

THE ELECTRONIC REVOLUTION AND E-WASTE



HOW HAS THE ELECTRONIC REVOLUTION CHANGE E-WASTE?

THE ELECTRONIC REVOLUTION HAS CHANGED THE WAY WE LIVE, WORK, AND COMMUNICATE; BRINGING PEOPLE FROM ALL OVER THE WORLD CLOSER TOGETHER.

WE ARE LIVING IN AN AGE OF TECHNOLOGICAL ADVANCEMENT,

SURROUNDED BY GADGETS OF ALL KINDS—FROM COMPUTERS AND LAPTOPS TO EVER-CHANGING CELLPHONES. BUT AS EXCITING AS THIS PROGRESS IS, IT HAS CREATED A “USE-AND-THROW-AWAY” CULTURE. WE OFTEN REPLACE OUR DEVICES AS SOON AS A NEWER MODEL COMES OUT, LEAVING BEHIND PILES OF DISCARDED ELECTRONICS.


WHAT IS E-WASTE?

E-WASTE STANDS FOR ELECTRONIC WASTE—DEVICES AND GADGETS THAT ARE NO LONGER USEFUL. THIS INCLUDES CELLPHONES, LAPTOPS, TVS, PRINTERS, GAMING CONSOLES, AND OTHER ELECTRONIC ITEMS.



SHOCKING E-WASTE FACTS!




 40 million tons of e-waste are generated every year globally—that's like throwing away 800 laptops every second!

 The average cellphone is replaced every 18 months.

 E-waste makes up 70% of toxic waste in landfills.

 Only 12.5% of e-waste is recycled. The rest is buried, burned, or sent overseas.

 85% of e-waste is sent to landfills and incinerators, where it releases harmful toxins into the air.

 Electronics contain dangerous substances like lead, mercury, arsenic, and cadmium, which can harm the brain, nervous system, and kidneys.



IS E-WASTE BAD?

A LOT OF OUR E-WASTE ENDS UP IN LANDFILLS IN ASIA OR AFRICA, BUT IT'S NOT THE KIND OF "RECYCLING" WE IMAGINE. INSTEAD, ELECTRONICS ARE BURNED OR BURIED, RELEASING TOXIC CHEMICALS INTO THE LAND, AIR, AND WATER. 🌍💧

E-WASTE IS BAD, FOR YOU, ME, OUR PLANET, AND ESPECIALLY FOR THE WORKERS ON THE LANDFILLS.

MOST OF THE TIME, THEY ARE SENT TO DEVELOPING COUNTRIES WHERE WORKERS EXTRACT THE PRECIOUS METALS FROM THE DISCARDED ELECTRONICS.



DID YOU KNOW?



**E-WASTE IS
BAD FOR YOU, ME,
THE PLANET, AND
WORKERS
ON THE LANDFILL**

THESE E-WASTE WORKERS EARN JUST \$1.50 A DAY AND HAVE NO PROTECTION FROM HARMFUL CHEMICALS WHEN ELECTRONICS ARE BURNED AND THEY BREATHE IN DANGEROUS TOXINS. WORST OF ALL, MANY OF THESE WORKERS ARE KIDS JUST LIKE YOU! 🧒♻️





IMPORTANCE OF RECYCLING E-WASTE

WHY WE SHOULD RECYCLE ELECTRONIC E-WASTE?

CELLPHONES AND OTHER ELECTRONIC DEVICES CONTAIN PRECIOUS METALS LIKE GOLD AND SILVER. THE US ALONE THROWS AWAY CELLPHONES WITH \$60 MILLION WORTH OF GOLD/SILVER YEARLY.



RECYCLING 1 MILLION LAPTOPS SAVES ENERGY



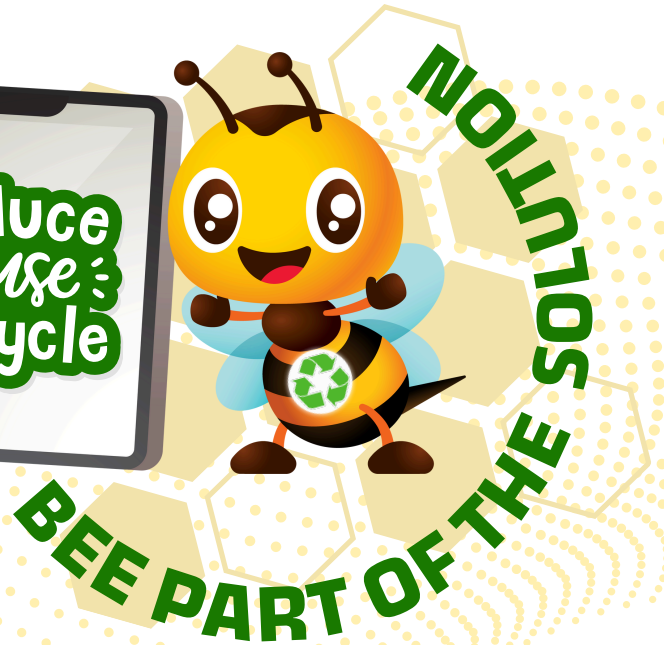
EQUIVALENT TO THE ENERGY USED BY 3600 HOMES IN THE US ANNUALLY.



MOST OF THE COMPONENTS OF E-WASTE ARE ELECTRONIC EQUIPMENTS THAT CAN BE RE-USED AND RECYCLED FOR MATERIALS RECOVERY

68% OF GARBAGE IS RECYCLABLE BUT WE ONLY RECYCLE 32% IN THE US

REDUCE, REUSE, RECYCLE YOUR E-WASTE



WHAT SHOULD WE DO ABOUT OUR PERSONAL E-WASTE?

THERE ARE SMART WAYS TO DISPOSE OF YOUR OLD ELECTRONICS:

- 📱 DONATE YOUR OLD PHONE, COMPUTER, OR TV TO SOMEONE WHO NEEDS IT—FRIENDS, CHARITIES, OR COMMUNITY PROGRAMS. IT HELPS THE PLANET 🌍 AND MAKES SOMEONE HAPPY! 😊
- ♻️ RECYCLE WITH A CERTIFIED E-WASTE RECYCLER LIKE E-OPALA. NON-CERTIFIED ONES MAY DUMP E-WASTE IRRESPONSIBLY, HARMING THE ENVIRONMENT. 🚫🏭
- 🔄 UPGRADE RESPONSIBLY—GET NEW DEVICES WHENEVER YOU NEED, BUT DON'T TOSS THE OLD ONES IN THE TRASH! 🗑️ SOMEONE ELSE MIGHT STILL BE ABLE TO USE THEM. DONATE AND RECYCLE TO KEEP E-WASTE OUT OF LANDFILLS AND HELP KEEP OUR ISLAND GREEN AND CLEAN! 🌱🌍♻️










JOIN THE *e-opala*[®] **BEEHIVE**
electrical recycling



BEE COME AN
E-OPALA
RECYCLER BEE
TODAY!

DON'T TRASH THESE ITEMS!
**REMINDE YOUR PARENTS THAT E-OPALA CAN
RECYCLE THESE ITEMS FOR FREE!**

-  Batteries (UPS, Lead Acid, Alkaline, etc.)
-  Computers, Laptops, and Tablets
-  Cell Phones
-  IT Equipment & Hard Drives*
-  Power Cords
-  Printers
-  TVs & Monitors

*Data destruction available for a fee.

DROP OFF AT OUR WAREHOUSE: 2627 KILIAU ST, HONOLULU
OR OUR NEXT E-WASTE COLLECTION EVENT.
VISIT WWW.EOPALA.COM OR SCAN THE QR CODE FOR DETAILS.



THANK YOU



FOR TAKING THE TIME TO LEARN
ABOUT E-WASTE RECYCLING AND
HOW YOU CAN MAKE A DIFFERENCE
IN KEEPING HAWAI'I



GREEN-"ER"

THROUGH ELECTRICAL RECYCLING WITH



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