

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

**Testimony COMMENTING on SB3129
RELATING TO CONSTRUCTION WASTE**

SENATOR MIKE GABBARD, CHAIR
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT
Hearing Date: 2/10/2020 Room Number: 224

Fiscal Implications: No funds appropriated. This measure may impact the priorities identified in the Governor's Executive Budget Request for the Department of Health's (Department) appropriations and personnel priorities. The Department estimates that the cost to implement this proposal is approximately \$75,000.00, exclusive of staff time to manage the administrative functions and logistics. This estimate is based on the Department's past expenditures and projected expenses to implement Act 254, which directed the Department to facilitate the Plastic Source Reduction Working Group in 2019.

Department Testimony: The Department recognizes the importance of collaboratively developing solutions to effectively manage construction waste throughout the State. A working group representing various interests and viewpoints can be an effective approach to developing solutions to difficult issues. However, we are concerned that the timing of the proposed working group will prevent the Department from completing other mandated activities.

Currently, the Department's Office of Solid Waste Management (OSWM) is actively involved with the aforementioned Plastic Source Reduction Working Group, which will submit a report of its findings and recommendations to the Legislature no later than twenty days prior to convening the regular session of 2021. The Department's OSWM also plans to update its Integrated Solid Waste Management (ISWM) plan in the next year, as the counties complete updates to their ISWM plans. Additionally, OSWM will be procuring compliance audit services

1 as recommended by the State Auditor for the Deposit Beverage Container (DBC) Program in the
2 next year.

3 Unfortunately, OSWM lacks the manpower and ability to effectively manage these
4 current and planned projects, tend to daily DBC and Advance Disposal Fee Program activities,
5 and also facilitate a new working group. The Department agrees that this working group can be
6 beneficial but is concerned that this proposal will impact OSWM's priorities and that OSWM
7 staffing shortages will impact the effectiveness of the working group within the specified
8 deadlines.

9 **Offered Amendments:** None.

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



OFFICE OF ECONOMIC DEVELOPMENT
THE COUNTY OF KAUA'I

DEREK S. K. KAWAKAMI, MAYOR
MICHAEL A. DAHILIG, MANAGING DIRECTOR

ROBBIE MELTON
DIRECTOR

Testimony of Ben Sullivan
Energy & Sustainability Coordinator, Office of Economic Development

Before the
Senate Committee on Agriculture and Environment
February 10, 2020; 2:15 pm
Conference Room 224

In consideration of
Senate Bill 3129 Relating to Construction Waste

Honorable Chair Gabbard, Vice Chair Ruderman, and Members of the committee,

The County of Kauai **supports** SB 3129, 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

On Kauai, a 2016 waste characterization study identified construction waste to be over 25% of the waste stream disposed of in Kekaha Landfill. With as little as 7 years before we run out of space in Kekaha, Kauai County is looking at all options to extend the life of the landfill and improve our waste management practices which already place a large burden on our taxpayers. As the largest single fraction of our waste, C&D waste is a priority for our diversion efforts.

Construction waste is a large fraction of the waste stream on all islands. Although concrete and asphalt are already recycled at a high rate, other construction materials present significant waste diversion opportunities across the Counties. Numerous other jurisdictions have mature construction waste diversion programs in places where disposal costs are significantly lower than in Hawaii. Creating these programs requires thoughtful collaboration between government and the private sector to create impactful, efficient programs that do not overburden the construction industry. By working with diverse stakeholders from across the State, the working group will be able to clearly identify best practice and opportunities for improving the system. Further, the potential to develop uniform rules, incentives, and reporting will help ease any burden on the many contractors who work in multiple Counties across the State.

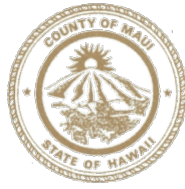
Thank you for supporting improved collaboration between government and the private sector in order to find better solutions to our waste challenges.



Michael P. Victorino
Mayor

Sananda K. Baz
Managing Director

Kay Fukumoto
Economic Development Director



County of Maui
Office of Economic Development
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.mauicounty.gov

February 08, 2020

TESTIMONY OF CHANA MAKALE'A DUDOIT ANE
OFFICE OF ECONOMIC DEVELOPMENT, ENVIRONMENTAL COORDINATOR
COUNTY OF MAUI

BEFORE THE SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

SB3129 RELATING TO CONSTRUCTION WASTE; RECYCLING; WORKING GROUP
Honorable Mike Gabbard, Chair
Honorable Russell E. Ruderman
Honorable Members of the Senate Committee on Agriculture and Environment

Dear Chair Gabbard, Vice Chair Ruderman, and members of the committee,

RE: In **SUPPORT** for **SB3129**

Construction waste is a large fraction of the waste stream on all islands. Although concrete and asphalt are already recycled at a high rate, other construction materials present significant waste diversion opportunities across the Counties. Numerous other jurisdictions have mature construction waste diversion programs in places where disposal costs are significantly lower than in Hawaii. Creating these programs requires thoughtful collaboration between government and the private sector to create impactful, efficient programs that do not overburden the construction industry. By working with diverse stakeholders from across the State, the working group will be able to clearly identify best practice and opportunities for improving the system. Further, the potential to develop uniform rules, incentives, and reporting will help ease any burden on the many contractors who work in multiple Counties across the State. Thank you for supporting improved collaboration between government and the private sector in order to find better solutions to our waste challenges.

Sincerely,

A handwritten signature in black ink, appearing to read "Chana Makale'a Dudoit Ane".

Chana Makale'a Dudoit Ane
Environmental Coordinator
County of Maui, Office of Economic Development

DEPARTMENT OF ENVIRONMENTAL SERVICES
CITY AND COUNTY OF HONOLULU

1000 ULUOHIA STREET, SUITE 308, KAPOLEI, HAWAII 96707
TELEPHONE: (808) 768-3486 • FAX: (808) 768-3487 • WEBSITE: <http://envhonolulu.org>

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 20-53

February 7, 2020

The Honorable Mike Gabbard, Chair
The Honorable Russell E. Ruderman, Vice-Chair
and Members of the Committee on Agriculture & Environment
Senate
State Capitol, Room 224
415 South Beretania Street
Honolulu, Hawaii 96813

Dear Chair Gabbard, Vice-Chair Ruderman, and Members of the Committees on
Agriculture & Environment:

SUBJECT: SB 3129
Relating to Construction Waste

The Department of Environmental Services (ENV) of the City and County of
Honolulu supports SB 3129.

Construction and Demolition (C&D) waste represents a significant portion (~40%) of the solid waste stream on Oahu. While much of this waste is already recycled, it is important that we continue to explore innovative approaches to increase C&D recycling rates or, even better, divert this material from the waste stream altogether through waste reduction and reuse programs. Prioritizing waste reduction and reuse is in accordance with the Environmental Protection Agency's solid waste management hierarchy and are the most cost effective solutions to C&D waste management.

Thank you for your consideration.

Sincerely,

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

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

SB-3129

Submitted on: 1/31/2020 10:07:39 AM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Regina Gregory	Testifying for EcoTipping Points Project	Support	No

Comments:



COMMITTEE ON AGRICULTURE AND ENVIRONMENT
State Capitol, Conference Room 224
415 South Beretania Street
2:15 PM

February 10, 2020

RE: SENATE BILL NO. 3129, RELATED TO CONSTRUCTION WASTE

Chair Gabbard, Vice Chair Rudeman, and members of the committee:

My name is Dwight Mitsunaga, 2020 President 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 is in support of S.B. 3129, 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.

We appreciate being selected as one of the members of the Construction Waste Reuse and Recycling Working Group, and look forward to productive discussions that would lead to recommendations that would benefit all parties.

We are in support of S.B. 3129, and appreciate the opportunity to provide our comments on this matter.

SB-3129

Submitted on: 1/31/2020 12:39:00 PM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexandra Kahn	Testifying for Surfrider Oahu	Support	No

Comments:

Testimony of
Stephen Joseph
PVT Land Company, Ltd.
SB 3129 Relating to Construction Waste
February 9, 2020

SUBMITTED VIA CAPITOL WEBSITE

Chair Mike Gabbard
Vice Chair Russell E. Ruderman
Members of the Senate Committee on Agriculture and Environment

Dear Chair Gabbard, Vice Chair Ruderman and Members of the Committee:

Thank you for the opportunity to **submit comments** concerning SB 3129 Relating to Construction Waste. SB 3129 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.

PVT Land Company, Ltd. submits this testimony to provide information that may be helpful to the Committee in its deliberations. PVT is the only publicly available integrated solid waste management facility for construction and demolition debris on Oahu. The vast majority of debris that enters the PVT facility is separated, crushed, or shredded for reuse or recycling. PVT is able to recycle up to 80 percent of the debris that enters the facility: metals are recycled offsite; concrete, rock and dirt are recycled for use at the facility or offsite; wood and other combustible material are processed into feedstock that can be used in a gasifier to produce clean synthetic natural gas. By recycling and converting debris into feedstock for the production of energy, PVT can help reduce Hawaii's dependence on landfills and fossil fuels.

Together with PVT, the construction industry is the largest recycler of solid waste on Oahu. The City and County of Honolulu recently published its 2019 Integrated Solid Waste Management Plan Update (November 2019). The 2019 Report describes the tremendous increase in recycling on Oahu, from 74,000 tons of material in 1988 to 1,198,000 tons in 2017. The construction industry, including PVT, is the largest recycler with 763,279 tons of rock, concrete and asphalt recycled. This does not count the metal recycling by PVT and others in the construction industry or the generation of feedstock by PVT. See Table 4-1. Total Tons Recycled, Calendar Year 2017 at https://www.opala.org/solid_waste/pdfs/ISWMP_2019_Final.pdf

PVT respectfully submits that the construction industry is already a leader in recycling. Thank you again for the opportunity to submit comments on this measure.

February 7, 2020

Senator Gabbard
Committee on Agriculture and the Environment



RE: SB3129

Dear Chair, Vice Chair and Committee Members,

Re-use Hawai'i is a non-profit organization working to keep building materials out of the landfill for the purpose of reuse. The materials we recover are provided to the community as an affordable resource.

SB3129 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% of all the material that goes to the landfill. On O'ahu alone, over 400 structures are demolished each year. Only 10% of these are deconstructed and salvaged for reuse. Landfill capacity and locations on O'ahu, Kaua'i, Maui and Hawai'i Island are a major concern making waste reduction a top priority for the sustainability of our island state.

Furthermore, the production of new building materials consumes a tremendous amount of energy. When these items are kept out of the landfill and saved for reuse, all the energy that was invested into them is preserved. For every ton of wood products that are salvaged in Hawai'i, 2.2 tons of greenhouse gases are avoided by reducing the need to harvest and produce new products.

These salvaged materials also become an affordable community resource at the Re-use Hawai'i Redistribution Center. To-date, we have served 40,000 unique community members there. It is especially helpful for families, especially those that can't afford to buy new materials.

For 13 years Re-use Hawai'i has diverted a total of 13 million pounds of good reusable materials from the waste stream, valuing over 10 million dollars. We envision a future where natural resources are more broadly preserved by the construction industry in Hawai'i and the community benefits from the availability of locally sourced affordable building material.

As deemed necessary by the Legislature, we strongly support the creation of a working group of industry and community groups to explore the best solutions to our construction waste challenges. Re-use Hawai'i is very willing to participate.

Mahalo nui loa,

Quinn Vittum
Executive Director, Re-use Hawai'i

SB-3129

Submitted on: 2/9/2020 11:37:09 AM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Melody Euaparadorn	Testifying for Zero Waste Big Island	Support	No

Comments:

SB-3129

Submitted on: 1/30/2020 9:21:05 PM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Benton Kealii Pang, Ph.D.	Individual	Comments	No

Comments:

I offer comments on SB3129. Please ensure the location for the disposal of construction waste is at least 0.5 miles from the nearest school or housing complex. Environmental contaminants like asbestos and lead paint should not be disposed of near our communities.

Benton Kealii Pang, Ph.D.

SB-3129

Submitted on: 2/5/2020 5:06:28 PM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Quinn	Individual	Support	No

Comments:

Dear Honorable Committee Members:

Please support SB3129, which should help alleviate Hawaii's landfill problem.

Thank you for the opportunity to present my testimony.

Andrea Quinn

Kihei



February 7, 2020

Senator Gabbard Chair, and Committee Members of the Senate Committee on Agriculture and Environment

RE: ICC Supports Passage of SB 3129

Dear Chair, Vice Chair and Committee Members:

The International Code Council (ICC) is a 60,000 member, non-profit public benefit corporation dedicated to helping the building safety community and construction industry provide safe, sustainable, environmentally responsible, energy-efficient and affordable construction through the development of codes and standards used in the design, build and compliance process by state and local governments including the State of Hawaii's agencies, and Hawaii's Counties.

SB 3129 proposes the Department of Health to be charged to convene a construction waste and recycling working group to develop recommendations and to set reasonable and attainable measures to implement a program to divert, reuse, donate, or recycle construction waste and demolition materials from construction sites.

It is appropriate to charge the Department of Health to convene a working group of stakeholders to investigate the related issues of program implementation and to assess the true capacity of how much and what materials can be realistically diverted from the waste stream.

It is responsible to report the working group's findings to the legislature, so realistic and obtainable standards of construction waste diversion can be guided by the legislature and crafted into administrative rules by the appropriate state agency.

ICC strongly supports SB3129.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Kraig Stevenson", is written over a horizontal line.

Kraig Stevenson, CBO
ICC Government Relations
kstevenson@iccsafe.org
562-201-9209

SB-3129

Submitted on: 2/8/2020 9:37:38 PM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Bronson Kainoa Kiyoshi Azama	Individual	Support	No

Comments:

Aloha mai Kakou,

My name is Bronson Azama and I am student at James B. Castle High School and I am from the ahupua'a of He'eia, in the moku of Ko'olaupoko. I am a firm believer in looking at ways to better manage construction waste. I find it is in our best interest to conduct better practices in an effort to preserve our natural resources. We often do not think about the detrimental effect such waste has on not only the environment something is constructed on, but to the landfills this waste fills. Often times this material can be reused or recycled. I would like to see more recycling efforts of such waste, that will reduce the need to purchase raw material which for the most does not come from our own lands.

Again I support this bill as I see it as an initiative to build a more sustainable Hawai'i

Mahalo,

Bronson

SB-3129

Submitted on: 2/9/2020 10:58:35 AM

Testimony for AEN on 2/10/2020 2:15:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dylan P. Armstrong	Individual	Support	No

Comments:



Chamber of Commerce HAWAII

The Voice of Business

**Testimony to the Senate Committee on Agriculture and Environment
Monday, February 10, 2020 at 2:15 P.M.
Conference Room 224, State Capitol**

RE: SB 3129, RELATING TO CONSTRUCTION WASTE

LATE

Chair Gabbard, Vice Chair Ruderman, and Members of the Committee:

The Chamber of Commerce Hawaii ("The Chamber") **supports** SB 3129, 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 Chamber is Hawaii's leading statewide business advocacy organization, representing 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.

We appreciate being selected as one of the members of the Construction Waste Reuse and Recycling Working Group and look forward to productive discussions that would lead to recommendations that would benefit all parties.

Thank you for the opportunity to testify on this legislation.