



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

Written
Testimony
Only

**Testimony COMMENTING on H.B. 2648, H.D. 1
RELATING TO FOOD WASTE DISPOSAL**

REPRESENTATIVE SYLVIA LUKE, CHAIR
HOUSE COMMITTEE ON FINANCE

Hearing Date: March 1, 2016
Time: 3:00 p.m.

Room Number: 308

1 **Fiscal Implications:** Unknown reuse and recycling costs for select food waste generators, and
2 investigative costs for studies needed to evaluate impacted waste stream and adequacy of
3 infrastructure.

4 **Department Testimony:** The Department offers the following comments:

5 Section 2, as written, requires clarification and revision in at least the following four
6 areas. (1) The businesses listed in subsection (a) should be defined in statute. The Department
7 could not adequately determine legislative intent based on the given list. (2) The title for the
8 proposed new section in HRS 342G and subsection (a) should be shortened to “Zero food waste”
9 because it issues a mandate and does not contain a goal as written. (3) As written, the
10 commercial food waste generators are required to reduce food waste generation to zero, but
11 perhaps the intent is for generators to divert food waste from landfills. Food waste, such as
12 bones and inedibles will inevitably be generated. (4) It may not be necessary for the Department
13 to develop rules to implement this section, thus “shall,” should be revised to “may,” and the
14 deadline should be removed; otherwise the Department may not be able to develop or revise
15 rules as may be necessary during the life of implementation. Furthermore, the department will
16 require funding in order to implement and enforce the proposed program. Current program
17 resources are limited and are not adequate to allow for enforcement of the proposed
18 responsibilities.

1 Section 3 provides for an advisory committee to evaluate the sufficiency of existing
2 systems, and recommend infrastructure and resources needed to “meet the requirements for
3 eliminating food waste in the municipal solid waste stream by 2025.” Clarification should be
4 provided to determine whether the requirements are limited to that provided in Section 2, or for
5 the elimination of all food waste in the municipal solid waste stream, which includes commercial
6 generators not listed in Section 2, residential food waste and certain special waste. Evaluating a
7 system to remove all food waste can be done, but will require more specific data on existing
8 conditions, which is beyond the scope of the counties’ waste characterization studies, and will
9 require data gathering from generating sources as well as at the disposal facilities. For cost
10 comparison basis, we understand that the City and County of Honolulu has estimated around
11 \$200,000 to update their latest waste characterization report for two disposal locations. At this
12 time, we believe that a food waste composition study may be prudent at each of the municipal
13 solid waste disposal facilities (there are nine) as well as from select points of generation. This
14 data gathering cost estimate does not include the full evaluation of the data after collection.

15 The Solid Waste Surcharge portion of the Environmental Management Special Fund
16 currently does not have money to pay for committee member expenses and data gathering.
17 Unless an appropriation is granted, we will not have the adequate information to perform the
18 requested analysis.

19 Thank you for the opportunity to testify on this bill.

Bernard P. Carvalho, Jr.
Mayor



George K. Costa
Director

Nadine Nakamura
Managing Director

OFFICE OF ECONOMIC DEVELOPMENT
County of Kaua'i, State of Hawai'i

4444 Rice Street, Suite 200, Līhu'e, Hawai'i 96766
TEL (808) 241-4946 FAX (808) 241-6399

Before the House Committee on Finance
Tuesday, March 1st, 2016
Conference Room 308
3:00 p.m.

IN SUPPORT OF HB 2648 RELATING TO FOOD WASTE DISPOSAL

Chair Luke, Vice Chair Nishimoto, and members of the committee,

The County of Kauai supports HB 2648, which eliminates commercial food waste from solid waste disposal stream, with suggested amendments.

Kauai County recognizes the numerous benefits of removing food waste from our landfills in Hawaii. Food waste in landfills gives rise to numerous management challenges including methane release, increased leachate, odors, and wildlife impacts. By capturing food waste prior to disposal, valuable nutrients can be recovered for use in local agriculture, and biogas can be captured for electricity production or transportation fuel. Finally, a system that eliminates disposal of food waste also reduces the wasting of food altogether, making more food available for donation throughout the State.

Suggested amendments: The current version of the bill establishes 2025 as the start date for eliminating food waste disposal. We suggest that the bill be amended to establish a 2022 as the effective year. It is our view that the earlier deadline is reasonable and achievable, whereas the later deadline is far enough out that it may be more difficult to get focused efforts from all the parties involved, and may needlessly delay the benefits realized. Further, we recommend that the minimum commercial generator size, currently stated in the bill as those entities generating 1 ton or more of food waste per year, be studied by the advisory committee formed under the bill with recommendations to the legislature in a future session. Although we strongly support this effort, we believe that the threshold size must be carefully set to maximize food waste capture and minimize burden on small generators.

Sincerely,

Ben Sullivan
Energy and Sustainability Coordinator
Office of Economic Development
County of Kauai

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 16-53

February 29, 2016

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

Dear Chair Luke and Members:

SUBJECT: House Bill 2648, H.D.1 Relating to Food Waste

The City and County of Honolulu, Department of Environmental Services (ENV) opposes House Bill 2648, H.D.1. We support the intent of the bill, which is to reduce food waste. The Federal Environmental Protection Agency is focused on reducing this waste by better food management practices, which we also support and which this bill does not address. We believe that with more attention to this initiative, it will reduce or eliminate the development of additional infrastructure to handle food waste.

There are some inaccuracies that we ask be addressed. The quantity of waste is not 20,000 tons as stated, but closer to 39,000 tons per year on Oahu, based on a 2014 study. For the City and County of Honolulu, the processing of food waste does not reduce the efficiency at H-POWER, and we disagree that alternative processes would reduce costs. For example, an additional collection process would definitely increase costs.

We believe the bill and the proposed task force is duplicative and unnecessary as the responsibilities currently exist within the counties, and are best served at the county level. This bill should be deferred.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Lori M.K. Kahikina", is written over a large, light-colored scribble or stamp.

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

From: Doorae Shin <doorae@hawaii.edu>
Sent: Monday, February 29, 2016 10:25 AM
To: FINTestimony
Subject: Re: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

Please just accept testimony as in "Support" with no comments

—
Doorae Shin
B.A., Sustainability Studies
dooraeshin.wordpress.com

"The secret to change is to focus all of your energy, not on fighting the old, but on building the new." - Socrates

On Feb 29, 2016, at 9:44 AM, FINTestimony <fintestimony@capitol.hawaii.gov> wrote:

Aloha,

We are unable to open the attached ZIP file. Please resend in PDF or Word format.

Mahalo

From: mailinglist@capitol.hawaii.gov [<mailto:mailinglist@capitol.hawaii.gov>]
Sent: Monday, February 29, 2016 9:08 AM
To: FINTestimony <fintestimony@capitol.hawaii.gov>
Cc: doorae@hawaii.edu
Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 2/29/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
doorae shin	Kokua Hawaii Foundation	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of

the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov



Executive Officers:
Derek Kurisu, KTA Superstores - Chairperson
John Erickson, Young's Market Company – Vice Chair
Bob Stout, Times Supermarkets – Secretary/Treasurer
Lauren Zirbel, Executive Director

1050 Bishop St. PMB 235
Honolulu, HI 96813
Fax : 808-791-0702
Telephone : 808-533-1292

TO: COMMITTEE ON FINANCE
Representative Sylvia Luke, Chair
Representative Scott Y. Nishimoto, Vice Chair

FROM: HAWAII FOOD INDUSTRY ASSOCIATION
Lauren Zirbel, Executive Director

DATE: Tuesday, March 1, 2016
TIME: 3:00 p.m.
PLACE: Conference Room 308

RE: HB2648, HD1

Position: Oppose

The Hawaii Food Industry Association is comprised of two hundred member companies representing retailers, suppliers, producers, and distributors of food and beverage related products in the State of Hawaii.

HFIA supports the overall intent of this measure. The creation of a solid waste infrastructure advisory committee is a crucial first step in further reducing food waste. However, we oppose the inclusion of section 2. It is not viable to mandate zero waste by food establishments while offering no guarantee that government infrastructure will support this goal.

We ask for the following amendments:

The purpose of this Act is to:

~~—(1) Require commercial entities that generate over one ton of commercial food waste annually to reduce such waste to zero by January 1, 2025; and~~

(2) Create an advisory committee to investigate existing solid waste management infrastructure and resources necessary to support a food waste disposal reduction program.

~~SECTION 2. Chapter 342G, Hawaii Revised Statutes, is amended by adding a new section to be appropriately designated and to read as follows:~~

~~"§342G— Zero food waste; goal. (a) A commercial food wholesaler or distributor, industrial food manufacturer or processor, supermarket, resort, or conference center that generates over one ton of commercial food waste annually shall reduce such waste to zero by January 1, 2025.
(b) No later than January 1, 2019, the department of health shall adopt rules pursuant to chapter 91 to achieve the goal identified in subsection (a)."~~

While we understand the need to establish a standard, we believe it is premature to establish one prior to the creation of a solid waste infrastructure advisory committee. We suggest focusing on first creating an advisory committee through this bill then, based upon the committee's recommendations, determining further action.

HFIA would be willing to participate in discussions and collaborate with the state and the proposed advisory committee to explore options for waste distribution systems and potential implementation methods. In turn, this information could be used to determine a reasonable, achievable waste reduction goal.

Thank you for the opportunity to testify.

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 29, 2016 9:26 AM
To: FINTestimony
Cc: matt.johnson@sustainpromgmt.com
Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 2/29/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Matt Johnson	Oahu Fresh	Support	No

Comments: Testimony in SUPPORT of HB 2648 HD1 Relating to Commercial Organic Waste To: The Chairs and members of the FIN Committee Position: Support Hearing: 3/1/16 3:00m, Rm 308 Dear Chair Luke, Vice Chair Nishimoto and committee members, I am writing in support of HB 2648 HD1, relating to commercial organic waste diversion. Legislation that guarantees feedstock for potential composting or clean energy facilities is necessary to help fill the infrastructure gap in the State's food waste processing capacity. Even in the absence of mandates, there are multiple entrepreneurs across the State seeking to build food waste diversion infrastructure, because they see it for what it is - a resource to be utilized not wasted. By providing incentive that encourages the development of food recycling facilities in Hawaii, this law has the potential to create more opportunity for local businesses to recycle food waste and reduce our state's carbon footprint. The City and County of Honolulu already has a successful program model from Ordinance 96-20 requiring large food waste producers to recycle their food waste, that has spurred new economic opportunities for EcoFeed, while reducing disposal cost burdens on businesses. This food waste reduction model would benefit every county by drastically reducing the landfill and clean air burdens. Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the United States Environmental Protection Agency (U.S. EPA) and the United States Department of Agriculture (USDA). The EPA's (and Hawaii Revised Statutes 342G) established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority below source reduction, feeding the hungry, livestock production and creating compost for healthy soils. Food disposed of in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 percent times the global warming potential of carbon dioxide. Recycling food waste and turning it into compost has high environmental benefits such as improving soil health, increasing drought resistance, and reducing the need for supplemental water, fertilizers, and pesticides. It has been demonstrated that applying compost and organic matter to soils sequesters carbon from the atmosphere, mitigating climate change. Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and support local Agriculture through building healthy

soils. More efforts to feed Hawaii's hungry versus our landfills and incinerators can help address the one in seven households in the State of Hawai'i that are food insecure, by donating safe and healthy food to a food bank or food rescue organization. As you consider the merits of HB 2648 HD1, I respectfully request that you consider our overflowing landfills and the need to increase our State's waste management efficiency as we strive to become a leader among the several states for environmental protection and green policy initiatives. I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition. Sincerely, Matt Johnson CEO, Oahu Fresh

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

Aloha Chair Sylvia Luke & Members of the House Committee on Finance
RE: HB 2648 HD1: In Strong Support
Monday, February 29, 2016

I am writing on behalf of the Zero Waste Kauai in support of HB 2648, relating to the diversion of commercial organic waste from disposal.

Maximizing the diversion of organic waste (foodwaste) from disposal has been identified as a program with multiple, important benefits by the United States Environmental Protection Agency (U.S. EPA), the States of Calif & Mass, and by numerous municipalities across the country.

Some of the benefits include: Reducing the generation of Greenhouse Gases (primarily methane and the impacts of Climate Change; Improving landfill operations (reduction in vectors and odors); Reduction in landfill leachate toxicity; Improvement in Waste to Energy efficiencies; Assisting in feeding the hungry; Providing feedstock for local livestock; Improving soil quality (water retention, reducing the need for supplemental fertilizers and pesticides, disease suppression, improved production, etc); and Providing additional Climate Change benefits through carbon sequestration in agricultural soils.

Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the US EPA, and the United States Department of Agriculture (USDA).

Food disposed in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 percent times the global warming potential of carbon dioxide.

The EPA's established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority focusing first on source reduction, feeding the hungry, use as animal feed, and creating compost for healthy soils.

Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and supporting local Agriculture through building healthy soils.

More efforts to feed Hawaii's hungry versus our landfills and incinerators can help address the one in seven households in the State of Hawai'i that are food insecure, by donating safe and healthy food to a food bank or food rescue organization.

Comments:

- It should be made clear that the proposed legislation adopts the US EPA hierarchy and that nothing within the legislation should be interpreted to preclude the use of higher priority solutions / options.

- The currently proposed threshold of one ton/yr would include just about every commercial entity - Small condos, many office bldgs, large construction projects, etc. In addition, the proposed implementation timeline is inadequate and should be moved up.

We would propose you increase the threshold level and push up the timeline. We propose a phased in implementation of one ton/week by 2022 and one ton/mth by 2025

- In order for the legislation to be effectively implemented the Legislature needs to provide the resources necessary for: Program development (drafting of rules, coordination advisory committee); Program implementation (oversee demonstration projects, provide education, outreach, and technical assistance); and Program oversight (enforcement, reporting, analysis, modifications).

We would propose providing one additional staff person within the Dept of Health, Solid and Hazardous Waste Branch starting FY 2017.

- The legislation should provide funding for demonstration projects. Existing capacity and capabilities exist on Kauai (Heart & Soul Organics) and Maui (EKO Composting). The legislation should provide funding to subsidize the initial collection costs and additional monitoring and testing requirements as the programs get started (recommend \$200,000 / year for 3 years - \$100,000 each demonstration)

- The Advisory Committee appears to have 3 members that are commercial haulers and only one commercial generator. We would recommend increasing the generator participation to 3 members (Restaurants, Super Markets, Hotels).

- We recommend the legislature consider funding a program similar to the Massachusetts Center for EcoTechnology (<http://www.recyclingworksma.com/>) to support the program.

With the suggested modifications the proposed legislation will be a centerpiece of our waste management efforts. Zero Waste Kauai strongly requests that your Committee move forward with this important piece of legislation

Mahalo for your time and consideration on this important topic.

John Harder
President, Zero Waste Kauai

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 29, 2016 5:27 AM
To: FINTestimony
Cc: shawke@mail.uc.edu
Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 2/29/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Kristen Shaw	Individual	Support	No

Comments: Testimony in SUPPORT of HB 2648 HD1 Relating to Commercial Organic Waste To: The Chairs and members of the FIN Committee Position: Support Hearing: 3/1/16 3:00m, Rm 308 Dear Chair Luke, Vice Chair Nishimoto and committee members, I am writing in support of HB 2648 HD1, relating to commercial organic waste diversion. Legislation that guarantees feedstock for potential composting or clean energy facilities is necessary to help fill the infrastructure gap in the State's food waste processing capacity. Even in the absence of mandates, there are multiple entrepreneurs across the State seeking to build food waste diversion infrastructure, because they see it for what it is - a resource to be utilized not wasted. I personally compost my own food waste and it has been beneficial to my home and gardens as well. I have reduced the amount of trash I personally produce and put on the curb, eliminated fruit flies from my home in the summer when they are attracted to food waste in the trash and it has enriched the soil in my garden to naturally support my landscaping and food gardens without artificial fertilizers. By providing incentive that encourages the development of food recycling facilities in Hawaii, this law has the potential to create more opportunity for local businesses to recycle food waste and reduce our state's carbon footprint. The City and County of Honolulu already has a successful program model from Ordinance 96-20 requiring large food waste producers to recycle their food waste, that has spurred new economic opportunities for EcoFeed, while reducing disposal cost burdens on businesses. This food waste reduction model would benefit every county by drastically reducing the landfill and clean air burdens. Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the United States Environmental Protection Agency (U.S. EPA) and the United States Department of Agriculture (USDA). The EPA's (and Hawaii Revised Statutes 342G) established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority below source reduction, feeding the hungry, livestock production and creating compost for healthy soils. Food disposed of in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 percent times the global warming potential of carbon dioxide. Recycling food waste and turning it into compost has high environmental benefits such as improving soil health, increasing drought resistance, and reducing the need for

supplemental water, fertilizers, and pesticides. It has been demonstrated that applying compost and organic matter to soils sequesters carbon from the atmosphere, mitigating climate change. Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and support local Agriculture through building healthy soils. More efforts to feed Hawaii's hungry versus our landfills and incinerators can help address the one in seven households in the State of Hawai'i that are food insecure, by donating safe and healthy food to a food bank or food rescue organization. As you consider the merits of HB 2648 HD1, I respectfully request that you consider our overflowing landfills and the need to increase our State's waste management efficiency as we strive to become a leader among the several states for environmental protection and green policy initiatives. I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition. Sincerely, Kristen Shaw

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 28, 2016 11:38 PM
To: FINTestimony
Cc: kamaaina@pilipono.com
Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 2/28/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Don Najita	Individual	Support	No

Comments: Testimony in SUPPORT of HB 2648 HD1 Relating to Commercial Organic Waste To: The Chairs and members of the FIN Committee Position: Support Hearing: 3/1/16 3:00m, Rm 308 Dear Chair Luke, Vice Chair Nishimoto and committee members, I am writing in support of HB 2648 HD1, relating to commercial organic waste diversion. Legislation that guarantees feedstock for potential composting or clean energy facilities is necessary to help fill the infrastructure gap in the State's food waste processing capacity. Even in the absence of mandates, there are multiple entrepreneurs across the State seeking to build food waste diversion infrastructure, because they see it for what it is - a resource to be utilized not wasted. By providing incentive that encourages the development of food recycling facilities in Hawaii, this law has the potential to create more opportunity for local businesses to recycle food waste and reduce our state's carbon footprint. The City and County of Honolulu already has a successful program model from Ordinance 96-20 requiring large food waste producers to recycle their food waste, that has spurred new economic opportunities for EcoFeed, while reducing disposal cost burdens on businesses. This food waste reduction model would benefit every county by drastically reducing the landfill and clean air burdens. Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the United States Environmental Protection Agency (U.S. EPA) and the United States Department of Agriculture (USDA). The EPA's (and Hawaii Revised Statutes 342G) established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority below source reduction, feeding the hungry, livestock production and creating compost for healthy soils. Food disposed of in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 percent times the global warming potential of carbon dioxide. Recycling food waste and turning it into compost has high environmental benefits such as improving soil health, increasing drought resistance, and reducing the need for supplemental water, fertilizers, and pesticides. It has been demonstrated that applying compost and organic matter to soils sequesters carbon from the atmosphere, mitigating climate change. Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and support local Agriculture through building healthy

soils. More efforts to feed Hawaii's hungry versus our landfills and incinerators can help address the one in seven households in the State of Hawai'i that are food insecure, by donating safe and healthy food to a food bank or food rescue organization. As you consider the merits of HB 2648 HD1, I respectfully request that you consider our overflowing landfills and the need to increase our State's waste management efficiency as we strive to become a leader among the several states for environmental protection and green policy initiatives. I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition. Sincerely, Don Najita

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 28, 2016 10:59 PM
To: FINTestimony
Cc: ymakaha@gmail.com
Subject: *Submitted testimony for HB2648 on Mar 1, 2016 15:00PM*

HB2648

Submitted on: 2/28/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Yoshio Akaha	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 28, 2016 9:19 AM
To: FINTestimony
Cc: amybrinker@mac.com
Subject: *Submitted testimony for HB2648 on Mar 1, 2016 15:00PM*

HB2648

Submitted on: 2/28/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Amy Brinker	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
Sent: Saturday, February 27, 2016 6:00 PM
To: FINTestimony
Cc: ndavlantes@aol.com
Subject: *Submitted testimony for HB2648 on Mar 1, 2016 15:00PM*

HB2648

Submitted on: 2/27/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Nancy Davlantes	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

Testimony in **SUPPORT** of
HB 2648 HD1 Relating to Commercial Organic Waste

To: The Chairs and members of the FIN Committee

Position: **Support**

Hearing: 3/1/16 3:00pm, Rm 308

Dear Chair Luke, Vice Chair Nishimoto and committee members,

I am writing in support of HB 2648 HD1, relating to commercial organic waste diversion. Legislation that guarantees feedstock for potential composting or clean energy facilities is necessary to help fill the infrastructure gap in the State's food waste processing capacity.

Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the United States Environmental Protection Agency (U.S. EPA) and the United States Department of Agriculture (USDA). The EPA's (and Hawaii Revised Statutes 342G) established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority below source reduction, feeding the hungry, livestock production and creating compost for healthy soils.

By providing incentive that encourages the development of food recycling facilities in Hawaii, this law has the potential to create more opportunity for local businesses to recycle food waste and reduce our state's carbon footprint. This food waste reduction model would benefit every county by drastically reducing the landfill and clean air burdens.

Food disposed of in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 times the global warming potential of carbon dioxide. Recycling food waste and turning it into compost has high environmental benefits such as improving soil health, increasing drought resistance, and reducing the need for supplemental water, fertilizers, and pesticides. It has been demonstrated that applying compost and organic matter to soils sequesters carbon from the atmosphere, mitigating climate change.

Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and support local Agriculture through building healthy soils.

For the stated reasons, I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition.

Sincerely,
Kaily Wakefield

Testimony in SUPPORT of
HB 2648 HD1 Relating to Commercial Organic Waste

To: The Chairs and members of the FIN Committee

Position: Support

Hearing: 3/1/16 3:00m, Rm 308

Aloha mai kakou e Chair Luke, Vice Chair Nishimoto and committee members,

I am writing in support of HB 2648 HD1, relating to commercial organic waste diversion. Legislation that guarantees feedstock for potential composting or clean energy facilities is necessary to help fill the infrastructure gap in the State's food waste processing capacity. Even in the absence of mandates, there are multiple entrepreneurs across the State seeking to build food waste diversion infrastructure, because they see it for what it is - a resource to be utilized not wasted. By providing incentive that encourages the development of food recycling facilities in Hawaii, this law has the potential to create more opportunity for local businesses to recycle food waste and reduce our state's carbon footprint. The City and County of Honolulu already has a successful program model from Ordinance 96-20 requiring large food waste producers to recycle their food waste, that has spurred new economic opportunities for EcoFeed, while reducing disposal cost burdens on businesses. This food waste reduction model would benefit every county by drastically reducing the landfill and clean air burdens.

Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the United States Environmental Protection Agency (U.S. EPA) and the United States Department of Agriculture (USDA). The EPA's (and Hawaii Revised Statutes 342G) established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority below source reduction, feeding the hungry, livestock production and creating compost for healthy soils.

Food disposed of in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 percent times the global warming potential of carbon dioxide. Recycling food waste and turning it into compost has high environmental benefits such as improving soil health, increasing drought resistance, and reducing the need for supplemental water, fertilizers, and pesticides. It has been demonstrated that applying compost and organic matter to soils sequesters carbon from the atmosphere, mitigating climate change.

Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and support local Agriculture through building healthy soils. More efforts to feed Hawaii's hungry versus our landfills and incinerators can help address the one in seven households in the State of Hawai'i that are food insecure, by donating safe and healthy food to a food bank or food rescue organization.

As you consider the merits of HB 2648 HD1, I respectfully request that you consider our overflowing landfills and the need to increase our State's waste management efficiency as we strive to become a leader among the several states for environmental protection and green policy initiatives.

I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition.

Sincerely,

Oriana Filiaci

Testimony in SUPPORT of
HB 2648 HD1 Relating to Commercial Organic Waste

To: The Chairs and members of the FIN Committee

Position: Support

Hearing: 3/1/16 3:00m, Rm 308

Dear Chair Luke, Vice Chair Nishimoto and committee members,

I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition. There are many benefits to reducing the waste of our food waste that I'm sure you'll hear about from other citizens, and also a successful model at the county level of how to do so.

I would therefore like to focus my testimony on the benefits related to greenhouse gas emissions. As a marine biologist, study firsthand the effects that global warming is having our coral reefs. I've seen some devastating things during my years of work here, so I've become a bit hardened to seeing Nature in a degraded state. However, the coral bleaching that hit Hawai'i Nei and other parts of the Pacific recently was unprecedented and shocking even to my jaded eyes.

My favorite quotable quote is from Mahatma Ghandi, "Be the change you wish to see in the world." I like this quote because it has a subtle and sublime optimism, and it's also a call to lead by example. Of course the causes of global warming are multiple, and this measure certainly won't stop it by itself. But it's a significant positive step that goes hand in hand with some of the other bold measures the State of Hawai'i has taken to reduce its contribution to global warming. It puts us in a position where our small islands are leading by example, so I ask you today to support this measure and to 'be the change.'

Thanks for your consideration,
Brett D. Schumacher, Ph.D.

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 29, 2016 2:03 PM
To: FINTestimony
Cc: amylong2@yahoo.com
Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 2/29/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Amy Marie Long	Individual	Support	No

Comments: Testimony in SUPPORT of HB 2648 HD1 Relating to Commercial Organic Waste To: The Chairs and members of the FIN Committee Position: Support Hearing: 3/1/16 3:00m, Rm 308 Dear Chair Luke, Vice Chair Nishimoto and committee members, I am writing in support of HB 2648 HD1, relating to commercial organic waste diversion. Legislation that guarantees feedstock for potential composting or clean energy facilities is necessary to help fill the infrastructure gap in the State's food waste processing capacity. Even in the absence of mandates, there are multiple entrepreneurs across the State seeking to build food waste diversion infrastructure, because they see it for what it is - a resource to be utilized not wasted. By providing incentive that encourages the development of food recycling facilities in Hawaii, this law has the potential to create more opportunity for local businesses to recycle food waste and reduce our state's carbon footprint. The City and County of Honolulu already has a successful program model from Ordinance 96-20 requiring large food waste producers to recycle their food waste, that has spurred new economic opportunities for EcoFeed, while reducing disposal cost burdens on businesses. This food waste reduction model would benefit every county by drastically reducing the landfill and clean air burdens. Food waste is the second largest component in our waste stream and accounts for 25% of all materials sent to our landfills, according to the United States Environmental Protection Agency (U.S. EPA) and the United States Department of Agriculture (USDA). The EPA's (and Hawaii Revised Statutes 342G) established hierarchy of food waste disposal methods calls for landfilling and incineration to be the lowest priority below source reduction, feeding the hungry, livestock production and creating compost for healthy soils. Food disposed of in our landfills rots and contributes to producing methane gas - a potent greenhouse gas (GHG) with 21 percent times the global warming potential of carbon dioxide. Recycling food waste and turning it into compost has high environmental benefits such as improving soil health, increasing drought resistance, and reducing the need for supplemental water, fertilizers, and pesticides. It has been demonstrated that applying compost and organic matter to soils sequesters carbon from the atmosphere, mitigating climate change. Effectively reducing GHG emission in Hawai'i through food waste diversion will move Hawai'i towards our Aloha+ Challenge commitments of 70% waste stream reduction by 2025, and support local Agriculture through building healthy

soils. More efforts to feed Hawaii's hungry versus our landfills and incinerators can help address the one in seven households in the State of Hawai'i that are food insecure, by donating safe and healthy food to a food bank or food rescue organization. As you consider the merits of HB 2648 HD1, I respectfully request that you consider our overflowing landfills and the need to increase our State's waste management efficiency as we strive to become a leader among the several states for environmental protection and green policy initiatives. I support HB 2648 HD1 alongside the Surfrider Foundation and Rise Above Plastics coalition. Sincerely, Amy Marie Long

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov



From: mailinglist@capitol.hawaii.gov
 Sent: Tuesday, March 01, 2016 12:02 PM
 To: FINTestimony
 Cc: nikki2244@gmail.com
 Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 3/1/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Nicole Chatterson	Individual	Support	No

Comments: Testimony in Support with of comments: HB2648 Aloha Chairs and Finance Committee, I am writing in support of HB2648, with amendments. I have been professional involved in food waste reduction through my work at Kupu in partnership with the U.S EPA and am a member of the Surfrider Oahu Chapter's Executive Committee. The intent of the bill is long overdue as Hawai'i is falling behind the national and international curve in sustainable waste management and the economic growth this type of waste management can bring. This is an incredible opportunity for innovation in the private sector. I have worked with three separate business who have plans to launch food recovery systems in Hawaii ('Aina Pono, Protoculture, and Small Kine Farms). Their hold-up: there is no requirement for most business to responsibly divert their food waste. Support of this bill is support for private sector innovation. For reasons of climate change prevention, social justice and nutrition access, and putting our limited resources to the best and highest use (i.e. the difference between burning food waste and composting it) this is something I urge the Finance Committee to move forward. By not both preventing the generation of food waste in the first place and not properly reusing the food waste we do generate we are perpetuating the waste of a significant amount of monetary, labor, land, and water resources that went into growing the food we waste. However, I propose two amendments. 1) The implementation date must be moved forward to at least 2022 if we are going to maintain serious momentum on this issue and attract the private sector innovation. 2) The diversion enactment limit (currently 1 tons) should be generated as a result of the study of the Food Waste Task Force and not an arbitrary number set by this bill. Mahalo for your consideration and your commitment to see a better future for Hawai'i. Sincerely, Nicole Chatterson

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov



From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, March 01, 2016 1:15 PM
To: FINTestimony
Cc: lho@hawaiiublicpolicy.com
Subject: Submitted testimony for HB2648 on Mar 1, 2016 15:00PM

HB2648

Submitted on: 3/1/2016

Testimony for FIN on Mar 1, 2016 15:00PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Bob Gutierrez	Times Supermarkets	Support	No

Comments: Times Supermarket is based on Oahu and operates 26 stores with locations in Maui, Kauai and Oahu. Reducing food waste is important, however, we want to be mindful that mandates can cause unintended outcomes and that industry input is critical to achieving success.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov