

# Hardware Recycling

As a safe, professional and ethical recycling company, we follow BATRRRT (Best Available Treatment Recovery and Recycling Techniques) and the Waste Hierarchy Article 4 of the revised EU Waste Framework Directive sets out 5 steps for dealing with waste, ranked according to environmental impact – this is known as the ‘waste hierarchy’. Tech Recycle do not employ the use of steps 4 or 5.

## The Waste Hierarchy

Stages	Include
Prevention	using less material in design and manufacture, keeping products for longer, reuse, using less hazardous materials
Preparing for re-use	checking, cleaning, repairing, refurbishing, whole items or spare parts
Recycling	turning waste into a new substance or product, includes composting if it meets quality protocols
Other recovery	includes anaerobic digestion, incineration with energy recovery, gasification and pyrolysis which produce energy (fuels, heat and power) and materials from waste, some backfilling
Disposal	landfill and incineration without energy recovery

## The Collection Process

All equipment is collected in our own secure tracked vehicles driven by our own trained staff. A Duty of Care (Controlled Waste) notice is issued at the time of collection. The equipment is then moved directly to our secure facilities to be processed.

While the emphasis for equipment processed by Tech Recycle is to try and reuse as much as possible, we recognize that some organisations have greater restrictions on how the equipment is processed and require permanent and irrecoverable physical destruction. If this is required we are able to do so.

Equipment requiring permanent and irrecoverable destruction will be assigned to a dedicated collection in one of our secure vehicles and transported directly to our partner processing plant. Everything delivered to the plant will be passed through a granulating machine with the end result being 35mm granules.



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er two levels of hardware processing:

- Standard** Asset tags and identifying marks are removed, any media containing data is removed and processed in accordance with our data destruction procedures and equipment is then considered for reuse or redeployment.
- Premium** Sensitive equipment can be transported to our partner processing plant for granulation. Any equipment is reduced to 35mm granules suitable for recycling. This service is normally only used by government and defence organisations.

Our standard service is free of charge, there is a cost implication for our premium service, please contact us for a quote.

*Safe, Professional and Ethical IT Recycling*

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