

IEM Committee

From: Charlotte Hopper <mail@changemail.org>
Sent: Saturday, July 26, 2014 7:38 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Charlotte Hopper Long Beach, California

There are now 23 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Clif Hasegawa <clifhasegawa@gmail.com>
Sent: Saturday, July 26, 2014 7:07 PM
To: IEM Committee
Subject: TESTIMONY - MAUI COUNTY COUNCIL - INFRASTRUCTURE AND ENVIRONMENTAL MANAGEMENT COMMITTEE --- IEM 5 - IEM 11 - IEM 37
Attachments: COUNTY OF MAUI - TESTIMONY - INFRASTRUCTURE AND ENVIRONMENTAL MANAGEMENT COMMITTEE - IEM 5 - IEM 11 - IEM 37.dot; CITRON WtE.pdf; CMH Signature.jpg

Please see attached Testimony and enclosed presentation, Citron WtE.

Thank you very much.

Sincerely,

Electronically Signed

Clifton M. Hasegawa
President and CEO
Clifton M. Hasegawa & Associates, LLC
1044 Kilani Avenue 12
Wahiawa, Hawaii 96786-2243
Telephone: (808) 463-1057
Email: clifhasegawa@gmail.com
Web: www.linkedin.com/in/cliftonhasegawa

**COUNTY OF MAUI
MAUI COUNTY COUNCIL
INFRASTRUCTURE AND ENVIRONMENTAL MANAGEMENT COMMITTEE**

**CHAIR, COUNCIL MEMBER ELLE COCHRAN
VICE CHAIR, STACY CRIVELLO
COUNCIL MEMBER GLADYS C. BAISA
COUNCIL MEMBER ROBERT CARROLL
COUNCIL MEMBER DONALD G. COUCH, JR.
COUNCIL MEMBER DON S. GUZMAN
COUNCIL MEMBER G. RIKI HOKAMA
COUNCIL MEMBER MICHAEL P. VICTORINO
COUNCIL MEMBER MIKE WHITE**

**TESTIMONY OF
CLIFTON M. HASEGAWA
PRESIDENT AND CEO
CLIFTON M. HASEGAWA & ASSOCIATES, LLC**

on

**IEM 5 – POLYSTRENE DISPOSABLE FOOD SERVICE CONTAINERS
IEM 11- INFRASTRUCTURE AND ENVIRONMENTAL MANAGEMENT COMMITTEE
PRIORITIES AND PROCEDURES; PRESENTATIONS FROM COUNTY ADMINISTRATIVE
AGENCIES
IEM 37 – PRINCIPLES OF ZERO WASTE AS A WASTE MANAGEMENT POLICY FOR THE
COUNTY OF MAUI**

Dear Chair Cochran, Vice Chair Crivello and Members of the Infrastructure and Environmental Management Committee:

Courtney Bruch invited me to present Testimony on IEM 5, IEM 11 and IEM 37. I am distinctly honored and privileged to receive the invitation from Courtney Bruch and to share my testimony with you.

Each of your Agenda items is part and parcel of a concept of waste-to-energy. Energy for generation of electrical power, energy synergistically to embrace and unify the people of the Maui communities in their role and participation as stewards of our environment and natural resources.

The sacrifices we make today are amends for our actions in the past.

The sacrifices we make today are to preserve, protect, maintain and restore our environment and eco-systems so future generations may be the beneficiaries of a richer, better place.

My presentation, Citron Waste-to-Energy, is a concept that is a beginning to unite the elements that can improve our current situation of global warming, climate change, air and water quality and use of our precious land resources.

The use of polystyrene disposable service containers, plastic grocery bags, plastic holders for canned beverages, plastic film for agricultural weed control, and other uses, have improved customer convenience and production of agricultural goods.

The massive scale and widespread use of these products have become growing impacts to our quality of life, today, and if not addressed, the quality of our lives going forward.

The actions will take at your session and actions going forward will make the difference.

The commitment and sacrifices by the people and their communities, today and going forward, will determine the future and the legacy for generations to come.

We have been blessed for today.

We need to do today as tomorrow is tomorrow.

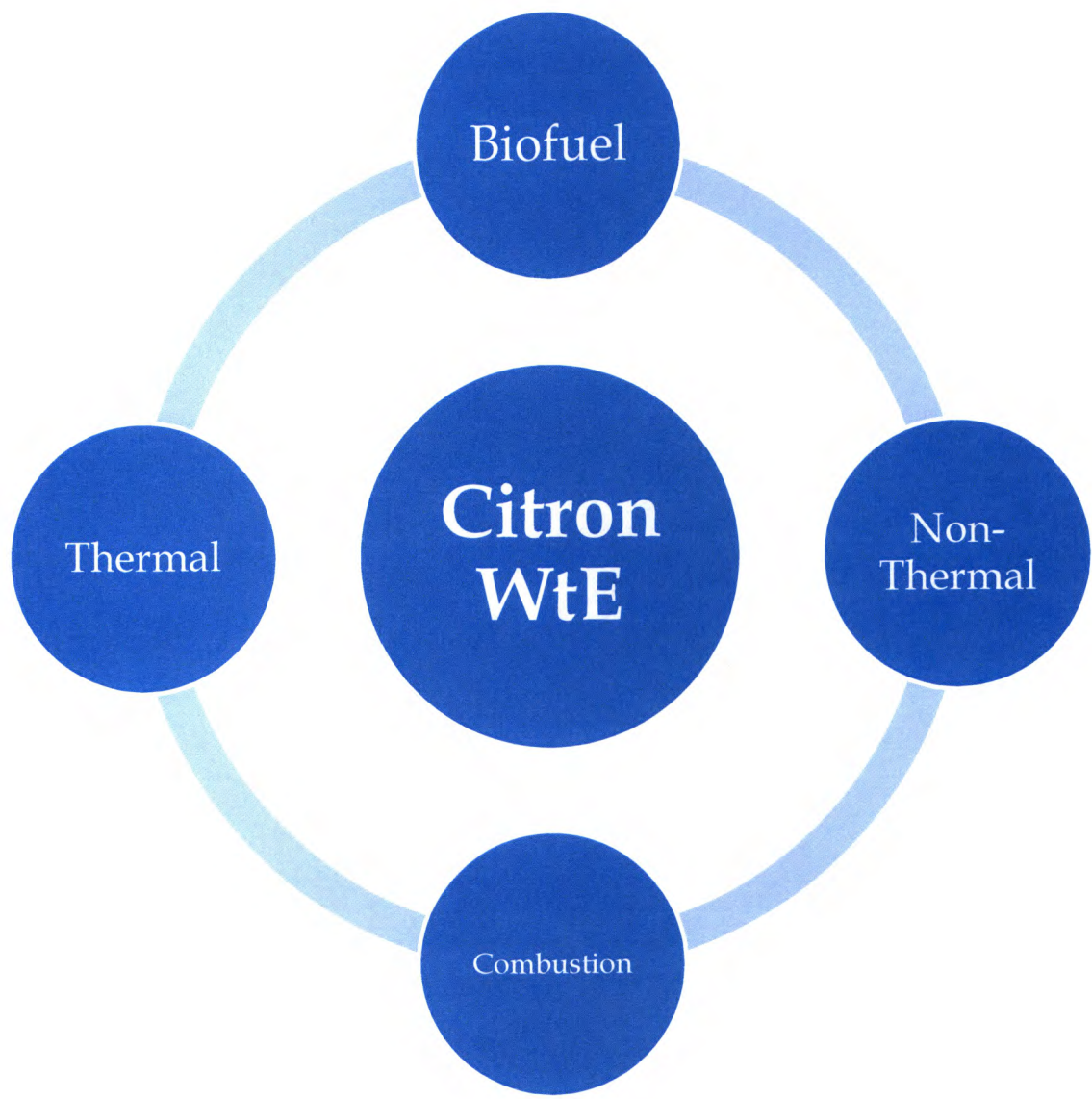
We are the stewards of the land, air, water, oceans and the creatures of the forests, streams, oceans and the natural resources therein.

Our duty, obligations and responsibilities as stewards is to ourselves, individually, to do good work for the bounty we have been blessed to ensure our legacy can be enjoyed by future generations.

Mahalo nui loa
Malama pono
Aloha pumehana

Electronically Signed

Clifton M. Hasegawa



Biofuel

Citron
WtE

Non-
Thermal

Combustion

Thermal

Citron WtE

(Waste to Energy)

The purposes of Citron WtE

- **Minimizing contributions to global warming**
- **Harmonizing Zero Waste strategies**
- **Recovering energy from waste products**
- **Reducing encroachment on the land**
- **Advancing sustainable uses of the land**

Zero Waste

Principle

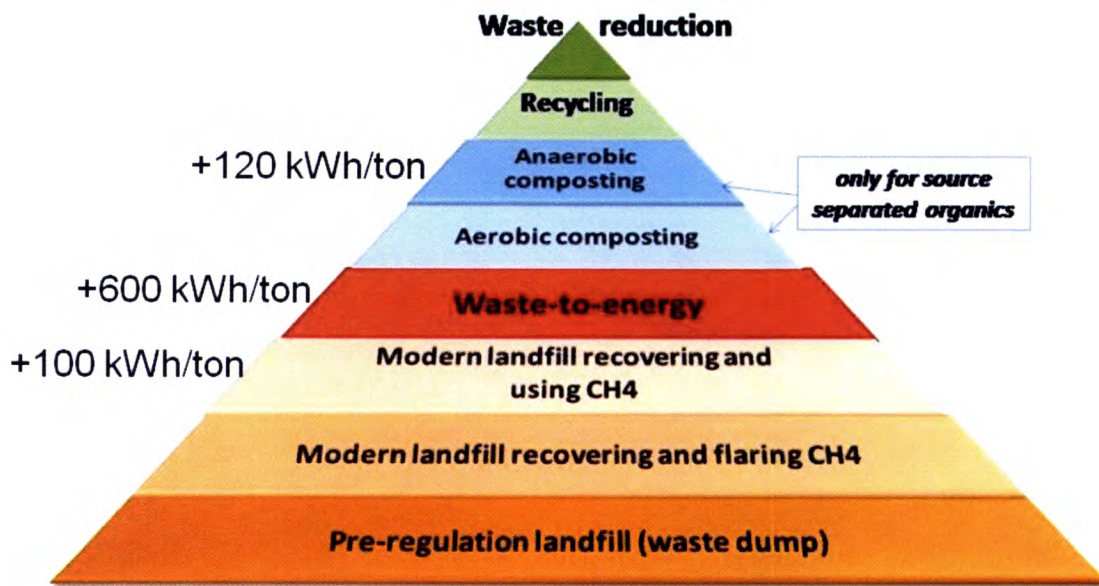
- Maximize recycling, minimize waste, and reduce consumption.

Strategy

- Making products that can be reused or recycled back into nature or the marketplace, advocating environmental awareness among businesses and consumers, making zero waste part of corporate philosophy and consumer purchases.

Balancing Zero Waste and WtE

Expanded Hierarchy of Waste Management (Themelis, GWMS, 2008)



Citron Waste-to- Energy -- State of Hawaii, DCCA, BREG in process

IEM Committee

From: Debra Greene, PhD <debra@debragreene.com>
Sent: Saturday, July 26, 2014 12:39 PM
To: IEM Committee
Subject: IEM-5 In Favor of Ban

Aloha Honorable Committee Members,

I am writing to support IEM-5 Polystyrene Disposable Food Service Containers ban. Styrofoam is a known environmental hazard and for Maui county, the environment is the economy. We need to protect the environment. The bill allows for a generous timeframe and provisions for economic hardship. Let's do this, please.

Mahalo,

Debra Greene
Kihei, Maui resident of 16 years

IEM Committee

From: Dennis Kaplan <mail@changemail.org>
Sent: Saturday, July 26, 2014 2:01 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Dennis Kaplan Mayfield Heights, Ohio

There are now 17 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Don Lax <donvlax@gmail.com> on behalf of Don V. Lax <donvlax@maui.net>
Sent: Saturday, July 26, 2014 4:09 PM
To: IEM Committee
Subject: Please Ban Polystyrene Containers

IEM-5

Thankyou for passing this excellent bill. There are plenty of biodegradable and compostable containers available now, so it should be no hardship. There are even disposable plates made out of sugar cane! I would rather pay a few cents more for my food and know that we aren't creating more impossible waste.

Much aloha-

Don V. Lax

<donvlax@maui.net>
<www.mauiviolin.com>
<www.apassionata.net>

808-283-6942
PMB 503, PO Box 959
Kihei, HI, 96753

IEM Committee

From: Erica Mcgrath <mail@changemail.org>
Sent: Saturday, July 26, 2014 12:42 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Erica Mcgrath Auckland, New Zealand

There are now 16 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Giselle Hollister <mail@changemail.org>
Sent: Saturday, July 26, 2014 2:16 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Giselle Hollister Lithia, Florida

There are now 18 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: JOHN RICHARD YOUNG <mail@changemail.org>
Sent: Saturday, July 26, 2014 6:21 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
JOHN RICHARD YOUNG East Norriton Township, Norristown, Montgomery Co., Pennsylvania

There are now 21 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Kasey Carlson <mail@changemail.org>
Sent: Saturday, July 26, 2014 9:14 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Kasey Carlson San Pedro, California

There are now 24 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Liz Macias <mail@changemail.org>
Sent: Saturday, July 26, 2014 4:26 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

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Sincerely,
Liz Macias Glendale, Arizona

There are now 19 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Pamela <mrs_howl@excite.com>
Sent: Saturday, July 26, 2014 7:31 AM
To: IEM Committee
Subject: Please ban Strofoam!

Styrofoam is one of the worst products made!
It never breaks down, nor can be recycled here, and it is one of the deadliest to marine animals and birds!

There are plenty of alternatives out there.
No one needs Styrofoam!

We already avoid all places that use it,
so once they change to a biodegradable alternative, we would consider going there.

Please ban styrofoam!

Thank you

Pam Wolf
Maui Recycling Service

"This we know: the earth does not belong to man, man belongs to the earth. All things are connected like the blood that unites us all. Man did not weave the web of life, he is but a strand in it. Whatever he does to the web he does to himself." Chief Seattle

IEM Committee

From: Rebecca Jordan <mail@changemail.org>
Sent: Saturday, July 26, 2014 10:24 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers)" on Change.org.

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Sincerely,
Rebecca Jordan sumter, South Carolina

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IEM Committee

From: robert harris <mail@changemail.org>
Sent: Saturday, July 26, 2014 12:31 PM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers)" on Change.org.

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Sincerely,
robert harris silver spring, Maryland

There are now 26 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
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IEM Committee

From: Robin Kory <mail@changemail.org>
Sent: Saturday, July 26, 2014 5:18 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Robin Kory Kihei, Hawaii

There are now 20 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Shauna white <mail@changemail.org>
Sent: Saturday, July 26, 2014 10:28 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Shauna white Honolulu, Hawaii

There are now 5 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: shedy berrios <mail@changemail.org>
Sent: Saturday, July 26, 2014 7:34 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
shedy berrios Jacksonville, North Carolina

There are now 22 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Sonya Niess <mail@changemail.org>
Sent: Saturday, July 26, 2014 7:26 PM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Sonya Niess Haiku-Pauwela, Hawaii

There are now 6 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Susan Douglas <sd3@hawaii.rr.com>
Sent: Saturday, July 26, 2014 4:17 PM
To: IEM Committee
Subject: Re: IEM-5 POLYSTYRENE DISPOSABLE FOOD SERVICE CONTAINERS

Please ban Styrofoam containers on Maui!

Warmest Mahalo and Ai ha!

Susan Douglas
Healthy Life Coach
Temple of the Spirit
3145-A Makamae Pl.
Kihei, Maui, HI 96753
808 879 1112 (24/7)
sd3@hawaii.rr.com



IEM Committee

From: Shayna Nechama <shaynanechama@gmail.com>
Sent: Saturday, July 26, 2014 10:30 PM
To: IEM Committee
Subject: IEM-5 POLYSTYRENE DISPOSABLE FOOD SERVICE CONTAINERS

I support this proposed bill. This is a very serious issue for our island.

Shayna Naveh
Kihei

IEM Committee

From: Warren Shibuya <ob1shibuya@hawaiiantel.net>
Sent: Sunday, July 27, 2014 11:03 PM
To: IEM Committee
Subject: Improving Solid Waste Managing
Attachments: IEM-5 Testimony 28July2014.pdf

Testimony attached. Please make and distribute copies to IEM Chair and Council Members.

Instead of Bill IEM-5's "*No Can Use*" selective polystyrene products, simplify coping with light-weight polymers in trash, use more efficient and energy-resourceful method, Combusting all trash, as performed by Oahu's H-Power.

Saving discarded polymer products in our landfills, makes absolutely no rational sense.

Immediately employ *H-Power*-type operation (send RFP):

- Resourceful, uses trash energy generating renewable electricity and heat!
- Significantly reduces trash volume to ash, mitigates earlier buying land for landfilling,
- Reduce footprint of 'Brownfields' on Maui's limited available acres, (more land available for productive uses)
- Further resourcefully, sell heat to HC&S or 'cook' secondary and tertiary sewage processes at new nearby sewage treatment plant...
- From H-Power, recover ferrous, non-ferrous and precious metals; resale recovers partial costs and minimizes hazardous materials (very high heat of H-Power) kills virulent viruses, bacteria, drugs, pharmaceuticals, etc.

Respectfully,
Warren S. Shibuya <Ob1Shibuya@hawaiiantel.net>

Aloha Chair Elle Cochran, Council Member Mike Victorino and Council members of the Infrastructure and Environmental Management Committee.

Mahalo for your dedicated services and proposed Bill IEM-5.

Referencing proposed County Council Bill IEM-5, an ordinance establishing a new Chapter 20.26, Maui County Code, Pertaining to Polystyrene Disposable Food Service Containers. Proposes implementing a "zero waste" way of life to minimize County's "managing and mitigating polystyrene waste."

Mahalo for attempting being good stewards for wildlife, ocean and landfill environments and managing Maui's landfill capacities to contain and store non-biodegradable materials.

Justification for proposed ordinance banning uses for protecting marine animals and birds from eating non-biodegradable, Styrofoam, which businesses and residents use to contain foods and salable materials-equipment. Second half exempts polystyrene products and specifying banned containers, which restricts disposing specific polystyrene containers after used.

Ordinance for "partial" uses of polystyrene, disposable food containers is useless:

- a. Bill lacks cheap, healthier alternatives displacing polystyrene containers,
- b. Bill assumes residents can discriminate between bio-degradable and non-degradable polymer products (recycle or trash),
- c. Bill does not credit residents for reusing plastic utensils and containers
- d. Bill lacks alternative for resourceful, efficient centralized processing of trashed polystyrene, Styrofoam and plastic materials (recover energy).

Simplify. Instead of making useless '*pepa-waha*', please develop infrastructure's capacity processing all disposed polystyrene, including styrofoam and plastic materials at landfills. Oahu's centralized and expanding, 3rd party operated H-Power, combusts trash using improved technology, which is also environmentally friendlier than our current "building-up" *Puu Opalas* and continually buying good Ag lands for storing *opala*!

After personally inspecting Oahu's H-Power operation, I proposed in early 2005 and in GPAC Maui Islandwide Plan converting stored energies in *opala* into useable electricity, reducing Maui County's operating expenses by reselling or resourcefully using renewable electricity!

Instead of 'shibai' bill "*making humbug*" for businesses and residents, please commit planning for immediate combusting/incinerating Maui's trash (similar to Oahu's '*H-Power*'), converting waste into usable electricity, minimize being fined by EPA or HI Board of Health by reducing hazardous landfill gas emissions. We currently perpetuate 18th Century methods of dumping and covering *opala*! Reduce trash-volume to ash-weight immediately!

Furthermore, County should improve and resource solid waste materials for *stored energies, especially* within all plastics, polymer products, including all forms of Styrofoams, ribbons of palletized product wrappers, trashed carpets, vinyl, vehicle dashboards-panels-bumpers, etc.!

Our 'well intentioned' residents cannot discriminate among numerous types of polystyrene products, thus they recycle all "plastic-kine" stuffs ...if they recycle.

Maui's "Plastic bag" ordinance is a *good intentioned* (good publicity) ban, which exempts bagged farm products, poly-film wrappings and polystyrene trays, cups and containers. These exemptions also make their way into our ocean waters, after deposited at landfills; becoming airborne by our Tradewinds. Also dumped into storm drains, streams and surrounding ocean waters, becoming tempting bait or trashy flotsam! Thank goodness for HC&S burning cane fields every 18-24 months; unintended burning eliminates *opala* trapped in canefields!

Instead of IEM-5 Bill. Immediately fund and build an enclosed, collected trash, sorting-processing facility, as housed at *H-Power*, Oahu. Issue Bond, enact fees and obtain revenue from incinerated-*opala* generated renewable power, separated ferrous metal and recovered ash with heavy and precious metals.

Maui County lacks ability testing non-biodegradables for banning and tracking "polystyrene" and styrene materials, much less exacting and enforcing penalties on users. What are Council's acceptable alternatives following banning of polystyrene products? Simplify and streamline environmental managing and waste processes by burning all *opala, including landfill leachate*!

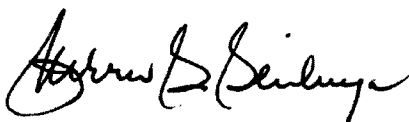
Per GPAC drafted "Maui Islandwide Plan," begin immediately, **resourcefully** converting combustible products into useable electricity. This significantly reduces heavy-metals toxicity and volumes into Maui's landfills, slows rate of acquiring "A-quality Ag lands" for creating *Puu Opala* and "*Brownfields*" and increasing future generations land-use despairs ("*pilikea*")! Maui's land-area is finite, does not expand per economic development, nor population growth.

An alternative, a developing technology reconverts poly-products into original oil state. However, conversion process consumes higher energy cost, than sale of recovered oil. Also, Maui lacks volume of plastics for converting into oil.

GOAL	<i>Maui will minimize the volume of solid waste that enters the regional landfills.</i>
ISSUE 1	<i>SYSTEM PLANNING/IMPLEMENTATION:</i> <i>Limited landfill capacity requires an efficient plan to reduce solid waste; lengthy planning and permitting processes; and limited funding to effectively implement solid waste management.</i>
OBJ1	<i>More holistic approach to solid waste management planning and adequate funding to effectively meet future needs.</i>
POLICIES	<ol style="list-style-type: none">1. Regularly update and publicize the <i>Integrated Solid Waste Master Plan (ISWMP)</i> every five years.2. Strengthen inter-agency coordination including Planning and Environmental Management departments.3. Monitor and publicize the effectiveness of waste reduction plan.4. Make the county government a model for zero waste.
	<i>5. Provide strategies to address commercial, industrial, and residential waste disposal needs in a timely manner.</i>
	<i>6. Include a funding plan in the ISWMP to address solid waste disposal capacity.</i>

For your information, Mayor Tavares' Renewable Energy Working Group 1 identified potential renewable energy sources and projects for developing on Maui. It briefly discussed converting trash into useable electric power, resourcefully powering County operations and services and improving Maui's life qualities.

Respectfully,



Warren S. Shibuya,
35 Kulamanu Circle, Kula, HI 96790

IEM Committee

From: Alan Crammatte <mail@changemail.org>
Sent: Sunday, July 27, 2014 9:29 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there are have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Alan Crammatte Haiku, Hawaii

There are now 29 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: angela decoite <mail@changemail.org>
Sent: Sunday, July 27, 2014 10:22 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
angela decoite makawao, Hawaii

There are now 30 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Ashley Fowler <mail@changemail.org>
Sent: Sunday, July 27, 2014 8:18 PM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Ashley Fowler Makawao, Hawaii

There are now 37 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: beau hawkes <mail@changemail.org>
Sent: Sunday, July 27, 2014 9:06 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there are have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
beau hawkes makawao, Hawaii

There are now 28 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Cari Taylor <mail@changemail.org>
Sent: Sunday, July 27, 2014 6:57 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there are have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Cari Taylor Kihei, Hawaii

There are now 19 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: chelsea hindley <mail@changemail.org>
Sent: Sunday, July 27, 2014 6:19 PM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
chelsea hindley paia, Hawaii

There are now 35 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Christine VanderWal <mail@changemail.org>
Sent: Sunday, July 27, 2014 7:16 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

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Sincerely,
Christine VanderWal Oakland, New Jersey

There are now 20 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
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IEM Committee

From: Christine VanderWal <mail@changemail.org>
Sent: Sunday, July 27, 2014 7:16 AM
To: IEM Committee
Subject: Support a ban on the use and sale of polystyrene disposable food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Pacific Whale Foundation's petition "[Infrastructure and Environmental Management Committee: Support a ban on the use and sale of polystyrene disposable food service containers](#)" on Change.org.

Please support a ban on the use and sale of polystyrene disposable food service containers. Polystyrene is a serious threat to both the environment as well as public health. Commonly used in cheap food ware (plates, cups, 'clamshells', etc), polystyrene does not biodegrade and is responsible for leaching carcinogenic chemicals into food and the surrounding environment. Polystyrene has long been known to be detrimental to the environment, and is often spotted as unwelcome litter both on land and in water, due to its lightweight nature and disposability. In fact, McDonald's stopped using polystyrene containers for their hamburgers as far back as 1990. More and more cities across the country are banning the material, including Miami Beach, which just passed a ban on all Styrofoam products on July 24th. Made from petroleum, polystyrene products are never fully biodegraded and are made from a nonrenewable, rapidly disappearing resource. Their manufacture consumes much energy, and it is difficult to recycle the material. When polystyrene products make it to the ocean, they become harmful marine debris that is dangerous to ocean animals. Polystyrene products are not only dangerous for marine life; they pose a health risk to humans as well. In 2011, the U.S. Department of Health and Human Services listed styrene as a substance "reasonably anticipated to be a carcinogen". Polystyrene food containers, often received with take-out orders or hot beverages, can leach this toxin when in contact with hot foods or liquids. Compostable products are an economically viable and eco-friendly alternative to polystyrene. These products are non-toxic, plant-based and carried by every distributor in Hawai'i. Bills such as a ban on polystyrene food containers are important in reducing our dependency on single use plastics, while also improving environmental and public health.

Sincerely,
Christine VanderWal Oakland, New Jersey

There are now 28 signatures on this petition. Read reasons why people are signing, and respond to Pacific Whale Foundation by clicking here:

<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-the-use-and-sale-of-polystyrene-disposable-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Christopher Kasak <mail@changemail.org>
Sent: Sunday, July 27, 2014 8:31 AM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](#)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there are have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Christopher Kasak Wailuku, Hawaii

There are now 26 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>



IEM Committee

From: Cory Foht <coryfoht@gmail.com>
Sent: Sunday, July 27, 2014 11:08 PM
To: IEM Committee
Subject: Please Pass Bill to Ban Polystyrene Food Containers

Hi,

For the health of the planet and our bodies I urge you to pass the bill to ban Polystyrene Food Containers. There are several different options available on the market to replace these containers. Even though this will not completely eliminate the pollution in the oceans and the food chain it is a big step in the right direction for the islands of Hawaii and the global community. It is the right thing to do for the health of this and all future generations. Thank you for your time.

Sincerely,

Cory Foht
180 Lower Waiehu Beach Rd.
Wailuku, Hi 96793

IEM Committee

From: Cory Foht <mail@changemail.org>
Sent: Sunday, July 27, 2014 11:14 PM
To: IEM Committee
Subject: Support a ban on polystyrene food service containers

Dear Infrastructure and Environmental Management Committee,

I just signed Surfrider Foundation: Maui Chapter's petition "[Infrastructure and Environmental Management Committee: Support a ban on polystyrene food service containers](http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers)" on Change.org.

Please support a ban on polystyrene food service containers. Polystyrene foam products are bad for human health and the environment: * Polystyrene does not biodegrade, but instead breaks down into micro-plastics that are often consumed by seabirds and other marine animals; * Polystyrene products are more than 90% air, causing them to break apart easily and litter waterways or blow out to sea; * Polystyrene products are made from styrene, a known carcinogen and neurotoxin that leaches into hot, greasy food; * According to the U.S. Environmental Protection Agency, 100% of Americans have styrene in their bodies. * Polystyrene foam products are the most toxic and least recycled (less than 1%) type of plastic; * The resources and energy to make 1 polystyrene container could make 3 compostable containers; Compostable products are an economical and eco-friendly alternative to polystyrene. They are non-toxic, plant-based and carried by every distributor in Hawai'i. To date, there have been no documented cases of restaurants or food providers going out of business because of these bans. Maui County's environment and community would greatly benefit from a ban on polystyrene food containers. Thank you for supporting this important initiative!

Sincerely,
Cory Foht Wailuku, Hawaii

There are now 40 signatures on this petition. Read reasons why people are signing, and respond to Surfrider Foundation: Maui Chapter by clicking here:
<http://www.change.org/petitions/infrastructure-and-environmental-management-committee-support-a-ban-on-polystyrene-food-service-containers/responses/new?response=8d4ea5a741d8>

