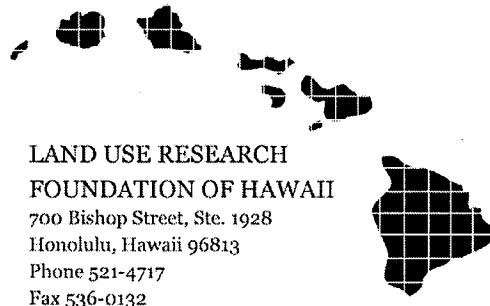


LATE



LAND USE RESEARCH  
FOUNDATION OF HAWAII  
700 Bishop Street, Ste. 1928  
Honolulu, Hawaii 96813  
Phone 521-4717  
Fax 536-0132

Via: Capitol Website

**April 12, 2010**

**Senate Committees on Energy and Environment and  
Commerce and Consumer Protection  
Hearing Date: Monday, April 12, 2010 at 10:00 a.m. in 225**

**Support and Recommendations to HCR 230**

**URGING THE HAWAII CLEAN ENERGY INITIATIVE END-USE EFFICIENCY  
WORKING GROUP TO CONVENE DEVELOPMENT AND BUILDING INDUSTRY  
STAKEHOLDERS TO IDENTIFY BARRIERS TO IMPLEMENTATION AND WORK  
TOWARDS A CONSENSUS POSITION TO PROMOTE THE DESIGN AND  
CONSTRUCTION OF NET ZERO ENERGY BUILDINGS**

Honorable Chair Mike Gabbard, Vice Chair J. Kalani English and Members of the Senate Committee on Energy and Environment, and Honorable Chair Rosalyn Baker, Vice Chair David Ige and Members of the Senate Committee on Commerce and Consumer Protection,

My name is Dave Arakawa, and I am the Executive Director of the Land Use Research Foundation of Hawaii (LURF), a private, non-profit research and trade association whose members include major Hawaii landowners, developers and a utility company. One of LURF's missions is to advocate for reasonable, rational and equitable land use planning, legislation and regulations that encourage well-planned economic growth and development, while safeguarding Hawaii's significant natural and cultural resources and public health and safety.

**LURF is in support of HCR 230, but respectfully request that LURF be named as a part of the working group, when members are identified.** HCR 230 is urging the Hawaii Clean Energy Initiative End-Use Efficiency Working Group to convene development and building industry stakeholders to identify barriers to implementation and work toward a consensus position to promote the design and construction of net zero energy buildings.

LURF is requesting to be named as one of the stakeholders if HCR 230 is amended to include names of organizations to be involved in the group to identify barriers to implement and propose solutions to reach a consensus position to promote the design and construction of net zero energy buildings.

**HCR 230.** LURF understands that behavioral, organizational, and financial barriers may stand in the way of immediate adoption of maximizing energy efficiency practices,

but these barriers may be overcome by encouraging energy security, making energy efficiency more valued, and changing behavior. However, with this change of behavior there must be a balance and initiatives that encourage both the public and private sectors of the community to adopt such practices.

**LURF's POSITION.** LURF is a member of the Honolulu City Council's Sustainable Building Task Force, which was formed as a result of Resolution 09-69, CD1 (2009) and establishes an advisory working group to educate, advise and assist the City and County of Honolulu in its efforts to increase the use of sustainable planning, design and construction practices. The working group has four main objectives:

1. Review existing state and county energy and sustainability-related studies, plans, codes and laws;
2. Analyze and compare existing sustainable development programs and "green building" standards for their applicability in Hawaii;
3. Develop a strategy for increasing the private sector use of sustainable planning, design and construction practices, including the application of "green building" standards; and
4. Present recommendations regarding the application or implementation of new programs, practices, policies or legislation to advance sustainable planning, design and construction practices, including "green building" standards, to the council no later than 120 days after the initial meeting of the advisory working group;

The group that results from HCR 230 will have similar goals of the Honolulu City Council's Sustainable Building Task Force.

Representatives of the Task Force include LURF, AIA, US Green Building Council, Urban Land Institute, BIA, Board of Water Supply, BIA, Sierra Club, Hawaii Developer's Council, Energy Division of DBEDT, DPP, National Renewable Energy Laboratory, Hawaii Hotel and Lodging Association, Hawaiian Electric Company, and others. For additional background please review the Resolution attached.

The goals of HCR 230 are similar to the Honolulu City Council's Sustainable Building Task Force – both promote new initiatives in building. We believe LURF would serve as a resourceful member of the group that this Concurrent Resolution urges to promote.

Thank you for the opportunity to express our **support and suggested revisions to HCR 230.**



## RESOLUTION

---

ESTABLISHING AN ADVISORY WORKING GROUP TO EDUCATE, ADVISE AND ASSIST THE CITY AND COUNTY OF HONOLULU IN ITS EFFORTS TO INCREASE THE USE OF SUSTAINABLE PLANNING, DESIGN AND CONSTRUCTION PRACTICES.

WHEREAS, Leadership in Energy and Environmental Design ("LEED") is a green building rating system established through a national voluntary, consensus-based, market-driven process by the United States Green Building Council ("USGBC"), a non-profit building industry organization based in Washington, D.C.; and

WHEREAS, LEED defines green building practices by establishing a common nationwide standard of measurement and provides a complete framework for assessing building performance and meeting sustainability goals; and

WHEREAS, according to the USGBC, building construction and operation accounts for 65% of electricity consumption, 36% of energy use, 30% of greenhouse gas emissions, 30% of raw materials use, 30% of waste output, and 12% of potable water consumption; and

WHEREAS, many jurisdictions throughout the United States have adopted LEED standards for building construction as a means of improving the energy and environmental performance of buildings; and

WHEREAS, successful implementation of sustainability standards for construction countywide requires the participation and consultation with the building industry, environmental advocates, and land use experts; and

WHEREAS, a few examples among other related programs and/or leading-edge technologies that have the potential to achieve the same or similar results in advancing sustainability include:

- (1) The Building Industry Association's Green Build Program;
- (2) The National Association of Home Builders National Green Building Program (in partnership with the U.S. Department of Energy); and
- (3) Earth-based techniques, such as adobe houses, and rammed earth passive solar homes;

and



## RESOLUTION

---

WHEREAS, the city has already shown its commitment to sustainability via the formation and funding of the Mayor's Sustainability Task Force; and

WHEREAS, the city has further shown its commitment to sustainability via the City Sustainability Plan; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that it hereby establishes a building sustainability working group of building industry representatives, environmental advocates, and land use experts to educate, advise and assist the council in its efforts to increase the private sector's use of sustainable planning, design and construction practices, including the following objectives:

- (1) Review existing state and county energy and sustainability-related studies, plans, codes and laws;
- (2) Analyze and compare existing sustainable development programs and "green building" standards for their applicability in Hawaii;
- (3) Develop a strategy for increasing the private sector use of sustainable planning, design and construction practices, including the application of "green building" standards; and
- (4) Present recommendations regarding the application or implementation of new programs, practices, policies or legislation to advance sustainable planning, design and construction practices, including "green building" standards, to the council no later than 120 days after the initial meeting of the advisory working group;

and

BE IT FURTHER RESOLVED that the working group may include a representative from each of the following organizations:

- (1) The American Institute of Architects;
- (2) The United States Green Building Council;
- (3) The Urban Land Institute;



## RESOLUTION

---

- (4) The American Society of Heating, Refrigerating and Air-Conditioning Engineers;
- (5) The Board of Water Supply;
- (6) The Building Industry Association;
- (7) The General Contractor's Association;
- (8) The Sierra Club;
- (9) The Land Use Research Foundation;
- (10) The American Council of Engineering Companies;
- (11) The Hawaii Developers' Council;
- (12) The National Renewable Energy Laboratory;
- (13) The Hawaii Insurers Council;
- (14) The Energy Division of the state Department of Business, Economic Development and Tourism;
- (15) The Department of Planning and Permitting; and
- (16) The mayor's Energy and Sustainability Task Force;

and

BE IT FURTHER RESOLVED that within 30 days of this Resolution's adoption, the representative from each of the above organizations is requested to submit his or her name to the Council Chair, who shall then proceed to establish the working group and provide staff to serve as the liaison between the City Council and the working group; and



**RESOLUTION**

BE IT FINALLY RESOLVED that copies of this Resolution be transmitted to: The American Institute of Architects: AIA Honolulu, 119 Merchant Street, Suite 402, Honolulu, Hawaii 96813; The United States Green Building Council: Hawaii Chapter, U.S. Green Building Council, c/o Scott Inatsuka, Lincolne Scott, Inc., 1132 Bishop Street, Honolulu, Hawaii 96813; The Urban Land Institute: ULI Hawaii District Council, Department 304, Washington, D.C. 20055-0304; The American Society of Heating, Refrigerating and Air-Conditioning Engineers: ASHRAE Hawaii, P.O. Box 3916, Honolulu, Hawaii 96812-3916; The Board of Water Supply, 630 South Beretania Street, Honolulu, Hawaii 96813; The Building Industry Association: BIA-Hawaii, 1727 Dillingham Boulevard, Honolulu, Hawaii 96819-4018; The General Contractor's Association: General Contractors Association of Hawaii, 1065 Ahua Street, Honolulu, Hawaii 96819; The Sierra Club, 1040 Richards Street, Room 306, Honolulu, Hawaii 96813; The Land Use Research Foundation, 700 Bishop Street, Suite 1928, Honolulu, Hawaii 96813; The American Council of Engineering Companies, Hawaii Chapter, P.O. Box 88840, Honolulu, HI 96830; The Hawaii Developers' Council, P.O. Box 2537, Honolulu, Hawaii 96804; The National Renewable Energy Laboratory, 1617 Cole Blvd., Golden, CO 80401-3393; The Hawaii Insurer's Council, 1001 Bishop Street, Suite 2010, Honolulu, Hawaii 96813; The Department of Business, Economic Development and Tourism—Energy Division, P.O. Box 2359, Honolulu, Hawaii 96804; The Department of Planning and Permitting; the mayor, and the managing director.

INTRODUCED BY:

Donovan Dela Cruz

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE OF INTRODUCTION:

February 25, 2009  
 Honolulu, Hawaii

\_\_\_\_\_  
 Councilmembers

CITY COUNCIL  
CITY AND COUNTY OF HONOLULU  
HONOLULU, HAWAII  
CERTIFICATE

RESOLUTION 09-69, CD1

Introduced: 02/25/09 By: DONOVAN DELA CRUZ

Committee: TRANSPORTATION  
AND PLANNING


Title: RESOLUTION ESTABLISHING AN ADVISORY WORKING GROUP TO EDUCATE, ADVISE AND ASSIST THE CITY AND COUNTY OF HONOLULU IN ITS EFFORTS TO INCREASE THE USE OF SUSTAINABLE PLANNING, DESIGN AND CONSTRUCTION PRACTICES.

Links: [RES09-69](#)  
[RES09-69, CD1](#)  
[CR-100](#)

NOTE: COUNCILMEMBER BARBARA MARSHALL PASSED AWAY ON SUNDAY, FEBRUARY 22, 2009. THE COUNCIL CONTINUES TO OPERATE IN ACCORDANCE WITH THE 9 MEMBERS IT IS ENTITLED TO PURSUANT TO SECTION 3-102, REVISED CHARTER OF THE CITY AND COUNTY OF HONOLULU 1973, AS AMENDED.

TRANSPORTATION AND PLANNING	03/05/09	CR-100 – RESOLUTION REPORTED OUT OF COMMITTEE FOR ADOPTION AS AMENDED IN CD 1 FORM.		
COUNCIL	03/18/09	CR-100 AND RESOLUTION AS AMENDED (RES09-69, CD1) WERE ADOPTED.		
APO Y	BAINUM Y	CACHOLA Y	DELA CRUZ Y	DJOU Y
GARCIA Y	OKINO Y	TAM Y		

I hereby certify that the above is a true record of action by the Council of the City and County of Honolulu on this RESOLUTION.

  
BERNICE K. N. MAU, ACTING CITY CLERK

  
TODD K. APO, CHAIR AND PRESIDING OFFICER