goals requires affirmative action. Several recommendations for implementation of the goals were included in the University of Hawaii at Manoa, Social Sciences Public Policy Center report of January 2010, of particular interest are the following:

- Convening a working group of government and community organizations committed to sustainability and representing various interest sectors and counties to identify next

steps for implementation, including adoption of a mechanism such as a website to link with and inform the community of the various sustainability programs and projects. This effort would build support and ensure long-term viability for implementing and updating the H2050 Plan

- Adopt measures of accountability, including data and data sources, indicators and benchmarks. Without accountability, it is likely that the efforts of those involved over the last four years in H2050 will be futile and even more devastating would be the perception that the state isn't serious about sustainability and enhancement of our environment and economic status.
- Develop a sustainability coordinating entity to carry forward the H2050 Plan...and to periodically report to the legislature the state's progress in implementing and promoting sustainability measures.

The Association agrees that unless our Hawai'i community takes proactive planning and implementation measures now, the growing pressures identified in this bill – a steady deterioration of public infrastructure; lack of affordable housing; continued reliance on a service-based economy; vulnerability of Hawai'i in a volatile global energy market; possible interruptions in travel and critical food supplies; threats to fragile island ecosystems; and ever-increasing numbers of residents and visitors – all of these pressures unabated will have devastating impacts on Hawai'i's quality of life.

We strongly endorse the proactive stance taken in this forward-looking legislation. Thank you for considering the Association's strong support for this bill.

#### About the Association of Hawaiian Civic Clubs

*The Association is a growing national confederation of fifty-eight Hawaiian Civic Clubs, located throughout the State of Hawai'i and in the States of Alaska, California, Colorado, Illinois, Nevada, Utah, Virginia, Washington State, Tennessee, and Texas. It initiates and works to support actions that enhance the civic, economic, educational, health and social welfare of our communities, and in particular, the culture and welfare of the Native Hawaiian community.*

Personal Testimony

SB2532 to be heard on Wednesday, February 17, 2010 at 2:25 p.m. in Room 229- Testimony in Support

Dear Chair Hee, Vice Chair Tokuda, and Members of the Senate Committee on Water, Land, Agriculture and Hawaiian Affairs,

I strongly support SB2532 - RELATING TO SUSTAINABILITY. It contains the codification measures determined necessary to incorporate the definitions, guiding principles and goals of the Hawaii 2050 sustainability task force. The task force worked diligently within the State's communities to gather the data and opinions of the people that these measures are based on in regards to the path that Hawaii should take for a better future.

The people of Hawaii were deeply involved in the Hawaii 2050 effort, and more importantly, the youth of our Islands had a voice in helping to determine the kind of State that they wanted to live in. A huge concern of the keiki was not being able to continue living in Hawaii as adults- a sad reflection of the Island's "brain drain" that will continue unless change for a better tomorrow occurs.

The many participants in the Hawaii 2050 workshops came from all the counties of Hawaii and everyone wanted to contribute to leaving a positive legacy for the generations to come. This is a culmination of their work. These recommendations are well thought out, very mindful of the outcomes that they are intended to achieve and echoes their voices.

Mahalo to the Committee for addressing this issue and hope you will give SB2532 your full support.

Sincerely,

Riley K. Hakoda, Realtor

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**From:** Patrick Walsh [pmw@purealoha.com]  
**Sent:** Sunday, February 14, 2010 3:01 PM  
**To:** WTLTestimony  
**Subject:** SB2532

\_COMMITTEE ON WATER, LAND, AGRICULTURE, AND HAWAIIAN AFFAIRS\_

Senator Clayton Hee, Chair

Senator Jill N. Tokuda, Vice Chair

\_NOTICE OF HEARING\_

DATE:

Wednesday, February 17, 2010

TIME:

2:45 p.m.

PLACE:

Conference Room 229

I OPPOSE SB2532. Because it simply rearranges the five year old 2050 Task Force data and adds yet even more confusion to the ongoing relationship between our host culture and the rest of the world.

SB2532 is not complete.

I disagree with the notions that support the following plausible conclusion from SB2532  
Hawaiians are only such when in Hawaii and officially should be referred to as kanakas.  
Past successful models of sustainability in kanaka culture - were plantation structure, lots of middlemen and class workers.

It is a shame that today we look to tree houses and planter boxes in our sustainable thinking instead of sitting down with the stewards who directed the last generation of industry and government expansion. It time to learn their mistakes. Vote No on SB2538 it will cement our future without more "meaningful data".

Failed 2008 Hawaii 2050 bills.

HB2526 SD2; RELATING TO THE STATE PLAN

[http://www.capitol.hawaii.gov/session2008/bills/HB2526\\_SD2 .htm](http://www.capitol.hawaii.gov/session2008/bills/HB2526_SD2.htm)

A great and promising new direction with a new Hawaii State Plan as a road map.

HB2527 HD1 SD1; RELATING TO SMART GROWTH

[http://www.capitol.hawaii.gov/session2008/bills/HB2527\\_SD1 .htm](http://www.capitol.hawaii.gov/session2008/bills/HB2527_SD1.htm)

However the Senate Bill (SB2833) which would create the new chapter in the Hawaii Revised Statutes under title 13 was rejected by the finance committee.

HB2040 SD2; RELATING TO HAWAII'S ECONOMY

[http://www.capitol.hawaii.gov/session2008/bills/HB2040\\_SD2 .htm=](http://www.capitol.hawaii.gov/session2008/bills/HB2040_SD2.htm)

Mahalo,

Patrick M. Walsh  
PO Box 10277  
Hilo, Hawaii 96721



COLLEGE OF SOCIAL SCIENCES

# HAWAII ENERGY POLICY FORUM

UNIVERSITY OF HAWAII AT MĀNOA

Testimony of  
**Sharon Y. Miyashiro**  
Co-Chair, Hawai'i Energy Policy Forum

Senate Committee on Water, Land, Agriculture, and Hawaiian Affairs  
Wednesday, February 17, 2010  
2:45 p.m.  
Conference Room 229

## Hawai'i Energy Policy Forum

Ms. Stephanie Ackerman, The Gas Co.  
Mr. Robbie Alm, HECO  
Ms. Amy Asselbaye, Office of US Rep. Neil Abercrombie  
Ms. Madeleine Austin, World Business Academy  
Mr. Warren Bollmeier, Hawai'i Renewable Energy Alliance  
Mr. Carlito Caliboso, PUC (Observer)  
Mr. Albert Chee, Chevron  
Ms. Elizabeth Cole, The Kohala Center  
Mr. Kyle Datta, New Energy Partners  
Ms. Laura Dierenfield, People's Advocacy for Trails Hawai'i (PATH)  
Mr. Mark Duda, HI Solar Energy Asst.  
Sen. Kalani English, Hawai'i State Senate  
Mr. Mitch Ewan, UH HNEI  
Mr. Carl Freedman, Haiku Design & Analysis  
Sen. Mike Gabbard, Hawai'i State Senate  
Mr. Mark Glick, OHA  
Dr. Michael Hamnett, RCUH  
Dr. Robert Harris, Sierra Club  
Mr. William Kaneko, Hawai'i Institute for Public Affairs  
Mr. Darren Kimura, Energy Industries Holdings  
Ms. Kelly King, Sustainable Biodiesel Alliance  
Mr. Mike Kitamura, Office of US Senator Daniel K. Akaka  
Mr. Kal Kobayashi & Victor Reyes, Maui County Energy Office  
Mr. Laurence Lau, State of Hawai'i DOH  
Mr. Allyn Lee, C&C of Honolulu Dept. of Design & Construction  
Dr. Stephen Meder, UH Center of Smart Building & Community Design  
Dr. Sharon Miyashiro, UH College of Social Sciences Public Policy Center  
Rep. Hermina Morita, Hawai'i State House of Representatives  
Mr. Dean Nishina, Div of Consumer Advocacy  
Mr. Tim O'Connell, USDA-Rural Development  
Ms. Melissa Pavlicek, Hawaii Public Policy Advocates  
Mr. Ted Peck, State of Hawai'i DBEDT Strategic Industries Division  
Mr. Randy Perreira, Hawai'i State AFL-CIO  
Mr. Victor Reyes, Maui County Office of Economic Development  
Dr. Rick Rocheleau, UH HNEI  
Mr. William Rolston, Hawai'i County Dept. of Research & Development  
Mr. Peter Rosegg, HECO  
Mr. Steven Rymsha, KIUC  
Mr. Riley Saito, PowerLight Corporation  
Mr. Glenn Sato, Kaua'i County Office of Economic Development  
Mr. Bill Short, BIA of Hawai'i  
Ms. Joelle Simonpietri, Simonpietri Enterprises LLC  
Mr. H. Ray Starling, Hawai'i Energy Group LLC  
Mr. Lance Tanaka, Tesoro Hawai'i Corp.  
Dr. Don Thomas, UH Center for the Study of Active Volcanoes  
Ms. Maria Tome, State of Hawai'i DBEDT Energy Office  
Mr. Murray Towill, Hawai'i Hotel Association  
Mr. Joshua Wisch, Office US Representative Mazie Hirono  
Mr. Alan Yamamoto, Office US Senator Daniel Inouye

## IN SUPPORT OF SB 2532 – Relating to Sustainability

I am Sharon Miyashiro, Co-Chair of the Hawai'i Energy Policy Forum ("Forum"). The Forum is comprised of 49 representatives from the 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. We have been meeting since 2002 and have adopted a common vision and mission, and a comprehensive "10 Point Action Plan," which serves as a framework and guide for meeting our preferred energy vision and goals.

The Forum supports the passage of SB 2532. This bill calls for amending the Hawai'i State Planning Act, Chapter 226, Hawaii Revised Statutes, to add a new part, entitled "2050 Sustainability Policy." It incorporates a definition of "sustainability" for Hawaii that respects its culture and history; balances economic, community, and environmental priorities; and meets the needs of the present generation without compromising the ability of future generations to meet their needs. It also includes goals and guiding principles to achieve a sustainable future for Hawaii by 2050.

While the amendment does not include specific energy goals, its broad goals and guiding principles and its foundation in civic engagement are strongly aligned with the mission and vision of the Forum. We particularly support the inclusion of "sustainability" into state planning – which all of our counties and many organizations and individuals across the state are already doing and should be encouraged to continue to do.

The passage of SB 2532 will codify sustainability policy, clearly defining "sustainability" for Hawaii, along with its guiding principles and goals. Incorporating sustainability policy in the Hawai'i State Planning Act will set the standard for Hawai'i's future – one based on responsible consideration of our state's natural assets and resources and of the quality of life for future generations.

Based on the foregoing, the Forum supports SB 2532 and respectfully urges passage of the bill.

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.*

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 15, 2010 10:53 AM  
**To:** WTLTestimony  
**Cc:** peter.heffron@gmail.com  
**Subject:** Testimony for SB2532 on 2/17/2010 2:45:00 PM  
**Attachments:** Hawaii 2050 Plan Review Dec-10-07 ver 2-ph.pdf

Testimony for WTL 2/17/2010 2:45:00 PM SB2532

Conference room: 229  
Testifier position: oppose  
Testifier will be present: No  
Submitted by: Peter Heffron  
Organization: Individual  
Address: 95 West Naauao Street Hilo, Hawaii 96720  
Phone: (808) 934-0527  
E-mail: [peter.heffron@gmail.com](mailto:peter.heffron@gmail.com)  
Submitted on: 2/15/2010

Comments:

Dear Honorable Hawaii Senate Committee on Water, Land, Agriculture and Hawaiian Affairs:

The attached review of the original Hawaii 2050 Sustainability Plan is hereby submitted as testimony because none of the recommended actions in the attached review are reflected in the manner that the revised plan was prepared, nor in its content. As a consequence, the revised Hawaii 2050 Sustainability Plan before you will unfortunately not result in slowing Hawaii's rapid path to greater un-sustainability. Please see pages "F" to "I" (4 pages) for a summary of my recommendations -- none of which were debated at any stakeholder level, much less acted upon -- in the revised plan before you.

This is therefore to recommend that you withhold approval of the revised Hawaii 2050 Sustainability Plan until an independent committee of experts on sustainability and Footprint Analysis can review the revised Hawaii 2050 Sustainability Plan based on the attached observations and recommendations, and submit its findings and further recommendations to the authors of the revised plan and your committee.

Please let me know if any clarifications are desired.

Note that I am also sending this message and attached recommendations to [www.capitol.hawaii.gov/emailtestimony](http://www.capitol.hawaii.gov/emailtestimony).

Mahalo and best regards,

Peter Heffron  
95 West Naauao Street  
Hilo, Hawaii 96720

Tel: (808) 934-0527  
E-mail: [peter.heffron@gmail.com](mailto:peter.heffron@gmail.com)

PDF ATTACHMENT - AS STATED



Recommendations for Future Versions of  
*The Hawai'i 2050 Sustainability Plan*

**4 Recommendations—Table**

REF #	Proposed Actions	Info Pages (hyperlinked)
	<b>I. General Actions/Recommendations</b>	
<b>1</b>	Peruse this paper in its entirety (ignore the pain). <sup>8</sup>	
	<b>II. Before December 21, 2007<sup>9</sup> Actions/ Recommendations</b>	
<b>2</b>	<b>Meeting.</b> Task Force members meet in person and/or virtually to take existing and proposed <i>2050 Plan</i> inputs/recommendations, and to prioritize, synthesize, and cost these for inclusion in the revised <i>Hawai'i 2050 Sustainability Plan</i> .	NA
<b>3</b>	<b>Plan Revision: Two Alternate 2050 Visions.</b> Graphically present <b>two alternate visions of Hawai'i in 2050</b> ; the first vision representing Hawai'i assuming present trends continue; the second representing an ideal Hawai'i; with a bridge -the <i>Hawai'i 2050 Sustainability Plan</i> - linking the two visions.	<b>34</b>
<b>4</b>	<b>Plan Revision: Align the 2050 Issues, Goals, etc.</b> Align the <u>8</u> <i>Hawai'i 2050 Issue Book</i> issues, the <u>5</u> <i>Hawai'i 2050 Sustainability Plan</i> goals, the <u>3</u> "triple bottom line" elements, and the draft <i>Hawai'i 2050 Sustainability Plan</i> commitment to emphasize (a) the ahupua'a principles and (b) education and awareness-raising. Please see the <i>Hawai'i 2050 Goal Alignment Example</i> on page J (capital "i").  <b>Note:</b> If <i>Hawai'i 2050</i> goal alignment cannot be accomplished before the December 21, 2007 submission to the State Legislature deadline, then it <i>could</i> be addressed as a function of the proposed <i>Issue Book</i> -public input- <i>Hawai'i 2050 Plan</i> validation exercise. This would be done as part of the baseline survey exercise described in <i>Hawai'i 2050 Sustainability Plan Recommendation 1</i> on page 12.	<b>J</b> and <b>12</b> and <b>34</b>
<b>5</b>	<b>Plan Revision: Key Trends/Projections to 2050.</b> The <i>2050 Plan</i> should <u>explicitly</u> take the basic Hawai'i 'triple bottom line' trends (e.g., population, culture, health, energy, food, water, income, CO2 and other pollution, sea-level rise, etc.) into account—beginning with charting them from 1950 to 2050—in <u>the Plan</u> .  The proposed chart (rationale and example on page Q) would help correct the current absence of a sense of "urgency" in the <i>Hawai'i 2050 Issue Book</i> and in the <i>Hawai'i 2050 Sustainability Plan</i> . The <i>2050 Plan</i> needs to emphasize that "time is of the essence" in proactively prioritizing and addressing the "triple-bottom-line" (sustainability) issues, such as Hawai'i's 90 percent dependence on imported energy.	<b>Q</b> and <b>2</b>
<b>6</b>	<b>Plan Revision: Risk-Opportunity Analysis.</b> State in the Plan that a comprehensive <i>risk analysis</i> will be included as a <u>critical baseline survey activity</u> (although normally it would have been done during the <i>Hawai'i 2050</i>	<b>6</b>

<sup>8</sup> These recommendations were presented—without the references to additional information included in this paper—in an executive summary submitted in early November 2007 to the Hawai'i 2050 Task Force.

<sup>9</sup> December 21, 2007 is the deadline for submission by the Hawai'i 2050 Task Force of the revised *Hawai'i 2050 Sustainability Plan* to the Hawai'i State Legislature for consideration.

Recommendations for Future Versions of  
*The Hawai'i 2050 Sustainability Plan*

REF #	Proposed Actions	Info Pages (hyperlinked)
	<p>design phase).</p> <p>Risk analysis is an essential part of strategic and program planning because it helps identify likely or potential unintended consequences of the Plan's strategies and activities, as well as likely or potential effects of different scenarios/assumptions on the Plan (e.g., "funding for 2050 core teams is cut"). The result is modified strategies, contingencies, etc. (e.g., "endowment fund established to fund at least one 2050 core position in each county by Year X").</p> <p>For example, risk analysis would consider what risks/constraints might cause us to fail to achieve <i>Hawai'i 2050</i> Goal 3: "Hawaii's natural resources are responsibly and respectfully used, replenished and preserved for future generations." Risk analysis would review prioritized potential unintended effects of Goal 3's outcomes, strategies, outputs, inputs, etc., as well as prioritized potential trends, policies, financial and other constraints that could effect Goal 3's intended cost-effectiveness. In the end, as a result of risk analysis, Goal 3 would probably be restated, and its outcomes, strategies, outputs, etc., modified/strengthened to prevent, mitigate, and/or transform the identified risks/constraints into opportunities.</p>	
7	<p><b>Plan Revision: Baseline Survey.</b> State in the Plan that a <i>baseline survey</i> will be designed and carried out if/once the <i>2050 Plan</i> is approved. The baseline survey will be one of the most important <i>Hawai'i 2050</i> startup activities and should be professionally designed and adequately budgeted. Please see #13 below for further information.</p> <p>The baseline activity is included as an indicator in the <i>Hawai'i 2050 Goal Alignment Example</i> on page J (capital "i") and is further described in <i>Areas for Improvement #7</i>, on page 10.</p>	J and 10
8	<p><b>Plan Revision: Coordination Teams Established.</b> The <i>2050 Plan</i> should mention and budget for <i>Hawai'i 2050 Coordination (or 'Core') teams</i>, one team responsible for each island/county. The Oahu-based team would also coordinate island-wide through the county teams. Note that a "team" could consist of as few as one person on some islands/counties to as many as approximately four people on other islands/counties, depending on various factors.* ....<i>"Good, Fast, or Cheap....Choose 2."</i><sup>10</sup></p> <p>This is yet another critical element in the <i>Hawai'i 2050 Plan</i>. Many if not most of the <i>Hawai'i 2050</i> activities are likely to be carried out on a pro-bono or voluntary basis, however, especially for the first approximately five years, without full-time, fully-funded core teams of professionals to coordinate, oversee, monitor, facilitate—as well as to prepare and submit grant proposals for <i>Hawai'i 2050</i> activities, <u>the <i>Hawai'i 2050</i> enterprise would falter and probably not succeed.</u></p> <p>In addition, ideally at least the State-wide <i>Hawai'i 2050</i> Coordination Team—but preferably the county-level coordination teams as well—would be up and running prior to the baseline and startup workshops. This would enable them to take lead roles in the design and implementation of those key <i>Hawai'i 2050</i> startup activities.</p> <p>*See "core professional teams" in the <i>Recommendations</i> section, page 14, for suggested criteria, skills, etc., for coordination team members. Also see the <i>Role of the Hawai'i 2050 Sustainability Plan (Chart)</i> on page 59, and "Hawai'i</p>	14 and 59 and 60

<sup>10</sup> Original source unknown. Personal Project Management workshop notes.

Recommendations for Future Versions of  
*The Hawai'i 2050 Sustainability Plan*

REF #	Proposed Actions	Info Pages (hyperlinked)
	2050 Coordination Mechanism" on page 60.	
<b>9</b>	<p><b>Plan Revision: Startup Workshops.</b> It is suggested that the <i>Hawai'i 2050 Sustainability Plan</i> should mention <i>startup workshops</i>, and budget for these as well. If the Plan is approved, setting up the coordination teams, designing and conducting the baseline survey, and designing and implementing <u>startup workshops</u> will probably be the highest priority 2050 startup activities—necessary to ensure a solid beginning to the 40-year <i>Hawai'i 2050</i> program.</p> <p>Please see #15 below for details. <i>Also see Recommendation #9</i> on page 17.</p>	<b>16</b>
<b>10</b>	<p><b>Plan Revision: Budget for first Five Years of Plan Implementation.</b> The author is unfamiliar with the Hawai'i Legislative review process and whether or not -or to what extent- there may be a requirement to include with the <i>Hawai'i 2050 Sustainability Plan</i>, cost-benefit estimates, budgets, and so on.</p> <p>It is suggested that <u>regardless of the State Legislature's requirements in this regard</u>,<sup>11</sup> the <i>Hawai'i 2050</i> Task Force, with technical assistance if/as needed, should prepare a <i>basic cost-benefit analysis</i> (the costs of not having/not implementing a <i>Hawai'i 2050 Sustainability Plan</i> versus the benefits of having/implementing that Plan), as well as an approximate <u>budget</u> for the first five years of <i>Hawai'i 2050</i> operations.</p> <p>Both the <i>Hawai'i 2050</i> cost-benefit analysis and the budget should be <u>linked to the <i>Hawai'i 2050 Plan's</i> State-level activities</u> (including estimates for county-level operations that would need county-level validation/input/etc). The cost-benefit and budget linkages to the <i>Hawai'i 2050</i> program could be to a <u>work-breakdown, logframe, or some other standard format</u> in which the <i>Hawai'i 2050</i> goals, outcomes, strategies, indicators, outputs, activities, and inputs are observable together, in a hierarchically manner. (See <i>Hawai'i 2050 Goal Alignment Example</i> on page J, and <i>Recommended Logframe Format for Hawai'i 2050</i> on page 38.)</p>	<b>J and 38</b>
<b>11</b>	<p><b>Plan Revision: User-Friendly, Graphical Document.</b> Finally, with respect to this last of the pre-December 21, 2007 Plan submission suggestions (recalling that only those recommendations, if any, approved by the Task Force would need to be mentioned in the final Plan),<sup>12</sup> it is recommended that the final version of the <i>2050 Plan</i> be much more "user-friendly" than is the draft Plan, including more graphically appealing and informative. <i>The Atlas of Hawai'i: 3<sup>rd</sup> Edition</i><sup>13</sup> is an example of a user-friendly, informative document. Perhaps the Task Force can adapt some of the <i>Atlas of Hawai'i</i>: presentation approaches in the final version of the <i>Hawai'i 2050 Sustainability Plan</i>.</p> <p>See references to a more user-friendly Plan on page 10 (<i>Recommendation #10</i>) and page 42 (<i>Hawai'i 2050 Goal 5 (Kānaka Maoli, etc) Report Card</i></p>	<b>10 and 41</b>

<sup>11</sup> The draft Plan did not include cost-benefit or budget estimates. It is hoped that if the Plan is approved, sufficient funds for startup activities and a minimum of five years of operations at State and county levels would also be authorized.

<sup>12</sup> Because the final Plan submission deadline of December 21, 2007 to the Hawai'i State Legislature looms, areas for improvement listed above and covered in greater detail in other sections, can probably best be addressed by stating in the final Plan that requisite fine-tuning/updating of the *Hawai'i 2050 Sustainability Plan* will occur as a function of a *Hawai'i 2050* baseline survey and *Hawai'i 2050* startup workshops, with input to their design, implementation, and analysis by the authors of the *Hawai'i 2050 Issue Book* and *Hawai'i 2050 Sustainability Plan* in close association with world-class sustainable planning professionals, in addition to extensive international, Federal, State, county, private sector, and public participation. Ref: page 2.

<sup>13</sup> Juvik, Sonia. *Atlas of Hawai'i: 3rd Edition* (Honolulu, Hawai'i: University of Hawaii Press, 1998)

Recommendations for Future Versions of  
*The Hawai'i 2050 Sustainability Plan*

REF #	Proposed Actions	Info Pages (hyperlinked)
	<i>Example).</i>	
	<b>III. After 21 December 2007<sup>14</sup> Actions/Recommendations</b>	
<b>12</b>	<b>Plan Pre-Implementation.</b> Consider/re-consider the preceding and recommendations from others that could not be addressed in the plan submitted on December 21, 2007. Also please refer to this paper's <i>Table of Contents, Role of the Hawai'i 2050 Sustainability Plan (Chart)</i> on page 59, and other sections, as desired, for ideas and suggestions.	<b>59</b>
<b>13</b>	<b>Approved Plan Pre-Implementation: Baseline Survey.</b> Design, conduct, and disseminate the results of a participatory "triple bottom-line" sustainability <i>baseline survey</i> . The overall baseline as well as the environmental component would ideally be led by the organization and professionals who originated the now proven <i>Ecological Footprint Analysis</i> . See the <i>Experts/Professionals</i> section on page 24, <i>What Is Hawaii's Ecological Footprint?</i> on page 54, and the <i>Link Between Sustainability and Ecological Footprint</i> on page 57.  Experts with proven track records in social-cultural and economic sustainability, selected in consultation with the Ecological Footprint coordinator and others as appropriate, would ideally lead the baseline survey components.—per the <i>Hawai'i 2050 Sustainability Plan</i> .  Note that the baseline exercise will be a major undertaking, probably conducted near-simultaneously on each island/county—and would likely take six months to one year to complete (including preparation of terms-of-reference, identifying and contracting appropriate firms, and design, implementation, dissemination of results/analysis, etc.). Therefore the <i>Hawai'i 2050 Sustainability Baseline Survey</i> process should be among the first to be initiated.	<b>J 10 24 54 57</b>
<b>14</b>	<b>Approved Plan Pre-Implementation: Coordination Teams Established.</b> Note that, preferably, the <i>Hawai'i 2050</i> Statewide coordination (core management) team (see #8, above), and, if possible, the island/county core teams—would be activated in time to be involved in all aspects of the <i>Hawai'i 2050</i> baseline and other startup tasks.	<b>14 59 60</b>
<b>15</b>	<b>Approved Plan Pre-Implementation: Startup Workshops.</b> Design and conduct a "training-of-trainers" <i>Hawai'i 2050 Sustainability Plan Start-up Workshop</i> , probably in Honolulu. The purpose of this workshop would be to: (a) "kick-off the Plan; (b) present/re-present the final, approved Plan to key stakeholder representatives from each island/county; (c) encourage fine-tuning of the Plan; (d) develop the outline for a <i>Year One Sustainable Hawai'i Detailed Implementation Plan</i> ; (e) train volunteers to assist facilitators conduct similar workshops in each county (island). Also see <i>Ref #9</i> above, and <i>Recommendation #9</i> on page 16.  <i>Note: Although many Hawai'i 2050 activities will undoubtedly be supported through pro-bono and volunteer contributions, critical activities such as these workshops, etc., need to be budgeted for.</i>	<b>16</b>

<sup>14</sup> Following submission of the revised *Hawai'i 2050 Sustainability Plan* to the Hawai'i State Legislature.

Date: February 15, 2010

To: Senate Committee on Water, Land, Agriculture, and Hawaiian Affairs  
Senator Clayton Hee, Chair  
Senator Jill N. Tokuda, Vice-Chair

From: Anela Lani Grace

RE: Testimony in Support of SB2532: Relating to Sustainability

Chair Hee, Vice-Chair Tokuda, and members of the Senate Committee on Water, Land, Agriculture, and Hawaiian Affairs:

Thank you for this opportunity to provide testimony in support of SB 2532 Relating to Sustainability. This measure will not only “incorporate the definitions, guiding principles, and goals of the Hawaii 2050 sustainability task force report into the Hawaii state planning act, codified as chapter 226,” but in addition, if passed, eventually bring the community closer to acting upon these aspiring policies. Establishing ideal sustainability principles are just the beginning of a long road that must be walked; thus, action on fulfilling these ideals need yet to be seen by the Government, and the people of the community. I am hopeful, however, that more than a majority will be walking the talk.

I urge you Chair Hee and your members not to delay this measure, but to pass SB 2532, so that we can begin walking, acting upon these ideals of sustainability.

Sincerely,

Anela Lani Grace

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**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, February 15, 2010 11:08 AM  
**To:** WTLTestimony  
**Cc:** mjellings@hawaii.rr.com  
**Subject:** Testimony for SB2532 on 2/17/2010 2:45:00 PM

Testimony for WTL 2/17/2010 2:45:00 PM SB2532

Conference room: 229  
Testifier position: support  
Testifier will be present: No  
Submitted by: Carl P Jellings SR  
Organization: Individual  
Address:  
Phone:  
E-mail: [mjellings@hawaii.rr.com](mailto:mjellings@hawaii.rr.com)  
Submitted on: 2/15/2010

Comments:  
Committee on Water Land Hawaiian Affairs

Good Afternoon Senator Hee and Members

In Support of SB2532

Sustainability is no joke with me no catch no eat this life style is a hard one but it is a sustainable life style We cannot borrow fish from Peter to pay Paul either we have it or we dont,Sustainability wasnt ment to be easy, I understand it clearly and therefore Support it.

Mahalo

Carl P Jellings SR.

Thank you for allowing me to submit my testimony in absentia.

My name is Arnie Saiki and I'm the project director for Imi Pono Projects (formerly Statehood Hawaii), we are an independent non-profit organization promoting public dialogue around issues of Hawaiian national justice, and I applaud the timely hearing of SB 2532, "Relating to Sustainability."

My concern however, is that there is no mention of a system or technology whereby we can come to understand how sustainability will be developed or delivered.

I would like to see language that reflects the fundamental difference between Renewable Energy Systems (RES), and alternative energy production like biofuel or biodiesel. It is essential to the meeting of the 2050 goals as laid out in this bill, that we clearly distinguish delivery systems like the decentralized production of autonomous or cooperative RES, opposed to the centralized production of biofuels.

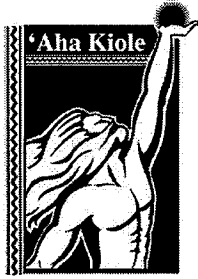
- By **Renewable Energy Systems (RES)**, I am referring to local, decentralized cooperative systems like wind, solar, hydro, or some forms of biomass.
- By **Alternative Energy Systems**, I am referring to Biofuel/biodiesel using Ethanol or other plant-based crop where the environmental impact and conservation practice over land-use is still debated, and the energy distribution would remain centralized.
- Understanding that there are also *large* RES like geo-thermal, and/or large hydro or marine technologies, that require centralized distribution and delivery, it is important to be clear that this has a different environmental impact from Biofuel/biodiesel.

This language is important because it affects the taxpayer's understanding of energy production and ultimately, land use. Citizens and taxpayers should be very clear on the public and private streams of investment and funding for the development of these systems, and the demands it will place on Hawaii lands.

It is also important for future versions of this bill to be clear of the options between *centralized* energy distribution as promoted by HECO, for example; and *decentralized*, cooperative forms of RES which are in line with the language of sustainability currently in the bill. Without this clarity, there may be further contention over land use between the State, public and private development, and Kanaka Maoli determination for the development and delivery of RES in local communities, or ahupua'a, if applicable.

Because we live on an island, it is imperative that the decisions that we make are the most informed ones. Many European islands with greater energy needs than Hawaii have already developed and implemented RES technology effectively. While some islands of smaller populations are approaching 80% reduction of fossil fuels, other islands of comparable population have already reached 20% reduction—the Azores for example.

Arnie Saiki,  
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Aha Kiole Advisory Committee  
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**Statement of SUPPORT of**  
**SB 2532 – RELATING TO SUSTAINABILITY**

Committee on Water, Land, Agriculture and Hawaiian Affairs

Senator Clayton Hee, Chair

Senator Jill N. Tokuda, Vice-Chair

Wednesday, February 17, 2010, 2:45 p.m., Conference Room 229

Aloha Senator Hee, Chair; Senator Tokuda, Vice-Chair; and members of the Committee on Water, Land, Agriculture and Hawaiian Affairs,

In 2006, Native Hawaiian expert cultural practitioners of *lawaia* (fishing), *mahiai* (farming), *kupuna* and other resource Hawaiian practices came together from the forty-three (43) traditional *moku* (districts) in the State of Hawaii to address the critical degradation of Hawaii's natural and cultural resources. Hawaiians are so connected to the *aina* both physically and spiritually that when the ecosystem declines, the Hawaiian suffers as well. The five historic *Ho'ohanohano I Na Kupuna Puwalu* Series held in 2006 and 2007 resulted in the passage of Act 212, the restoration of the Native Hawaiian traditional Aha Moku Process, a process that focuses on site-specific resource management throughout the archipelagic lands of Hawaii. This is a process that has been proven throughout countless generations.

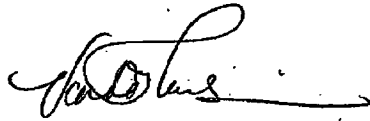
The entire focus of the *Kanaka Maoli* is the sustainability of Hawaii's resources. It is critical to the well-being of our islands that its residents, Hawaiians and all others practice the ways to restore balance to our natural assets. The Kiole took part in the Hawaii 2050 Sustainability Task Force (S2050) and in each Island's working group. *Kanaka Maoli* experts in resource management attended meetings held statewide and contributed to the findings, definitions and recommendations that came from those meetings.

It is apparent that Hawaii's existing rules and regulations pertaining to the protection of our ecosystem are not enough. If the dilapidation is not stopped, we will have nothing to leave for the next generation. We must take an active stand now to safeguard resources essential to the health of Hawaiians. We believe that incorporating the findings of the Hawaii 2050 Sustainability Task Force into law is the sought-after answer.



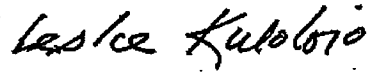
**We urge your committee to pass SB 2532.**

The Aha Kiolo Advisory Committee



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Vanda Hanakahi, Moloka'i, Chair



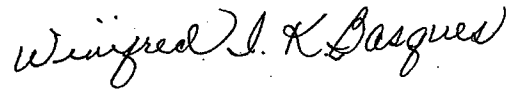
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Leslie Kuloloio, Kahoolawe, Vice-Chair




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Timothy Bailey, Maui



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Winifred Basques, Lana'i



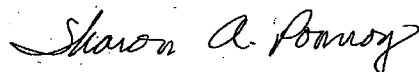
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Hugh Lovell, Hawai'i



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Charles Kapua, O'ahu



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Sharon Pomroy, Kaua'i



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Jean Ilei Beniamina, Ni'ihau

*The Aha Kiolo Advisory Committee was created through Act 212, HRS 2007 and is representative of the 43 traditional moku in the State of Hawaii. The Aha Moku Councils are comprised of expert Native Hawaiian traditional resource practitioners who employ proven generational knowledge and methodology in resource sustainability.*

*For further information, please contact:*

*Leimana DaMate, Administrative Director,*

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Honolulu, HI 96817

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[www.nature.org/hawaii](http://www.nature.org/hawaii)

Testimony of The Nature Conservancy of Hawai'i  
(Provided by Mark Fox, Director of External Affairs)  
Supporting S.B. 2532 Relating to Sustainability  
Senate Committee on Water, Land, Agriculture, and Hawaiian Affairs  
Wednesday, February 17, 2010, 2:45pm, Room 229

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*The Nature Conservancy of Hawai'i is a private non-profit conservation organization dedicated to the preservation of Hawaii's native plants, animals, and ecosystems. The Conservancy has helped to protect nearly 200,000 acres of natural lands for native species in Hawai'i. Today, we actively manage more than 32,000 acres in 11 nature preserves on O'ahu, 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 of Hawai'i supports H.B. 2532 Relating to Sustainability.

The health of Hawaii's unique but threatened natural resources directly affects our economy and quality of life. Residents and visitors alike are awed and inspired by the Hawaiian Islands' natural wonders. Beyond breathtaking beauty, these resources provide essential natural services that make life possible in the middle of the vast Pacific Ocean. From native forests that give us fresh water, erosion control, and cultural treasures, to abundant coral reefs that provide food, recreation, and protection from storms, we all depend daily on nature to sustain us.

Now more than ever in the past, we have come to appreciate the importance of balancing environmental protection with the obvious need to maintain a vibrant economy that supports and does not threaten the needs of future generations. The Hawai'i 2050 sustainability plan provides a strong and defined foundation for sustainability, guiding principles and values, and strategic goals and actions to help lead us toward the Hawai'i we all want for ourselves and future generations.

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**TESTIMONY**

**SB 2532**

**(END)**