

**STATE OF HAWAII**  
**DEPARTMENT OF HEALTH**  
P. O. Box 3378  
Honolulu, HI 96801-3378  
doh.testimony@doh.hawaii.gov

WRITTEN  
TESTIMONY ONLY

**Testimony in SUPPORT of HB0562 HD1  
RELATING TO CONSTRUCTION WASTE**

REPRESENTATIVE SYLVIA LUKE, CHAIR  
HOUSE COMMITTEE ON FINANCE

Hearing Date: February 22, 2019                      Room Number: 308

1    **Fiscal Implications:** Unknown

2    **Department Testimony:** This bill tasks the Department of Health (Department) with convening  
3    a working group to develop recommendations on how to implement a requirement for the reuse,  
4    recycling, or donation of construction waste. The Department offers the following comments:

5            The Department of Health supports this measure. We also note that this measure may  
6    impact the priorities identified in the Governor's Executive Budget Request for the Department's  
7    appropriations and personnel priorities.

8    **Offered Amendments:** None

9            Thank you for the opportunity to testify on this measure.

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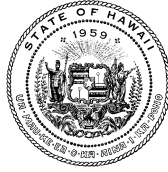
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DAVID Y. IGE  
GOVERNOR



CURT T. OTAGURO  
COMPTROLLER  
AUDREY HIDANO  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
**DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES**  
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

WRITTEN TESTIMONY  
OF  
CURT T. OTAGURO  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
TO THE  
HOUSE COMMITTEE ON FINANCE  
ON  
FEBRUARY 22, 2019, 11:00 A.M.  
CONFERENCE ROOM 308, STATE CAPITOL

H.B. 562 H.D. 1  
RELATING TO CONSTRUCTION WASTE

Chair Luke, Vice Chair Cullen and Members of the Committee, thank you for the opportunity to testify on H.B. 562. H.B. 1.

The Department of Accounting and General Services (DAGS) supports the intent of this bill to convene a construction waste reuse and recycling working group. This working group would determine how to implement a program for the reuse, recycling, and donation of construction waste.

Thank you for the opportunity to testify on this matter.

DEPARTMENT OF DESIGN AND CONSTRUCTION  
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 11<sup>TH</sup> FLOOR  
HONOLULU, HAWAII 96813  
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KIRK CALDWELL  
MAYOR



ROBERT J. KRONING, P.E.  
DIRECTOR

MARK YONAMINE, P.E.  
DEPUTY DIRECTOR

February 20, 2019

The Honorable Sylvia Luke, Chair  
The Honorable Ty J.K. Cullen, Vice Chair  
and Members of the Committee on Finance

House  
State Capitol, Room 308  
415 South Beretania Street  
Honolulu, Hawaii 96813

Dear Chair Luke, Vice Chair Cullen, and Members:

SUBJECT: House Bill No. 562 H.D.1, Relating to Construction Waste

The purpose of House Bill No. 562 HD1 is to “require the department of health to convene a construction waste reuse and recycling working group to develop recommendations on how to implement a requirement for the reuse, recycling, or donation of construction waste.” The Department of Design and Construction (DDC) agrees that construction waste should be reused and recycled to the maximum practical extent.

However, DDC respectfully **opposes** House Bill No. 562 HD1 for several reasons, including the following:

- The construction industry is already making significant progress in this regard, motivated to increase recycling and reuse of materials by the high cost of construction waste disposal. Construction materials including concrete, asphalt, aggregate, steel, and wood are routinely recycled by construction contractors to avoid paying for disposal in a landfill or at H-Power.
- There is room for improvement in the area of increasing reuse over material recycling, but solutions to this challenge are market specific and would be better addressed at the county level than by new State regulations.
- This bill is unnecessary. A Department of Health working group is not the appropriate level at which to improve the economic and other incentives to increase construction material reuse and recycling.

The Honorable Sylvia Luke, Chair  
The Honorable Ty J.K. Cullen, Vice Chair  
and Members  
February 20, 2019  
Page 2

- The effort of the proposed new working group has the potential to divert resources away from other Department of Health environmental programs that would yield a greater benefit, such as hazardous waste management and cleanup, enforcement of illegal dumping, watershed management, Clean Water Act administration, etc.

DDC typically has approximately 120 active construction contracts under management at any given time. For new building projects, the City and County of Honolulu requires compliance with the Leadership in Energy and Environmental Design (LEED) Silver requirements, which is a much more practical method of addressing environmental impacts, such as reuse and recycling of construction waste than additional State regulations (Revised Ordinances of the City and County of Honolulu 1990, Section 2-9.3).

Based on the above considerations, DDC respectfully **opposes** House Bill No. 562 HD1.

Thank you for the opportunity to express our opposition to this bill.

Very truly yours,



Robert J. Kroning, P.E.  
Director



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

HOUSE COMMITTEE ON FINANCE  
Friday, February 22, 2019 — 11:00 a.m. — Room 308

## **Ulupono Initiative Supports the Intent of HB 562 HD 1 with a Comment, Relating to Construction Waste**

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee:

My name is Murray Clay and I am Managing 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 produced food; increase affordable, clean, renewable energy; and better manage waste and fresh water resources. Ulupono believes that self-sufficiency is essential to our future prosperity and will help shape a future where economic progress and mission-focused impact can work hand in hand.

**Ulupono supports the intent of HB 562 HD 1 with a comment**, which requires the Department of Health to convene a construction waste reuse and recycling working group focusing on construction waste, because it aligns with our goal of reducing waste in Hawai'i.

This bill is a crucial step to help Hawai'i become more sustainable, self-reliant and resilient. Construction and demolition waste is the single largest contributor to our waste stream in Hawai'i, representing 30 percent of all the material going into the landfill. On O'ahu alone, more than 400 structures are demolished each year. Only 10 percent of these are deconstructed and salvaged for reuse.

The production and shipping of building materials consume a tremendous amount of energy. When these items are kept out of the landfill and preserved for reuse, all the energy that was invested into them is also saved. For every ton of wood products that are salvaged in Hawai'i, 60 pounds of greenhouse gases are avoided by reducing the need to harvest and produce new products.

These salvaged materials also become an affordable community resource, helping local low to moderate-income Hawai'i families, especially those that cannot afford to buy new materials.

Ulupono recommends expanding the working group to have a better balance of industry and actual recyclers. Right now, there is only one slot for a recycler and it is not specific to

*Investing in a Sustainable Hawai'i*



construction and demolition waste. There should be at least two spots for recyclers already involved with construction and demolition waste like Re-Use Hawai'i on O'ahu and Hawai'i Materials Recycling on Maui, as examples. There are several other companies involved in wood, metals, aggregate and other construction and demolition reuse and recycling that could also be included.

As Hawai'i's waste issues become increasingly complex and challenging, we appreciate this committee's efforts to look at policies that address these issues.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay  
Managing Partner



**TESTIMONY TO THE HOUSE COMMITTEE ON FINANCE  
State Capitol, Conference Room 308  
415 South Beretania Street  
11:00 AM**

February 22, 2019

RE: HOUSE BILL NO. 562 HD 1, RELATED TO CONSTRUCTION WASTE

Chair Luke, Vice Chair Cullen, and members of the committee:

My name is Gladys Quinto-Marrone, CEO of the Building Industry Association of Hawaii (BIA-Hawaii). Chartered in 1955, the Building Industry Association of Hawaii is a professional trade organization affiliated with the National Association of Home Builders, representing the building industry and its associates. BIA-Hawaii takes a leadership role in unifying and promoting the interests of the industry to enhance the quality of life for the people of Hawaii. Our members build the communities we all call home.

BIA-Hawaii **supports the intent** of H.B. 562 HD 1, which would require the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste.

Recycling of demolition materials is currently being done by the processes used by the various landfills in the types of demolition materials they will accept for disposal. Reuse and resale of construction waste is done on a case by case basis due to the additional cost and time required to deconstruct improvements.

We look forward to joining the working group, and helping to find creative ways to incentivize the market to move the market toward reuse, recycling and/or donating construction waste to minimize impacts on landfills.

We support the intent of H.B. 562 HD 1, and appreciate the opportunity to express our views on this matter.

**HB-562-HD-1**

Submitted on: 2/21/2019 10:34:55 AM

Testimony for FIN on 2/22/2019 11:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Melodie Aduja	O`ahu County Committee on Legislative Priorities of the Democratic Party of Hawai`i	Support	No

Comments:





# ROOFING CONTRACTORS ASSOCIATION OF HAWAII

Century Square - 1188 Bishop St., Ste. 1003\*\*Honolulu, HI 96813-3304

Ph: (808) 537-1224\*\*Fax: (808) 533-2739

February 22, 2019

Testimony To: House Committee on Finance  
Representative Sylvia Luke, Chair

Presented By: Tim Lyons, CAE  
Executive Director

Subject: H.B. 562, HD 1 - RELATING TO CONSTRUCTION WASTE.

Chair Luke and Members of the Committee:

I am Tim Lyons, Executive Director of the Roofing Contractors Association of Hawaii and we generally support this bill.

Waste from reroofing jobs has long been a concern to our industry. In fact, sometime ago we advocated for a Resolution to have the Department of Planning and Economic Development study a recycling project in order to determine if it was economically feasible to recycle torn off roofing material for other uses such as for use in asphalt paving. This is done in certain other states. Unfortunately, it was determined that we do not have a sufficient amount of waste generation in order to do that and the issue was dropped.

Although the issue was dropped, it has not been out of our mind and we're still concerned about what to do with this waste. Therefore, we highly endorse the formation of a working group in order to determine how to implement a requirement for such material.

Based on the above, we support this bill.

Thank you.



# Chamber of Commerce HAWAII

*The Voice of Business*

**Testimony to the House Committee on Finance  
Friday, February 22, 2019 at 11:00 A.M.  
Conference Room 308, State Capitol**

**LATE**

**RE: HOUSE BILL 562 HD1 RELATING TO CONSTRUCTION WASTE**

Chair Luke, Vice Chair Cullen, and Members of the Committee:

The Chamber of Commerce Hawaii ("The Chamber") supports the intent of HB 562 HD1, which requires the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste.

The Chamber is Hawaii's leading statewide business advocacy organization, representing about 2,000+ businesses. Approximately 80% of our members are small businesses with less than 20 employees. As the "Voice of Business" in Hawaii, the organization works on behalf of members and the entire business community to improve the state's economic climate and to foster positive action on issues of common concern.

Recycling of demolition materials is currently being done by the processes used by the various landfills in the types of demolition materials they will accept for disposal. Reuse and resale of construction waste is done on a case by case basis due to the additional cost and time required to deconstruct improvements.

We would appreciate if the working group would look for creative ways to "Incentivize" the market to move the market toward reuse, recycling and/or donating construction waste to minimize impacts on landfills.

Thank you for the opportunity to testify.



# SIERRA CLUB OF HAWAI'I

**MĀLAMA I KA HONUA. Cherish the Earth.**

## HOUSE COMMITTEE ON FINANCE

February 22, 2019 11:00 a.m. Room 308

**LATE**

In **SUPPORT** of **HB 562 HD1**: Relating to construction waste

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Aloha Chair Luke, Vice Chair Cullen, and members of the committee,

On behalf of our 20,000 members and supporters, the Sierra Club of Hawai'i is **in support of HB 562 HD1**, which would require the Department of Health to convene a construction waste reuse and recycling working group to determine how to implement a requirement for the reuse, recycling, or donation of construction waste.

The Sierra Club of Hawai'i is committed to supporting efforts that seek to reduce waste and consumption across the islands, that initiate on-island recycling and processing, and that explore innovative ways to upcycle and reuse various waste materials. In this case, we advocate for diverting construction waste away from the landfill or to H-POWER by reuse, recycling, or donation. We realize there is a need to address the issue of construction waste, as it can have negative impacts on the natural environment. Due to comments on previous testimony, we believe a working group is the best way to begin working on this issue. Our communities have come so far in their support for recycling programs, and *we should continue moving toward a zero waste Hawai'i in a way that is clean, efficient, and causes minimal harm to the environment.*

*We urge the committee to pass this measure*, which will serve our collective efforts to reduce waste across the state.

Thank you very much for this opportunity to provide testimony in **support of HB 562 HD1**

Mahalo,  
Lori Mallini  
Volunteer, Sierra Club of Hawai'i

**LATE**

**HB-562-HD-1**

Submitted on: 2/22/2019 5:24:50 AM  
Testimony for FIN on 2/22/2019 11:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Councilmember Yuki Lei Sugimura	Individual	Support	No

Comments:

I support this and would suggest a site visit to Maui's comprehensive inert materials recycling facility, Hawaii Materials Recycling company. This company is located in Kihei, Maui at East Welekahao Road in Kihei, Maui. This facility "is committed to providing Maui with a state of the art inert materials recycling facility that will divert materials from landfill disposal while producing construction materials."

Yuki Lei Sugimura

Councilmember, Maui County

DEPARTMENT OF ENVIRONMENTAL SERVICES  
**CITY AND COUNTY OF HONOLULU**

1000 ULUOHIA STREET, SUITE 308, KAPOLEI, HAWAII 96707  
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KIRK CALDWELL  
MAYOR



LORI M.K. KAHIKINA, P.E.  
DIRECTOR

TIMOTHY A. HOUGHTON  
DEPUTY DIRECTOR

ROSS S. TANIMOTO, P.E.  
DEPUTY DIRECTOR

IN REPLY REFER TO:  
WAS 19-72

February 21, 2019

The Honorable Sylvia Luke, Chair  
The Honorable Ty J.K. Cullen, Vice Chair  
and Members of the Committee on Finance  
House of Representatives  
State Capitol  
415 South Beretania Street, Room 308  
Honolulu, Hawaii 96813

**LATE**

Dear Chair Luke, Vice Chair Lowen and Members of the Committee on Finance:

SUBJECT: HB 562 HD1 Relating to Construction Waste

The Department of Environmental Services of the City and County of Honolulu (ENV), supports HB 562 HD1, which proposes the formation of a Construction Waste Reuse and Recycling Working Group (Working Group) to determine how to implement a requirement for the reuse, recycling, or donation of construction waste. With a very large capital improvement and construction program that exceeds \$400 million annually, ENV is a significant stakeholder in this issue and looks forward to participating in the Working Group.

Thank you for the opportunity to testify and for your consideration of our comments.

Sincerely,

A handwritten signature in black ink, appearing to be "Lori M.K. Kahikina", is written over a horizontal line.

Lori M.K. Kahikina, P.E.  
Director

**LATE**

**HB-562-HD-1**

Submitted on: 2/22/2019 10:20:38 AM

Testimony for FIN on 2/22/2019 11:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Nicole Chatterson	Zero Waste O?ahu	Support	No

Comments: