

What e-waste we accept and what we do with it.

Electronic waste (e-waste) is what keeps Substation33 in operation. We are often asked what type of e-waste we accept and what happens to it, so here is a quick breakdown of the e-waste breakdown.

We accept anything with a power cord or battery ...

Yes, **anything!** From fridges, to beard trimmers, mobile phones to dvd players, stereos to desktop computers, printers of all sizes to electric scooters, vacuums to electronic whiteboards, medical machinery to electric toothbrushes, CPAP machines to microwaves ... & the list goes on. We also love retro electronics.



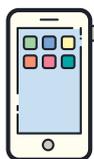
What happens to the e-waste?

Our volunteers deconstruct & sort the e-waste into all the components such as metals, glass, plastics, wires, batteries & circuit boards. The recyclable materials are sold to keep our doors open. Some materials are repurposed for other projects & products that our volunteers, trainees & staff manufacture. For example:

- *Lithium-ion batteries are tested, graded and re-packed into battery packs that power our Flooded Road Smart Warning System (FRSWS), PowerWells, and the SESA Smart Buoys;*
- *Acrylic from inside tvs and computer monitors is used to build housing for PowerWells and many components of FRSWS's from clamps to brackets for holding batteries.*

One of the best outcomes that runs alongside processing e-waste is the support we provide to marginalised & disadvantaged, long-term unemployed people to help them gain confidence, skills, training & ultimately suitable employment.

A note about phones & tablets:



If you are donating a phone or tablet then we ask that you first do a factory reset on your device. This ensures that we can perform socially & environmentally responsible repurposing/recycling & it guarantees the safe removal of your data.



For further information and support in setting up a work experience placement, please call or email Substation33:



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