

March 20, 2022

Senator Mike Gabbard
Chair, Committee on Agriculture and Environment

Senator Sharon Moriwaki
Chair, Committee on Government Operations

Senator Glenn Wakai
Chair, Committee on Energy, Economic Development, and Tourism

Hawaii State Legislature
415 S Beretania St
Honolulu, HI 96813

Re: Oppose HB 1640 HD2 Relating to Recycling

Dear Chair Gabbard, Chair Moriwaki, and Chair Wakai:

On behalf of the Consumer Technology Association (CTA), thank you for opportunity to provide comments in opposition to HB 1640 HD2. CTA is the trade association representing the U.S. consumer technology industry – including manufacturers of televisions and computer equipment which are the primary targets of this legislation. We also represent retailers of these and other consumer technology products.

CTA is very familiar with the current Extended Producer Responsibility (EPR) laws that require television and computer manufacturers to recycle old electronics in Hawaii. Under these EPR programs that have been in effect for more than a decade, electronics manufacturers have spent more than \$25 million to safely recycle old televisions and to fund the Hawaii Department of Health's oversight of the recycling system.

As shown in Table 1 below, the combined amounts of televisions and computer equipment recycled peaked about 2015. This is not unique to Hawaii and is the result of light-weighting of televisions and computers by manufacturers starting in the early/mid-2000s. You may recall the old, heavy cathode ray tube televisions and monitors that sat on the floor in the family room – today a much larger television using better and lighter technology can be hung on the wall like a mirror. These dramatic changes are reflected in weight of electronics coming through the system as Table 1 shows.

Note that the light-weighting trend has driven lower overall “sales weights” of televisions and computers sold until the past couple years when weights per unit generally bottomed out and many consumers bought more of these devices to help communicate, be entertained, and do remote work during the pandemic. Based on sales weights calculated under other states’ EPR electronics recycling programs, CTA expects the decline in overall recycling weights to decline for the next 6-8 years, then bottom out or even creep back up slightly starting in 2030 consistent with product use and lifespans of these devices.

Table 1

Year	Combined Amounts of Hawaii TVs/Computers Recycled by Manufacturers (lbs. per capita)	Change from Previous Year
2010	2.38	
2011	2.55	8%
2012	2.79	10%
2013	2.95	6%
2014	2.98	1%
2015	2.95	-1%
2016	2.85	-4%
2017	2.45	-14%
2018	2.32	-5%
2019	2.22	-4%
2020	2.02	-9%

Note that HB 1640 HD2 requires increasing recycling rates from 2023-2025, which is not consistent with the background decline in weights coming during the next decade. Simply put, there will not be enough pounds of electronics in Hawaii to meet this proposed mandate. As CTA uncovered in New Jersey in 2019, and has strong circumstantial evidence in Illinois from their law structured similar to HB 1640 HD2 (which has since been replaced), the only entities who benefit from unreachable targets are recyclers who sell pounds that either do not exist or are outside the scope of the program.

Note also that the “split” between pounds recycled by television manufacturers verses pounds recycled by computer manufacturers as reported by DOH has been reasonably close, even though TV manufacturers have a pounds recycling target currently and computer manufacturers do not. For example, according to DOH data in 2020, computer manufacturers recycled about 600,000 lbs. of computer equipment while television manufacturers recycled just over 2 million pounds. While this does not reflect the exact proportions of current TV sales weights compared to computer weights, in jurisdictions where these products are regulated identically it is common for more computers to appear in lower amounts and be recycled outside the state-mandated system as many computer devices typically have a positive economic value in the recycling stream.

With that in mind CTA opposes HB 1680 HD2. CTA has worked in other states to find consensus approaches to solving the e-waste problem without unreachable targets, and we would be happy to work with DOH and other stakeholders to develop such a plan and modernize the Hawaii electronics recycling system.

Thank you again for the opportunity to testify and provide our comments. If you have any questions, please do not hesitate to contact me at walcorn@cta.tech.

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Alcorn", with a long horizontal flourish extending to the right.

Walter Alcorn
Vice President, Environmental Affairs and Industry Sustainability
Consumer Technology Association



**TESTIMONY OF TINA YAMAKI, PRESIDENT
RETAIL MERCHANTS OF HAWAII
March 21, 2022
Re: HB 1640 HD2 RELATING TO RECYCLING**

Good afternoon, Chairperson Gabbard, Chairperson Moriwaki and Chairperson Wakai and members of the Senate Committee on Agriculture & Environment, the Senate Committee on Government Operations and the Senate Committee on energy, Economic Development and Tourism. I am Tina Yamaki, President of the Retail Merchants of Hawaii and I appreciate this opportunity to testify.

The Retail Merchants of Hawaii was founded in 1901, RMH is a statewide, not for profit trade organization committed to the growth and development of the retail industry in Hawaii. Our membership represents small mom & pop stores, large box stores, resellers, luxury retail, department stores, shopping malls, local, national, and international retailers, chains, and everyone in between.

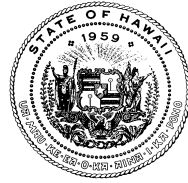
While we understand the intent of this measure, we are respectfully **OPPOSED** to HB 1640 Relating to Recycling. This measure changes the Electronic Waste and Television Recycling and Recovery Act to the Electronic Device Recycling and Recovery Act. Establishes electronic device manufacturer recycling goals and record keeping and reporting requirements for manufacturers and collectors. Requires collectors to register with the department of health. Expands the recycling and collection requirements of televisions to all electronic devices. Requires the electronic device recycling and recovery program to include, among other things, a description of the methods for the convenient collection of electronic devices. Effective January 1, 2050.

Retailers continue to be concerned about our aina and have supported many initiatives that preserve and protect our environment. We are seeing more retailers having take-back recycling type of E-Waste programs for electronics albeit old, broken or just being replaced with an upgrade. And because Hawaii does not have a recycling facility here in the state, the retailers have to ship these items off island. In the past couple of years, we have seen shipping cost increase significantly in the past couple of years, therefore adding onto their operational cost.

Electronics over the years have been changing and becoming much lighter. We are seeing more and more sales weight of newer electronic products are far less heavy than older ones. With new technology constantly being introduced, we are expecting in the next few years that the recycling rate will continue to decline. However, when the pandemic started and government mandates shut most businesses down, we did see an uptick in sales of computer devices as more people were working from home and students classes were online. However, most people and companies do not change out their televisions or computers every couple of years. Electronics have a longer lifespan. We therefore question, will Hawaii be able to meet the mandated weight of collected and recycled devices?

While we understand that many want this program to be fast tracked, we must also have realistic expectations and goals. We would also like to point out that the majority of the electronic products are NOT manufactured in the state of Hawaii and therefore this measure would put the burden on our local retailers, especially the small mom and pop type shops. If not we many see even more small businesses closing or companies bringing in the variety of electronics to our state. We would then have to order them online, most likely with companies with no ties to Hawaii.

Mahalo again for this opportunity to testify.



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

**Testimony in SUPPORT of HB 1640 HD2
RELATING TO RECYCLING**

SENATOR MIKE GABBARD, CHAIR
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

SENATOR SHARON Y. MORIWAKI, CHAIR
SENATE COMMITTEE ON GOVERNMENT OPERATIONS

SENATOR GLENN WAKAI, CHAIR
SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM

Hearing Date: 3/21/2022

Room Number: Videoconference

1 **Fiscal Implications:** This measure will not impact the priorities identified in the Governor's
2 Executive Budget Request for the Department of Health's (Department) appropriations and
3 personnel priorities.

4 **Department Testimony:** The Department supports this measure as it aims to improve the
5 current electronic waste recycling program by creating recycling goals for all covered electronics
6 manufacturers, sets convenience requirements for manufacturers' recycling plans, combines the
7 covered electronic device and covered television programs into one comprehensive program, and
8 requires manufacturers to fully fund their recycling plan including the collection, transportation,
9 and recycling of their electronic devices.

10 This measure proposes a 50% recycling goal for 2023, 60% recycling goal for 2024, and
11 70% recycling goal for 2025 for television, computer, monitor, laptop, tablet, and printer
12 manufacturers. The recycling goals will be calculated based on a manufacturer's sales from two
13 years prior, unless amended by rule pursuant to chapter 91. This allows the Department
14 flexibility should the recycling goals need to be adjusted in the future. The Department believes

1 a 50% recycling goal is achievable since in 2021, TV manufacturers recycled 2,240,180
2 pounds—had the 50% recycling goal been in place for 2021, they would have surpassed this
3 target (2,207,459 pounds) by 32,721 pounds.

4 Unfortunately, overall data from electronics recycling in Hawaii shows a decline in the
5 number of pounds recycled by CED manufacturers. In 2014, 54% (2,290,087 pounds) of all
6 electronic devices recycled in Hawaii were CEDs, which contributed to the highest amount
7 (4,235,276 pounds) collected under the current electronic waste program. In 2020, 2,865,504
8 pounds of electronic devices were collected for recycling in Hawaii, with CED manufacturers
9 collecting only 625,324 pounds or 22% of all devices. While the total number of pounds
10 recycled may be on the decline, it is not due to the light-weighting of devices.

11 While electronic devices may be manufactured to be lighter than their historic versions
12 (for example, cathode ray tube (CRT) TVs vs. LCD TVs) the recycling goals proposed in this
13 bill utilizes sales data from just two years prior (not 10+ years ago when the heavier CRT TV
14 were still being sold). When thinking of consumer habits, both with purchasing computers and
15 TVs, it would be reasonable to expect that when a consumer purchases a new device, they may
16 want to recycle their old or broken device, which was purchased a few years back. The old
17 device that they are wanting to recycle is more than likely heavier than the new device they just
18 purchased.

19 Manufacturers of computers, monitors, laptops, tablets, and printers (covered electronic
20 devices or CEDs) have no recycling goal or mandate, under the current e-waste law they make
21 the decision how many pounds they would like to recycle in Hawaii. For example, Apple has
22 recycled 8.3 million pounds of CEDs while Dell has recycled only 1.6 million pounds of CEDs
23 over the past 10 years. Both Apple and Dell collect the same electronic devices, but Apple has
24 set higher recycling targets than Dell for Hawaii.

25 Under the current law, manufacturers have no incentive to increase the amount of
26 electronic devices they recycle in Hawaii. The recycling goals and convenience requirements
27 proposed in this measure would provide additional recycling opportunities for Hawaii's

1 consumers. Monthly collections in each county and zip code tabulation areas with a population
2 greater than 25,000 would translate to 19 locations on Oahu, two locations on Maui and Hawaii,
3 and one location on Kauai.

4 **Offered Amendments:** None

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



Mr. K's Recycle and Redemption Center

815 Kinoole St., Hilo, HI 96720 · www.mrksrecyclehawaii.com
Tel: (808) 969-1222 · office@mrksrecyclehawaii.com · Fax: (808) 769-4023

TO: Committees on Agriculture and Environment, Government Operations, and Energy, Economic Development, and Tourism
Chairs Senator Mike Gabbard, Senator Sharon Moriwaki, and Senator Glenn Wakai
Committee Members

FROM: Mr. K's Recycle and Redemption Center, Inc.
Roy Kadota, Owner

DATE: March 20, 2022

RE: HB 1640 HD2, Relating to Recycling

Mr. K's Recycle and Redemption Center has served as Hawai'i Island's electronic waste collector for over 9 years. In addition, Mr. K's refurbishes electronics and sells devices and parts for re-use. We are proud to be a part of the ecosystem diverting toxic e-waste and fire hazards from the landfill, extending the use of valuable resources, and making electronic devices available at affordable prices for our County.

Mr. K's **supports HB 1640 HD2**, which updates and improves the current Electronic Waste and Television Recycling and Recovery Act.

HB 1640 HD2 accomplishes the following:

- 1) **It establishes and funds electronic recovery goals based on prior sales of the manufacturer's products in the State, and provides incentives for not meeting those goals.**
The current Act relies upon manufacturers to set their own goals voluntarily, and provides no incentives.
- 2) **It covers the electronic devices of all owners.**
In the County of Hawai'i, limited funding covers only residential electronic waste. Schools, nonprofit organizations, government agencies and businesses must pay to recycle.
- 3) **It requires minimum convenience levels for Neighbor Island electronics recycling.**
Despite the size of Hawai'i Island, it has only two collection sites, and one site is limited to only residential recycling. Thus, schools, nonprofit organizations, and other non-residents must also cover the costs of transporting their e-waste to the site in Hilo. These create significant obstacles of cost and convenience.

Any electronics that are not responsibly recycled or recovered will go into the landfill. Mr. K's urges the Committees to **clarify the definition of "electronic devices" to include:**

- a) **peripherals** such as keyboards, power sources and remote controls, which are often collected in bulk from institutions doing an annual cleaning, and

b) **any entertainment devices with an electronic plug**, such as Playstations.

The public continues to see electronic waste as primarily a waste issue; convenience and simplicity are key to increasing recycling rates, while detailed sorting and pricing discourage recycling.

Mahalo for the opportunity to submit testimony in support of HB1640 HD1.

HB-1640-HD-2

Submitted on: 3/17/2022 3:16:45 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
chris c.	Individual	Support	Written Testimony Only

Comments:

Dear Chairs Gabbard, Moriwaki and Wakai; Vice Chairs Nishihara, Dela Cruz and Misalucha; and Committee Members,

I support House Bill 1640 HD2 which improves the current flawed Electronic Waste and Television Recycling and Recovery Act.

This bill establishes good electronics recovery goals, establishes financial incentives for manufacturers that do not meet their goals and requires minimum convenience levels for Neighbor Island electronics recycling.

The State of Hawai‘i needs to strengthen our electronics recycling law now to increase diversion from our limited landfill space, protecting our environment and compel manufacturers to enhance recycling options for our Hawai‘i Island residents.

Thank you for your consideration.

HB-1640-HD-2

Submitted on: 3/17/2022 5:23:49 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

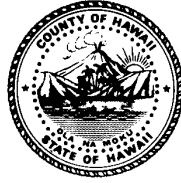
Submitted By	Organization	Testifier Position	Testify
Dana Keawe	Individual	Support	Written Testimony Only

Comments:

Support HB1640 HD2

Mitchell D. Roth
Mayor

Lee Lord
Managing Director



Ramzi I. Mansour
Director

Brenda Iokepa-Moses
Deputy Director

County of Hawai'i

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

345 Kekūanāo'a Street, Suite 41 · Hilo, Hawai'i 96720 · cohdem@hawaiiicounty.gov

Ph: (808) 961-8083 · Fax: (808) 961-8086

March 18, 2022

Sen. Mike Gabbard, Chair, and
Members of the Committee on Agriculture and Environment

Sen. Sharon Y. Moriwaki, Chair, and
Members of the Committee on Government Operations

Sen. Glenn Wakai, Chair, and
Members of the Committee on Energy, Economic Development, and Tourism

Re: Testimony in Support of HB 1640 HD2

Dear Chair Gabbard, Chair Moriwaki, Chair Wakai, and AEN, GVO, EET Committee Members,

The County of Hawai'i Department of Environmental Management is pleased to submit testimony **in support of House Bill 1640 HD2** that strengthens and expands the current Electronic Waste and Television Recycling and Recovery Act.

HB 1640 HD2 would 1) expand the definition of electronic devices to be recycled under the amended law; 2) establish electronics recovery goals based on prior sales of the manufacturer's products in the State; 3) establish financial incentives based on weights for those manufacturers that do not meet their goals; 4) establish certification requirements to meet environmental standards; and 5) most importantly, require minimum convenience levels for Neighbor Island electronics recycling. The County of Hawai'i supports HD2, which includes a sufficient manufacturer collection goal to ensure a sustainable recovery rate that keeps up with rapid obsolescence in electronic devices and a requirement for monthly collections.

The County of Hawai'i requests the Committees to include more computer peripherals, entertainment electronics (game consoles & sound systems) and networking electronics in the definition of an electronic device.

We look forward to working with the Legislature and all interested parties to strengthen our electronics recycling law to increase diversion from our limited landfill space, protecting our environment, and enhancing recycling options for all Hawai'i residents.

Thank you for your consideration.

Best Regards,

A handwritten signature in black ink, appearing to read 'Ramzi I. Mansour', with a long horizontal stroke extending to the right.

Ramzi I. Mansour
DIRECTOR

cc: Mayor Mitchell Roth
Mike Kaha, Hawai'i County Solid Waste Division Chief TA
Sanne Berrig, Hawai'i County Recycling Coordinator

MICHAEL P. VICTORINO
Mayor

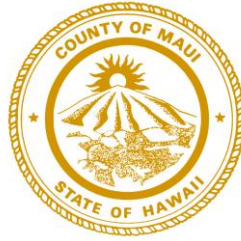
ERIC A. NAKAGAWA, P.E.
Director

ROBERT SCHMIDT
Deputy Director

MICHAEL KEHANO, P.E.
Solid Waste Division

SCOTT R. ROLLINS, P.E.
Wastewater Reclamation Division

TAMARA L. FARNSWORTH
Environmental Protection &
Sustainability Division



**COUNTY OF MAUI
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT**

2145 KAOHU STREET, SUITE 102
WAILUKU, MAUI, HAWAII 96793

March 21, 2022

TESTIMONY OF TAMARA L. FARNSWORTH
COUNTY OF MAUI, MANAGER OF ENVIRONMENTAL PROTECTION & SUSTAINABILITY
DIVISION

BEFORE THE HOUSE COMMITTEES ON AGRICULTURE AND ENVIRONMENT,
GOVERNMENT OPERATIONS, AND ENERGY, ECONOMIC DEVELOPMENT, AND
TOURISM

Monday, March 21, 2022, 1:05 p.m.

Via Videoconference

In consideration of **HOUSE BILL 1640 HD 2 RELATING TO RECYCLING**

Honorable Mike Gabbard, Sharon Y. Moriwaki, and Glenn Wakai, Chairs

Honorable Clarence K. Nishihara, Donovan M. Dela Cruz, and Bennette E. Misalucha, Vice
Chairs

Honorable Members of the Committees on Agriculture and Environment; Government
Operations; and Energy, Economic Development, and Tourism

The County of Maui Department of Environmental Management stands in **SUPPORT of
HB1640 HD 2** which would: improve and update an electronics extended producer responsibility
program within the Department of Health by creating recycling goals for all covered electronics;
set convenience requirements for manufacturers' recycling plans; combine covered electronic
devices and covered television programs into one comprehensive program; and require
manufacturers to fully fund their recycling plan including the collection, transportation, and
recycling of their electronic devices.

A significant portion of the burden of disposing of or recycling electronics waste now falls to
state and county taxpayers. The department diverts electronic waste from landfills due to toxic
wastes and fire hazards associated with these items, even at the cost of nearly \$1000 per ton in
2020. In Maui County, the annual volume of electronic waste currently exceeds the program's
ability to manage all of it, and the county must defer shipping at the end of each year because
quotas are met well ahead of December.

While weights of these items may be declining overall, the use of electronics remains stable or
is increasing. The mandates set forth by this bill allow for an incremental portion of increasing
diversion over three years. The highest percentage required for manufacturers to handle will be
70% in 2025, which would allow for a 30% decrease in weights from the previous two year's

TESTIMONY OF TAMARA L. FARNSWORTH
HB1640 HD 2
March 21, 2022
Page 2 of 2

sales. Testimony from the Consumer Technology Association shows a table with annual decreasing weights at an average rate of 1.6% over the ten-year span for the period 2010–2020. Even in the unlikely event that weights would decrease by 14% each year over two years, the highest percentage of decrease shown in 2017, the mandate would still be achievable.

Using the average decrease in weights or even the highest historical decrease, it is clear that the maximum 70% diversion will be achievable.

This bill lays out a clear pathway for producers to increase their responsibility for the full life cycle of the products they manufacture. It provides a tiered, incremental system to assist with them taking on more of that responsibility. The mandates set forth by this bill can be met by the industry and will take the burden off the shoulders of taxpayers. It will provide manufacturers the opportunity to take responsibility for the products they produce, hopefully encouraging innovative design for a more circular economy.

Thank you for the opportunity to provide testimony **in support of HB 1640 HD 2.**

HB-1640-HD-2

Submitted on: 3/18/2022 5:08:27 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Evan Takita	Individual	Support	Written Testimony Only

Comments:

The ever growing demand for more electronics has produce more electronic waste. With this bill it will provide more options for our community to properly recycle our electronic waste instead of going into our landfills.

HB-1640-HD-2

Submitted on: 3/18/2022 8:17:58 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
jeanne wheeler	Individual	Support	Written Testimony Only

Comments:

Aloha: I strongly support this bill, to address our serious electronic waste issues - please pass!
JW

HB-1640-HD-2

Submitted on: 3/18/2022 9:01:48 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Koohan Paik	Individual	Support	Written Testimony Only

Comments:

STRONGLY SUPPORT

HB-1640-HD-2

Submitted on: 3/19/2022 3:00:57 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Roseann Michaud	Individual	Support	Written Testimony Only

Comments:

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

HB-1640-HD-2

Submitted on: 3/19/2022 8:08:59 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Ryan Christopher	Individual	Support	Written Testimony Only

Comments:

Chairs, Vice Chairs and committee members,

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai`i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements that would establish at minimum collection sites at both Kailua-Kona and Hilo for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

Thank you for this opportunity to provide testimony in support of HB 1640 HD 2.

Ryan Christopher

Honokaa HI

HB-1640-HD-2

Submitted on: 3/20/2022 5:32:15 AM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Marsha Hee	Individual	Support	Written Testimony Only

Comments:

Chairs, Vice Chairs and committee members,

My name is Marsha Hee and I am a resident of Hawaii Island, Senate District 2

I was born and raised in Pauoa, Honolulu; have lived on Kaua'i and currently reside in Volcano, Hawaii Island. My family continues to live and work in Hawaii with future generations thriving.. I am a retired educator for public schools; community arts & culture, reuse/recycling/composting and mental health organizations..

My clear concern for the global impact of Climate Change continues to elevate. For Hawaii, we need to do everything we can to pass statewide laws leading to reduction of carbon emissions; pollution of water, land, and air; conservation of natural resources and native species.

I support HB 1640 that commits important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Our dependence on electronic devices increases. E-waste not responsibly recovered or recycled is toxic waste and fire hazards in the landfill. My family and I as well as conscientious friends and colleagues rely on limited Hawai'i County options for E-waste recycling, and state and county taxpayers carry a significant portion of the cost. Schools, non-profits, businesses and government agencies must pay to recycle and transport their e-waste to limited collections sites which mean longer distances on our island.

HB1640 HD2 improves the current E-waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements that would establish at minimum collection sites at Kailua-Kona and Hilo for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

Thank you for this opportunity to provide testimony **in support of HB 1640 HD 2.**

Sincerely,

Marsha Hee, Volcano HI 96785

HB-1640-HD-2

Submitted on: 3/20/2022 7:38:52 AM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Codie King	Individual	Support	Written Testimony Only

Comments:

Chairs, Vice Chairs and committee members,

My name is Codie King and I am a resident of Hawaii Island, District of Puna.

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai`i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements that would establish at minimum collection sites at both Kailua-Kona and Hilo for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

Thank you for this opportunity to provide testimony in support of HB 1640 HD 2.

HB-1640-HD-2

Submitted on: 3/20/2022 8:21:03 AM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Severine Busquet	Individual	Support	Written Testimony Only

Comments:

Aloha Chairs, Vice Chairs and committee members,

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, and setting convenience requirements that would establish minimum collection sites around the islands. Most importantly, HB 1640 HD2 requires manufacturers to fully fund their recycling plans, making them responsible for the waste they create and push to overconsume. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

For these reasons I strongly support of HB 1640 HD 2.

Thanks for your attention

Severine Busquet

Hawaii Kai, Honolulu, 96825

HB-1640-HD-2

Submitted on: 3/20/2022 11:10:41 AM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Ruta Jordans	Individual	Support	Written Testimony Only

Comments:

Ewaste was the first recycling system established by the state with accountability to producers. A good start, but we have learned what needs to be improved. This bill will do that.

Although our dependence on electronic devices is increasing, options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo. Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals. Thank you for this opportunity to provide testimony in support of HB 1640 HD 2.

Statement of
Aline Steiner
Founder and CEO
Koko Kai Foods LLC

In consideration of
HB 1640 HD
regarding improvements to the electronic waste recycling program has been

Monday, March 21st, at 1:05 pm, by three committees (AEN, GVO and EET).

Chairs, Vice Chairs and committee members,

My name is Aline Steiner and I am a resident of Oahu District of Honolulu.

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai'i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements that would establish at minimum collection sites at both Kailua-Kona and Hilo for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

Thank you for this opportunity to provide testimony **in support of HB 1640 HD 2.**

Aline Steiner
Koko Kai Foods LLC
Honolulu, Hi

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HB-1640-HD-2

Submitted on: 3/20/2022 11:39:34 AM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Jennifer Navarra	Individual	Support	Written Testimony Only

Comments:

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai`i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

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Thank you for this opportunity to provide testimony **in support of HB 1640 HD 2.**

HB-1640-HD-2

Submitted on: 3/20/2022 11:41:13 AM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Chad Cooper	Individual	Support	Written Testimony Only

Comments:

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

HB-1640-HD-2

Submitted on: 3/20/2022 12:26:26 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Michele Mitsumori	Individual	Support	Written Testimony Only

Comments:

Dear Chair Gabbard, Chair Moriwaki, Chair Wakai, and Committee members,

I support HB 1640 HD2, which updates and improves the current Electronic Waste and Television Recycling and Recovery Act.

This bill establishes measurable electronics recovery and recycling goals for manufacturers that are based on prior sales of electronic devices, establishes financial incentives for those who fail to meet their goals, and requires minimum convenience measures for Neighbor Islands.

We know that recycling is a volume effort -- if only those who are motivated to protect the land recycle, the bulk of waste will still go into the landfill. We also know that electronic waste is generally seen as "waste," a low priority. **If recycling for the general public is inconvenient or cost prohibitive, it won't happen.**

This bill removes barriers to adoption by the public by covering recycling costs for all consumers, including residential and commercial. Hawai'i County currently subsidizes only residential e-waste recycling, and only on certain days.

Non-residential consumers such as schools and nonprofits also have to cover the cost to transport their e-waste from, say, Kona to the collection site in Hilo. This bill covers transportation costs and includes the creation of a collection site in West Hawai'i.

Finally, electronics waste covered by **this bill needs to include peripherals**, such as keyboards, switches, remote controls, and cables. This will help divert toxic waste as well as large amounts of plastic from the landfill.

Thank you for the opportunity to submit my testimony in support of HB1640 HD2.

HB-1640-HD-2

Submitted on: 3/20/2022 12:38:45 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Mark Gordon	Individual	Support	Written Testimony Only

Comments:

Aloha

Please Support HB 1640.

- Electronic waste needs to be diverted from landfills due to toxic waste and fire hazards. In addition, as we are aware, the Hilo landfill is closed and the Waikoloa landfill is the only one on Hawaii Island. A significant portion of disposing of electronic waste falls to state and county taxpayers.
- In Hawai`i County, the current e-waste recycling program provides a limited amount of funding for only residential e-waste on specific collection days. Non-residents (such as schools, non-profits, small businesses and government agencies) must pay to recycle. HB1640 HD2 would require manufacturers to fully fund their recycling plan, for all owners of electronic devices. Funding would include the collection, transportation and recycling of devices, and take the burden off the shoulders of taxpayers, as well as schools, non profits and small businesses.
- The bill would establish electronics recovery goals. Currently, there are no goals or incentives for computers, monitors, laptops, tablets or printers. Manufacturers can opt to set their own goals, and there are no incentives.

Your Support of HB1640 is appreciated.

Thanks

Mark Gordon

Waikoloa HI.

HB-1640-HD-2

Submitted on: 3/20/2022 12:50:39 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Kirsten Snook	Individual	Support	Written Testimony Only

Comments:

Aloha kakou,

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai`i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements that would establish at minimum collection sites at both Kailua-Kona and Hilo for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

Thank you for this opportunity to provide testimony **in support of HB 1640 HD 2.**

Mahalo,

Kirsten Snook

Volcano Precious Plastic

HB-1640-HD-2

Submitted on: 3/20/2022 12:53:45 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Sherry Pollack	Individual	Support	Written Testimony Only

Comments:

I support HB 1640 HD2. Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

HB1640 HD2 improves the current electronic waste recycling program by creating recycling goals for all covered electronics manufacturers, setting convenience requirements that would establish at minimum collection sites at both Kailua-Kona and Hilo for all, and requiring manufacturers to fully fund their recycling plans. These plans would be based on prior sales of all electronic devices of the manufacturer in the State, with financial incentives for those who don't meet their goals.

Thank you for this opportunity to provide testimony **in support of HB 1640 HD 2.**

HB-1640-HD-2

Submitted on: 3/20/2022 1:36:03 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Shannon Matson	Individual	Support	Written Testimony Only

Comments:

Chairs, Vice Chairs and committee members,

I'm Shannon Matson, and currently serving on the boards of the Sierra Club, Recycle Hawai'i, and as the Vice Chair of the Democratic Party of Hawai'i. While I believe that my testimony is valid and supported by all of these roles that I hold, I am submitting this testimony today officially on behalf of myself and my family only.

Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai'i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

Any e-waste not responsibly recovered or recycled contributes to toxic waste and fire hazards in the landfill.

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Thank you for this opportunity to provide testimony in support of HB 1640 HD 2.

Mahalo,

Shannon Matson

HB-1640-HD-2

Submitted on: 3/20/2022 1:43:44 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Coert Olmsted	Individual	Support	Written Testimony Only

Comments:

I live in Hawi District 7 of Hawaii County. I have been saving electronic waste for years since the recycling at the local transfer stations was discontinued.

I strongly support statewide funding for this important way to reduce toxic pollution.

Coert Olmsted, 10 year voting resident.

HB-1640-HD-2

Submitted on: 3/20/2022 2:03:30 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Shannon Matson	Individual	Oppose	Written Testimony Only

Comments:

Chairs, Vice Chairs and committee members,

I'm Shannon Matson, and currently serving on the boards of the Sierra Club, Recycle Hawai'i, and as the Vice Chair of the Democratic Party of Hawai'i. While I believe that my testimony is valid and supported by all of these roles that I hold, I am submitting this testimony today officially on behalf of myself and my family only.

As a prior decades long manager of a small business in downtown Hilo, and owner of my own small business for 6 years, I support an immediate increase in the State of Hawai'i's minimum wage to \$15/hour by Jan. 1, 2023. This significant increase is urgently needed and long overdue. Many Hawai'i residents statewide and here on Hawai'i Island are struggling with the extremely high and rising cost of living for housing, gas, electricity, food and medical care. Please do not defer this needed increase.

HB2510 HD2 NEEDS TO BE AMENDED. SB2018 already passed, it is a better, more straightforward bill. HB2510 to be amended to increase the minimum wage to \$15/hr by 1/1/23 at the minimum.

I do not support HB2510 HD2 as written because it DEFERS a hike to \$15 until 2025, and not reaching \$18 until 2028! This is too little, too late.

Please ammend this bill.

Mahalo,

Shannon Matson

HB-1640-HD-2

Submitted on: 3/20/2022 3:23:58 PM

Testimony for AEN on 3/21/2022 1:05:00 PM

Submitted By	Organization	Testifier Position	Testify
Diane Ware	Individual	Support	Written Testimony Only

Comments:

Dear Chairs and Committee Members,

I live in Volcano and am very dismayed at the loss of recycling possibilities and current lack of access to recycling e waste. I'm at the point of refusing to buy anymore electronic devices because it is unconscionable. Please support HB1640 HD 2, which would bring important updates and improvements to the current Electronic Waste and Television Recycling and Recovery Act.

Although our dependence on electronic devices is increasing, here in Hawai`i County options for electronic waste recycling are limited, and state and county taxpayers carry a significant portion of the cost. Limited funds are available for residential e-waste recycling, while schools, non-profits, businesses and government agencies must pay to recycle and must transport their e-waste to Hilo.

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Thank you for this opportunity to provide testimony in support of HB 1640 HD 2.

Respectfully,

Diane Ware, 99-7815 Kapoha Pl, Volcano Hi 96785