

### 10-Entry-Level Points for Greener Restaurant and Food Service\*

- 1. **Purchase locally sourced products:** Working with local farmers is a great way to reduce the overall environmental footprint of your business. This not only supports local businesses and the local economy, but also reduces shipping costs and emissions. (See the Hawai'i Organic Farmers Association website for possible suppliers.)
- 2. **Monitor consumption:** Food waste can be a challenge for restaurants. Serving sizes should be accurately conveyed. Orders from suppliers should be as accurate as possible. This is an efficient way to reduce waste and to potentially save money. (See the EPA website for a food waste tracking log template.)
- 3. Create partnerships with local farms and businesses for composting or products pick up: Your waste could be somebody else's food. Leftover produce may be a great opportunity for local pig farms near you. Leftover food could easily be donated to local organizations or charities. Used cooking oil can be recycled into biodiesel. (See Pig Farms & Organizations, page 2)
- 4. Switch to-go/disposable utensils and packaging to biodegradable and/or compostable options: Switching to biodegradable, compostable, and recycled content products are alternatives to plastic and styrofoam. Avoiding waste all together is a more efficient way to reduce overall expenses and environmental impact. (See Plastic Alternatives, page 3)
- 5. Purchase paper products with at least 30% recycled contents (i.e. napkins, toilet paper, office paper): Making paper is an economically and environmentally costly process. Purchasing recycled content products is an efficient way to avoid or reduce the use of raw materials, and reduce your environmental footprint. (See Paper, page 4)
- 6. **Switch to environmentally friendly cleaning supplies** (i.e. hand soap, dish soap, sanitizer, floor cleaners): Using green products reduces the amount of chemicals in the work place. It is particularly relevant for the food industry as it allows for a healthier and safer work environment for both staff and customers. In addition, green products are becoming more accessible and more cost competitive. (See Cleaning Supplies, page 2)
- 7. **Ask suppliers about ecofriendly and** <u>Fair Trade</u> **products options:** Finding the right products for your business can appear to be a daunting task. However, some suppliers offer environmentally friendly product options. Work with them to find products that satisfy your needs. Some suppliers may also allow you to return packaging to avoid additional waste. See the <u>Hawai'i Environmental Product Guide</u> for more information.
- 8. **Provide clear sorting for recycling:** Diverting your waste is an easy way to implement environmental practices, and to potentially save money. It supports the creation of recycled products as it avoids using raw materials, while potentially reducing your overall refuse fees. *More information at:* <a href="http://www.opala.org/solid\_waste/business\_recycling.htm">http://www.opala.org/solid\_waste/business\_recycling.htm</a>
- 9. **Switch lights to LED bulbs**: Energy efficient lighting can help to reduce your energy consumption. It's a quick way to reduce your environmental footprint. *Hawai'i Energy* can help you make your business more energy efficient, with tips, rebates, and direct install programs. *More information and incentives at:* <a href="https://hawaiienergy.com/for-businesses">https://hawaiienergy.com/for-businesses</a>
- 10. **Monitor water management:** Simple fixes and updates can go a long way. Installing low-flow aerators or low-flow pre-rinse spray nozzles can help to reduce water usage. Checking for leaks regularly can help detect and avoid sudden increases in your water usage and bill. The *Board of Water Supply* offers information and tips on water conservation management practices that can help to conserve water. *More information at:* <a href="http://www.boardofwatersupply.com/conservation">http://www.boardofwatersupply.com/conservation</a>

*Note*: Some entry level points may be challenging to achieve for small businesses. Consider partnering with other restaurants and businesses nearby to reduce waste and disposal costs. (i.e. by setting up recycling and food donations). See the National Restaurant Association website for more information: <a href="https://conserve.restaurant.org/">https://conserve.restaurant.org/</a>

\* Upon completion, participants may be eligible to receive HGBP recognition certificate and granted usage of logo.

Pig Farms and Organizations Options			
Туре	Name	Specifications	Contact
	A & A Specialty Services	Feed goats and pigs	(808) 230-1745
Pig Farms	Al's Hog Farm	Located on the West side, could potentially offer pick-up service	(808) 696-7274
1 lg Falms	David Wong's Mountain View Dairy & Piggery	Pigs are vegetarian fed; the farm will accept only produce	(808) 383-3972
	Aloha Harvest	Offers pick-up services daily for quality edibles	Alohaharvest.org info@alohaharvest.org (808) 537-6945
Local Organizations	Hawaii FoodBank		Hawaiifoodbank.org info@hawaiifoodbank.org (808) 836-3600
	Ecofeed	For produce and food scraps	(808) 841-5586
	Pacific Biodiesel	For used cooking oil to be turned into biodiesel	(808) 877-3144

More information on food waste diversion: Opala.org/solid\_waste/food\_waste\_recycling.html

Tips: Look for products with the following seal: Green Seal, EcoLogo, USDA BioPreferred, EPA DfE. See the <u>Environmental Product Guide</u> for more options: <a href="http://greenbusiness.hawaii.gov/wp-content/uploads/2017/05/2016">http://greenbusiness.hawaii.gov/wp-content/uploads/2017/05/2016</a> EPG FINAL May2017.pdf (pages 107-118 for cleaning supplies)

Cleaning Supplies Options				
Type	Brand	Supplier	Item Reference / Name	Certification
	Ecolab	Ecolab	Clean & Smooth (Nexa) – Liquid Hand Soap	Green Seal
Hand Soap	Honey Bee Cleaners LLC	Honey Bee Cleaners LLC	Foaming Hand Soap	EPA DfE
	Tough Guy or GOJO	Grainger	Hand Soap Refills	Green Seal
Dish Detergent	Earth Friendly Products	Grainger	Dishmate / Wave Automatic Dishwasher Gel	EPA DfE
	Advanced Vapor Technologies LLC	Advanced Vapor Technologies LLC	Ladybug Chemical Free (Sanitizer and disinfectant)	NSF International
Sanitizer & Disinfectant	Honey Bee Cleaners LLC	Honey Bee Cleaners LLC	Pine Guard Disinfectant	EPA DfE
	Tough Guy	Grainger	Neutral Disinfectant Cleaner	EPA Standards
	Ecolab	Ecolab	FaciliPro Concentrated Neutral Floor Cleaner (QC)	Green Seal
Floor	EnvirOx LLC	EnvirOx LLC	Super Concentrate Floors	Green Seal
Cleaner	Tough Guy	Grainger	Enviro Floor Cleaner	Green Seal
	3M	Grainger	Twist 'n Fill Cleaners and Dispensers (3-in-1 Floor Cleaner, Concentrate)	Green Seal

Alternative to Plastic Products Options				
Type	Brand	Supplier	Item Reference	Certification
	Eco- Products	Eco-Products	Website reference: Ecoproducts.com/index.php	BPI, USDA Biobased
Containers	Sustainable Island Products LLC	Sustainable Island Products LLC	70% non-GMO compostable plastic, compostable in commercial composting facility. <i>Catalog reference</i> :  Sustainableislandproducts.com/wp-content/uploads/2017/05/SIP-Catalog-2017.pdf	BPI
& Utensils	World Centric	-Diamondhead Distributors -Hansen -VIP -Malolo -Premium, IncSuisan Company, Ltd.	70% non-GMO compostable plastic, compostable in commercial composting facility. Website reference:  Worldcentric.org/	BPI, USDA Biobased
	Eco- Products	Eco-Products	Website reference: Ecoproducts.com/index.php	BPI, USDA Biobased
Catering Containers	World Centric	-Diamondhead Distributors -Hansen -VIP -Malolo -Premium, IncSuisan Company, Ltd.	70% non-GMO compostable plastic, compostable in commercial composting facility. <i>Catalog reference</i> :  Worldcentric.org/biocompostables/trays/catering	BPI
Plastic	Sustainable Island Products LLC	Sustainable Island Products LLC	Compostable and biodegradable. Waste bags and take-out. <i>Catalog reference</i> : <u>Sustainableislandproducts.com/wp-content/uploads/2017/05/SIP-Catalog-2017.pdf</u>	
Bags & Trash Bags	World Centric	-Diamondhead Distributors -Hansen -VIP -Malolo -Premium, IncSuisan Company, Ltd.	Waste bags and liners. Compostable (suitable for home composting).  Website reference:  Worldcentric.org/biocompostables/bags	BPI, USDA Biobased

See the Environmental Product Guide for more options: Greenbusiness.hawaii.gov/wp-content/uploads/2017/05/2016\_EPG\_FINAL\_May2017.pdf (pages 142-149 for food service products).

Contact the following groups for information and resources on Zero Waste Options on your island:

Zero Waste Kauai: Zerowastekauai.net/index.html	Zero Waste Big Island: <u>Hawaiizerowaste.org/zero-waste/</u>
Zero Waste Oahu: Zerowasteoahu.org/	Maui Huliau Green Events: Mauihuliaufoundation.org/greenevents/

Paper Products Options				
Type	Brand	Supplier	Item Reference	Certification
Office	Boise	Office Depot	Boise® ASPEN® 30 Multipurpose Paper, Letter Size Paper, 20 lb. 30% Recycled, 500 Sheets Per Ream, Case of 10 Reams	FSC® Certified
Paper	Office Depot	Office Depot	Office Depot® Brand EnviroCopy® 30 Paper, Letter Size Paper, 20 lb. 30% Recycled, 500 Sheets Per Ream, Case of 10 Reams	FSC® Certified
	Georgia- Pacific	HFM FoodService	31436 GP Preference <sup>®</sup> ½ fold Napkin. 100% recycled content, compostable Catalog.gppro.com/catalog/6262/16356?filter=FULL	Eco Logo, BPI
	Georgia- Pacific	HFM FoodService	37835 GP MorNap® Jr. Full Fold Napkin. 30% recycled content, compostable Catalog.gppro.com/catalog/13718/17017?filter=FULL	BPI, Green by Design
Napkins	World Centric	-Diamondhead Distributors -Hansen -VIP -Malolo -Premium, IncSuisan Company, Ltd.	World Centric Napkins & Towels. 100% PCW recycled, compostable Worldcentric.org/biocompostables/paper/napkins	BPI, USDA Biobased product
	Georgia- Pacific	HFM FoodService	20389 GP Preference® MF Towel. 40% recycled content Catalog.gppro.com/catalog/6197/9328?filter=FULL	Green by Design
Paper towels & paper towel	Georgia- Pacific	HFM FoodService	89440 GP enMotion® Roll Towel. 100% recycled content	Green Seal, EcoLogo, Green by Design
rolls	Wausau Paper	KTD, Inc.	EcoSoft Roll Towels. 100% recycled content <u>Wausaupaper.com/product_type/ecosoft-roll-towels/</u>	Green Seal
	Georgia- Pacific	HFM FoodService	18280/01 GP Preference® Bath Tissue. 95% recycled materials Catalog.gppro.com/catalog/6189/14351?filter=FULL	Green by Design
Toilet paper	Georgia- Pacific	HFM FoodService	19880/01 GP Envision® Bath Tissue. 100% recycled content Catalog.gppro.com/catalog/6189/14303?filter=FULL	Green Seal, EcoLogo, Green by Design
	Wausau Paper	KTD, Inc.	EcoSoft Roll Towels. 100% recycled content Wausaupaper.com/product_type/ecosoft-bath-tissue/	Green Seal

See the Environmental Product Guide for more options: Greenbusiness.hawaii.gov/wp-content/uploads/2017/05/2016 EPG FINAL May2017.pdf (pages 119-139 for office products and 142-149 for food service products)

### Resources

# **Pollution Prevention**

Bus Services	Energy Conservation
The Bus City and County of Honolulu: thebus.org/	Fuel Economy: <u>fueleconomy.gov</u>
Hawaii Island Hele-On Bus: heleonbus.org	Alternative Fuels Data Center:
The County of Maui Bus: mauicounty.gov/605/Bus-	afdc.energy.gov/tools
Service-Information	
The Kauai Bus: kauai.gov/Transportation	
Pollution Prevention	Health Resources
<b>Environmental Protection Agency (EPA):</b> Epa.gov/p2	Department of Health (DOH):
	health.hawaii.gov/shwb/p2/

# **Recycling and Waste Reduction**

Recycling	Reuse
Oahu Solid Waste System: opala.org or honolulu.gov/env	Reuse Hawaii Honolulu: baseyard.com or
Hawaii Recycle: recyclehawaii.org	<u>reusehawaii.org</u>
Maui Recycling: mauicounty.gov/744/residential-	Hilo Arc Center: hiloarc.org
recycling-guidelines	Maui Recycling Center: mauirecyclinggroup.org
Kauai Recycling: kauai.gov/Recycling	Kauai Habitat for Humanity: kauaihabitat.org

# **Energy Conservation**

Conservation	Electric Companies
Hawaii Energy: <u>hawaiienergy.com</u>	Hawaiian Electric Company: heco.com
Green-E: green-e.org	Hawaii Electric and Light Company: helco.com
Hawaii State Energy Office: Energy.hawaii.gov	Maui Electric Company: mauielectric.com
	Kauai Island Utility Cooperative: website.kiuc.coop
Environmental Assessment Tool	Energy Star
<b>Electronic Product Environmental:</b> epeat.net	Energy Star: energystar.gov

# **Water Conservation**

<u>Conservation</u>	Water Supply
Environmental Protection Agency: epa.gov/watersense	City and County of Honolulu-Board of Water Supply:
	<u>hbws.org</u>
	County of Hawaii Department of Water:
	<u>hawaiidws.org</u>
	Department of Water Supply-Maui County:
	mauiwater.org
	<b>Department of Water-County of Kauai:</b> kauaiwater.org

# **Tools**

<u>Carbon Calculators</u>	<u>Catering</u>
Environmental Protection Agency:	Marine Stewardships Council: msc.org
epa.gov/energy/greenhouse-gas-equivalencies-calculator	