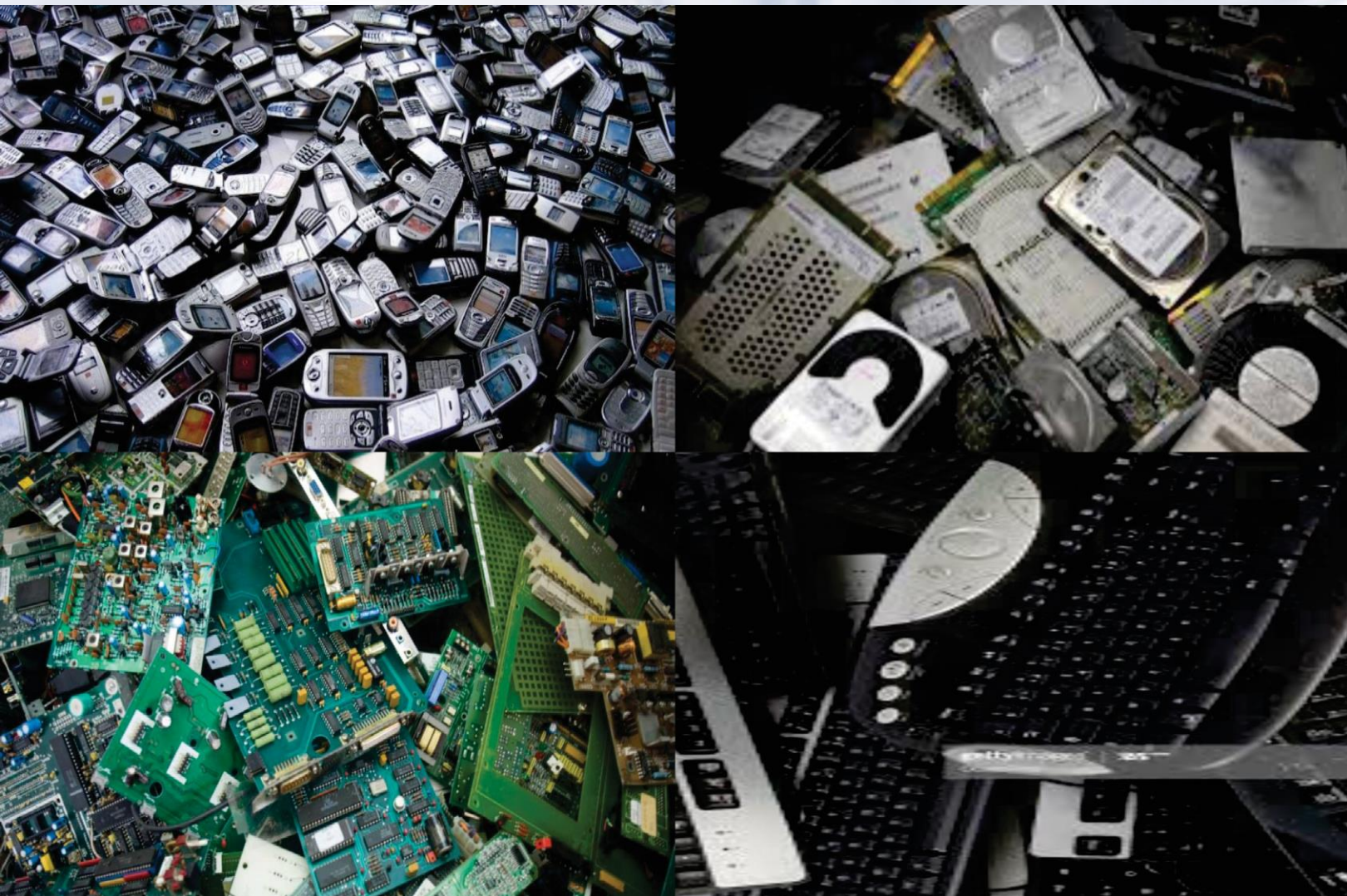


DO YOU KNOW SOME FACTS OF THE E-WASTE WE GENERATE IN INDIA?

- ▶ India generates about 2 Million Tonnes of E-waste annually.
- ▶ It Ranks fifth among E-waste producing countries, after the U.S., China, Japan and Germany and Recycles less than 2% of the total E-waste it produces annually formally.
- ▶ India Ranks 177 amongst 180 countries and is amongst the bottom five countries on the environmental performance Index 2018, as per a report released at the World Economic Forum 2018.

Growth of the IT and Tele Communication Sectors has increased the usage of the electronic equipment exponentially. Faster and Regular upgradation of electronic products is forcing users to discard old electronic products very fast which is adding to E-WASTE to the Solid Waste Stream. This makes E-waste the world's fastest growing domestic wastestream. This growing problem of E-waste calls for greater emphasis on Recycling E-waste & E-waste Management



Are we Ready for the Change?

The Majority of the E-waste collected in India is managed by the unorganised sector leading to improper disposal of E-waste and missed opportunity for RECYCLING.

E-waste poses a huge risk to humans, animals and the environment.



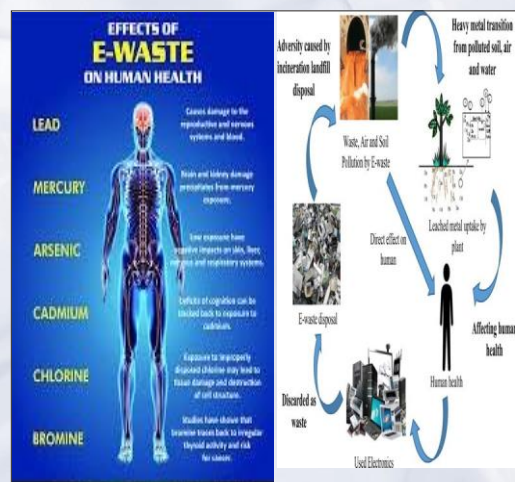
Retrieving of metals
Disposal of E-waste by burning is one of the major causes of air pollution leading to the emission of brominated and chlorinated dioxins as well as carcinogens a major cause of cancer.

Dumping of E-waste in open Dump sites is the major cause for ground water contamination. Lead, Mercury, Cadmium, arsenic and PCB's make the soil toxic and unfit for agricultural purposes.



Dumping of E-waste in the seas oceans and water bodies is impacting the marine life

Improper processing and dismantling with rudimentary techniques of E-waste which contains toxic substances such as liquid crystal, lithium, mercury, nickel, poly chlorinated biphenyls (PCB's), Selenium, arsenic, barium, brominated flame retardants, cadmium, chrome, Cobalt, Copper and lead make it hazardous for human life and poor health.



Are You Ready for the Change?

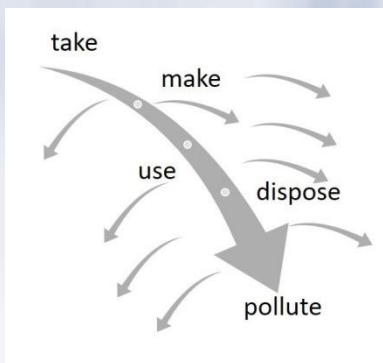
Join us to integrate the Recycling system of E-waste from informal unorganized Sector to Formal transparent organized sector for RE-USE, RE-FURBISHING, RE-CYCLING in specialized facilities to prevent environmental contamination and human health risks.

Sustainable solution for E-waste disposal starts with collecting E-waste professionally, separating and processing, Recycling and proper disposal of all components not Recyclable.

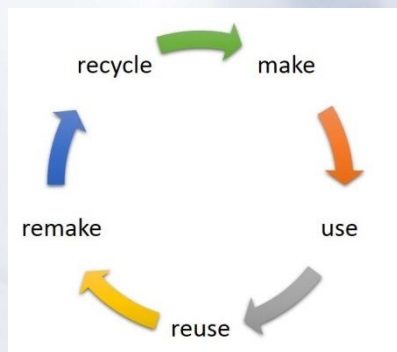
Recycling of E-waste in Informal Way



Electronic Waste : Linear Vs Circular Economy

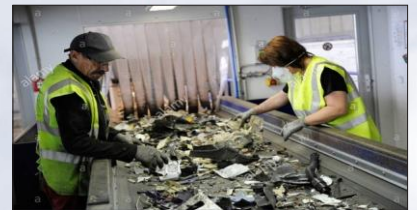


Linear



Circular Economy

Recycling of E-waste in Formal organised Way



**BEAT THE UNPROFESSIONAL
RECYCLING OF E-WASTE**

LET US CHANGE THIS HABIT
 BY
 PROPER COLLECTION OF END OF LIFE (EOL) E-WASTE AT
 CONSUMPTION POINTS
 PROPER DISPOSAL OF E-WASTE
 DE-MANUFACTURE WASTE ELECTRONICS
 &
 SHRED THE E-WASTE
 TO
 REDUCE, RECYCLE & REUSE & ENSURE DATA SECURITY



PROPER DISPOSAL OF HAZARDOUS CONTAMINANTS IS TO BE DONE.

E-waste i.e. Mercury can damage our brain and effect neurological functioning.



- Gold (Au)**
- Silver (Ag)**
- Copper (Cu)**
- Platinum (Pt)**
- Palladium (Pd)**

RECOVERY OF USEFUL MATERIALS BY DE MANUFACTURING

Valuable Garbage
 57 US\$ Billion worth of gold, silver, copper platinum and other high-value recoverable materials were mostly dumped or burned rather than being collected for treatment and RE USE

HARD DRIVE OF

SERVERS

COMPUTERS

LAPTOPS

CELL PHONES



SECURE YOUR DATA BY SHREDDING HARD DRIVES



SHRED THE E-WASTE TO RECYCLE, REDUCE, REUSE AND SECURING THE DATA

HARD DRIVE SHREDDER @ DATA CENTRE

AUTOMATED SHREDDING SOLUTIONS @ E-WASTE RECYCLERS

E-waste & Hard Drive Shredders can be installed at the following points of De Manufacturing, Segregation & Disposal of E-waste.

Comply with the Ministry of Environmental, Forest and Climate Change (MoEFCC)
Rule 2016 & Amended in March 2018

by

Collecting, Segregating, De Manufacturing & Disposal of E-waste with

Waste Management Solutions

E-WASTE, END OF LIFE (EOL) EXAMPLES.

- ▶ Cell Phones
- ▶ Computers
- ▶ Laptops
- ▶ Servers
- ▶ Main frames
- ▶ Monitors
- ▶ Compact Disks
- ▶ Magnetic Tapes
- ▶ Printers
- ▶ Scanners
- ▶ Copiers
- ▶ Calculators
- ▶ Trans receivers
- ▶ TV's
- ▶ Ipods
- ▶ Fax Machines
- ▶ Battery Cells
- ▶ Medical apparatus
- ▶ Washing Machines
- ▶ Refrigerators
- ▶ Air Conditions
- ▶ Hard Drives
- ▶ Printed Circuit Boards
- ▶ Mother Boards
- ▶ Electronic Components
- ▶ Electronic Chips



CAN BE INSTALLED IN

- ▶ Municipalities in Towns & Cities.
- ▶ Manufacturing Plants of
Cell Phones
Computers
Entertainment & Electronics
Office Equipment
White goods like
TV's, Fridges, Washing
Machines
Hard Drives
Computer Accessories
Printed Circuit Boards
Electronic Chips
- ▶ Software Development Centers
- ▶ Big Retailers of Electronic
Goods
- ▶ E-com Companies Selling
electronic goods
- ▶ Data Centres of Banks,
Corporates, Defence Agencies,
State and Central Government &
Hospitals
- ▶ Data Centers of
Universities, Research
Organisations, Defence
organisation in Army, Navy,
Airforce
- ▶ E-Waste Recyclers
- ▶ E-Waste De manufacturers
- ▶ E-Waste Dismantlers
- ▶ NGO's, CSO's, Self Help Groups
(SHGs)

Now you have the power to change things, choose **NxGen** as your ideal partner to implement proper collection and disposal of E-waste in accordance with Central Pollution Control Board approved Extended Producer Responsibility (EPR) targets with quality, quantity, technology and within time frame. Producer Responsibility Organisation (PRO) has also been introduced as a Law for E-waste Management. The producers have to meet targets which should be 20% of the E-waste generated by their sales. This will increase by 10% annually for the next five years. The responsibility of the producers is not confined to waste collection, but also to ensure that the E-waste reaches the authorised Recycler / Dismantler.

Choose from a wide range of E-waste, Hard Drive Shredders with efficient, Reliable, robust durable designs with operator safety Controls and output from 1-5 tonnes per hour, twin shaft cutting rollers with fixed strippers



Also Choose from Automated shredding solutions with conveyor, feeder table, and segregators



**BEAT THE UNPROFESSIONAL
RECYCLING OF E-WASTE**