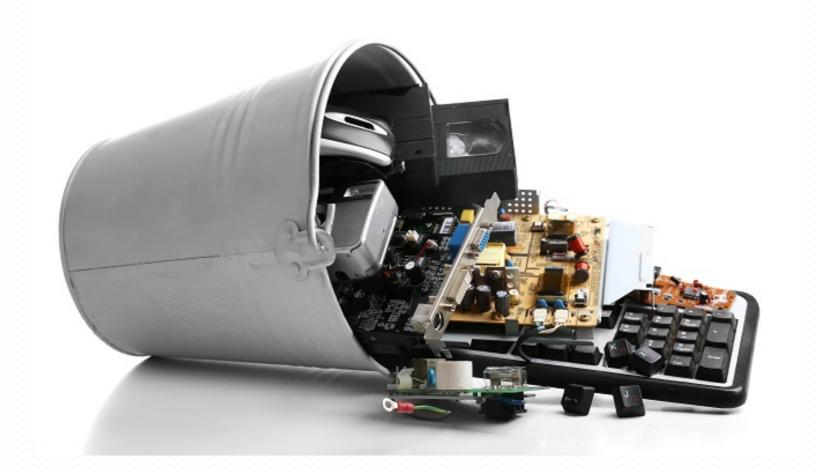






# E-waste Recycling...

Saving the environment!







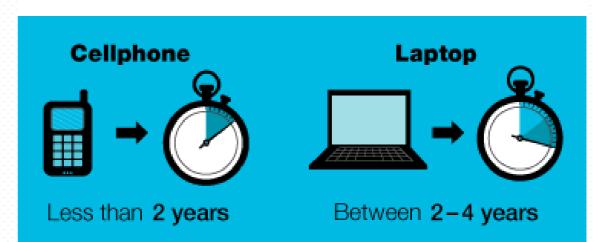




#### Electronic Waste Facts.

- e-waste contains highly toxic materials like lead & mercury.
- 85% of e-waste is recyclable and of valuable materials, such as metals and plastics.
- e-waste is identified as a priority waste stream. The fact that ewaste is listed under hazardous waste.
- A fast-growing waste stream with complex characteristics made available to virtually all communities and almost all commodities.
- The growing amount of e-waste has posed a significant challenge to waste management in both developed and developing countries. Rapid technology innovation and ever-shortening product lifespans are among the factors contributing to the growing amount of ewaste.
- Most developing countries have neither adequate technologies nor adequate facilities for handling e-waste properly and in an environmentally sound manner.





On average, consumers replace their cellphones at least every two years, and their computers every two to four years!









### NUMBERS\* (1/2)

Municipal solid waste (MSW) 2.04 million Tons (2013)

MSW generation annual growth 1.65%

Medical waste 25,040 Tons/year

Industrial waste 188,850 Tons/year

Agricultural waste N/A

C&D waste N/A

Tires waste N/A

Packaging waste

e-waste

**MSW Destination** 

Composted: 15%
Recycled: 8%
Landfilled: 48%
Open-dumped: 29%

#### **Industrial** waste

There is no treatment units/centers of industrial wastes (physical chemical treatment) while for medical waste 60% of the waste is treated by autoclaving and shredding

N/A

N/A





NO e-waste Statistics for Lebanon, Others 11% while according to UNU-IAS it is estimated to **39,000Tons\*\*** for 2014. Metal 5.5% Glass 3.5% Waste Composition Plastics 11.5% Organic 52.5% Paper / CardBoard 16%

<sup>\*</sup> Reference "Country report on the Solid Waste Management in LEBANON" - April 2014





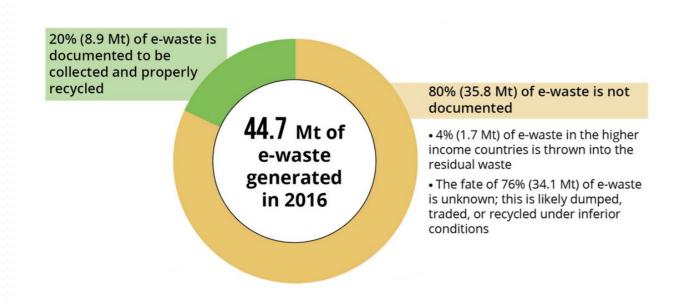


# NUMBERS\*\* (2/2)

While Globally

e-waste stream measured to: 44.70 million Tons in 2016

With an annual growth rate of 3 to 4 %



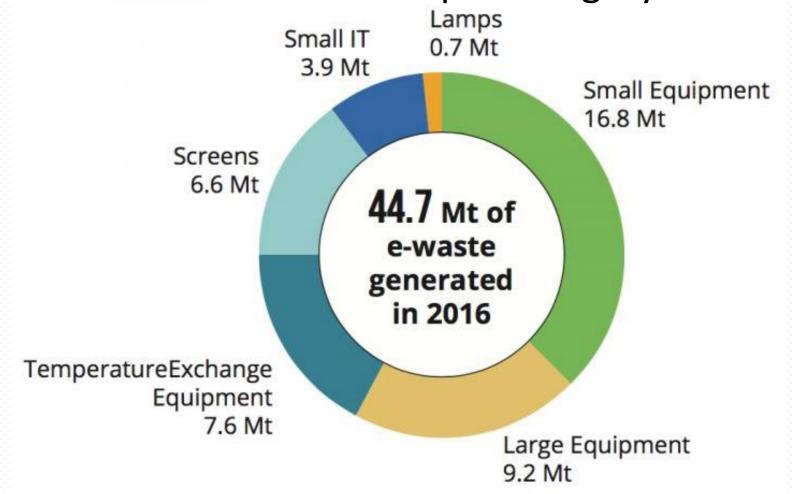
#### \*\* Reference "THE GLOBALE-WASTE MONITOR" - 2017







# Estimates of e-waste totals per category in 2016



In this same report, it is mentioned that Lebanon would have contributed to an estimate of 11.1Kg per inhabitant of e-waste for the year 2016. That is around 51 kilotons of e-waste.









# The Objectives of the Program.

- The processes of **recycling** and disposing of e-waste involve several practices, including: collection; sorting & temporary storage; transport & handling; dismantling; distribution to dedicated recycling industries.
- The prime objective of Gueco is **Optimizing** the life cycle of electric and electronic equipment by:

  Improving e-waste chains collection, Closing material loops, Reducing contamination;

  and creating **awareness** for Increasing utilization of resources, refurbishing and reuse of equipment and Increasing public, scientific and business knowledge.
- **Upcycling** selected electronic parts into fashion Jewelry Items; aiding in augmenting the awareness and creating job opportunities for designers and craftsmen.
- We promise that all these would be conducted according to the principles of ESM (Environmentally Sound Management).











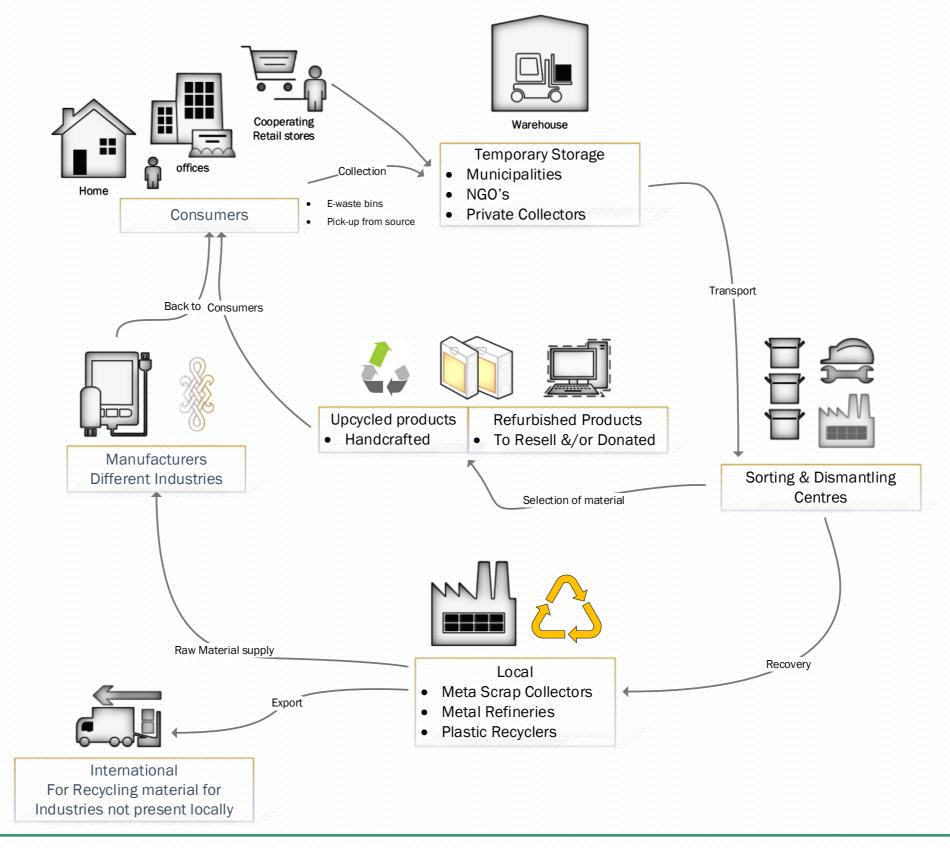








### The Process...









#### The Promotion!

Do you want to upgrade your Desktop, Laptop or flat screen TV

have the latest Smart Phone

replace office Servers, Printers, Faxes and Monitors with new devices?

Unused electronics do not belong in trash. If you want to protect the environment, there are good reasons to recycle electronics.

Call or WhatsApp; We pick up And for free!

*03-710 184 03-225 557* 

We Supply a "Certificate of Recycling" at each pick up.











## What we pick? List of equipment:

- ✓ Corded and wireless communication devices. (e.g. home & office phones, Mobile Smart Phones, Walky-talkies)
- ✓ Computers; workstations, laptops & Tablets.
- ✓ Computer peripherals.
   (e.g. Webcams, Keyboards, Scanners, Printers, USB flash memory)
- ✓ Small TV and PC monitors.
- ✓ Audio and stereo equipment.
   (e.g. MP3 players, DVD, VCR and CD players)
- ✓ Cameras.
- ✓ Video game consoles. (e.g. Atari, Sony PS4, Nintendo)
- ✓ Electric & Electronic Toys.

  (e.g. radio control cars, pet robots, educational tablets)
- ✓ Batteries, Adaptors, Chargers and UPS.

- ✓ Small home & Kitchen appliances.

  (e.g. Iron, hair Dryers & straightener, electric shavers, Blender, Toaster, Mixer, Coffee Machine)
- ✓ Fridges, Washing machines, Dryers and dishwashers.
- Microwave and Electric Ovens.
- ✓ Large TV sets.
- ✓ Vacuum Cleaners.
- ✓ Office equipment.

  (e.g. Calculator, paper shredder, projector)
- ✓ Corporate settings like.
  (e.g. IT servers and backup UPS systems.)

Note: we 100% Guarantee Data Destruction.









#### Data Destruction!

- Companies' confidential Data and individual's private information is important to be wiped totally at end of life of their electronic backup media (hard drives and backup tapes).
- It goes without saying that the most secure way to destroy data is
   physical destruction. the physical destruction will render the data
   completely inaccessible. It is therefore viewed as a particularly
   effective method of disposal.
- For this we follow a simple and energy effective method of destruction by **Hammering** manually each backup Drive making sure the platters inside are totally deformed for aluminum made and totally shattered for glass made.
- We always insist to this procedure be performed in witness of an owner representative or individual. While, submitting at end a "Data Destruction Certificate" signed by both parties.
- Similar Physical method is performed for backup storage Tapes.













# Upcycling!

We don't just recycle we Upcycle.

Part of the e-waste during dismantling will be specifically picked and thought into a marvelous material handcrafted into an art of Jewelry.

A Team of Designers brain storm, in mind:

# creativity awareness art design innovative simple fashionable

"Creativity is making marvelous out of the discarded.."

"good art inspires, good design motivates."

Those pieces of art would be available for purchase from our website. Choose artistically!

www.veawear.com

















#### Awareness!

We are **Partnering** with **ACT** (ACTIVE ADVOCACY of COMMUNITIES for TOMORROW) an NGO that believe in the POWER of INDIVIDUALS to bring CHANGE through INITIATIVES and PROJECTS having a POSITIVE IMPACT on COMMUNITIES.

The Environment being one of their concerns, and being implemented in projects of "food wastage" and "e-waste" on the level of individuals, municipalities and corporate. Mostly, They have a effective awareness program in action promoting knowledge & good citizenship.

We decided to joint venture believing in same value of "Bring Change".

While, after proper dismantling and sorting at our premises, the sorted recycled material is dispatched to recycling centers. The collected Money from the Recyclers is used to sustain this program, with part of this money donated (20%) to ACT in believe & support to their projects.















Prepared by: Patrick El Zoghbi - 2019

