



TechCollect Environmental Impact

Based on Life Cycle Assessment data produced by Lifecycles





Each year, ANZRP
conducts independent
research to quantify
the environmental impact
of its e-waste collection
and recycling service—
TechCollect.

Since commencing operations in 2012,
TechCollect has recycled over **160,000**
tonnes of e-waste.



From a sustainability perspective,
this translates into the following...

By recycling e-waste, TechCollect has prevented
over **190,000T in carbon emissions**



This is equivalent to
planting more than
2.8 million trees¹

By recycling e-waste, TechCollect has
saved over **990,000m³ of water**



This is equivalent to **the average
annual water use of over
4,800 Australian households²**

By recycling e-waste, TechCollect has saved
over **2.7 million Gigajoules of power**



This is equivalent to **the average
annual energy consumption of
19,725 Australian households³**

By recycling e-waste, TechCollect has prevented more than **268,000kg particulate matter from entering the atmosphere**



This is equivalent to **a truck driving from Perth to Sydney and back more than 34,000 times⁴**

Thank you for
supporting ANZRP and
helping achieve
a positive
environmental
outcome.



References

1. Based on estimate of 15 trees storing 1 t CO₂e, as provided by Carbon Neutral™ (<https://carbonneutral.com.au/faqs/>).
2. Based on 327 MJ of energy per Australian household and per day in FY17, using Australian Bureau of Statistic data (ABS 4604 and ABS 3236).
3. Based on 559 litres per day and per Australian household in FY17, using Australian Bureau of Statistic data (ABS 4610 and ABS 3236).
4. Based on an EURO3 diesel truck emission as modelled in ecoinvent 3.5.

