

Note on E-Waste Disposal in Apartments

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Presented By

BANGALORE APARTMENTS' FEDERATION (BAF)

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Disclaimer: Bangalore Apartments' Federation (BAF) has compiled this note based on inputs from different people as well as secondary information available. Though disposal of e-waste has been undertaken by many apartment complexes, including its members, there is no standard procedure or process which is mandated by any Government agency. BAF has not independently verified the product / service quality of any vendor mentioned in this note and readers are requested to do their own diligence before finalizing any vendor. BAF will not assume any liability for any issues arising through engagement of any vendor for e-waste.

DO YOU KNOW?

- India is the 5th largest producer of e-waste globally
- About 3 million tonnes (MT) of electronic waste is disposed every year in India
- About 15% of the total e-waste is generated by households
- Bengaluru generates about 37,000 MT of e-waste every year
- Only about 12% of e-waste is being recycled

WHAT CONSTITUTES E-WASTE?

- Comprises both electronic & electrical
- ICTs like computers, laptops, pen drives, printers, mobiles, earphones, cartridges etc.
- Consumer electronics like TV, refrigerators, mixers, grinders, CFL lamps, washing machines etc.
- About 75% of e-waste is TVs and 20% is computers
- Contribution of mobile phones to e-waste is increasing at a rapid clip

WHY IS E-WASTE DISPOSAL A BIG PROBLEM TODAY?

Disposal through regular garbage clearance channels and through the informal sector is unsafe due to following reasons:

- E-waste includes hazardous materials / metals like barium, chromium, CFCs, arsenic, lead, cadmium, mercury etc. which need to be handled carefully
- Informal sector does metal extraction using acids, burns PCBs for copper extraction, exposes workers to hazardous work environment, disposes waste in fields & rivers, and exports waste to developing countries
- E-waste disposal causes groundwater pollution through landfills, limiting diversity of aquatic life
- Biomagnification of e-waste in the food chain causing ecological damage and human health challenges
- E-waste dumpsites produce greenhouse gases that cause global warming

HOW DO FORMALLY CERTIFIED E-WASTE RECYCLING VENDORS WORK?

- They refurbish, reuse and recycle e-waste using environmentally safe processes
- They use secure landfills
- They are approved by Central & State Pollution Control Boards
- Certified vendors recycle and recover 90% of the e-waste

LET'S ACT NOW TO DISPOSE E-WASTE IN A SAFE & RESPONSIBLE WAY!

BAF would like to facilitate safe disposal of e-waste through this note. EnSyde & SAAHAS are Bengaluru based NGOs working with commercial & residential establishments to educate, collect and dispose e-waste. We will try to rope in other NGOs in the future to provide alternative options to members. Details are given below.

HOW DO THE VENDORS WORK WITH APARTMENTS?

- Awareness program for residents in each apartment, involving kids & adults, presentations, contests etc.
- Periodic (typically monthly) collection by the vendors
- Vendors will deliver e-waste to certified recyclers, thereby making sure that the e-waste is disposed in a safe & responsible manner
- Some vendors don't charge for collection and transportation, but others may charge a nominal amount depending on location, type & quantity of e-waste.

HOW CAN BAF MEMBERS ENGAGE WITH THE VENDORS?

1. Contact the vendors directly (contacts provided below)
2. Identify a champion in your apartment who can mobilize residents' support & participation
3. Setup a date with one or both the vendors for an awareness program / presentation
4. Kickstart e-waste collection and periodic disposal as a continuous activity

CONTACT DETAILS OF VENDORS

1. Name of the Vendor : Ensyde (NGO)
- Contact Person : Manvel Alur
- Mobile No. : +91 98451 76883
- E-Mail ID : e-waste@ensydeindia.org / manvelalur@ensydeindia.org
- Website : www.ensydeindia.org
2. Name of the Vendor : Saahas Waste Management Pvt. Ltd.
(Commercial entity linked to the NGO Saahas)
- Contact Person : Vishal Kumar
- Mobile No. : +91 70226 17159
- E-Mail ID : vishal@saahaszerowaste.com
- Website : www.saahaszerowaste.com