egotechnology
Smart IT Disposal, Sustainable Results

Carbon Report 2026

The following Carbon Emissions Report calculates the estimated associated greenhouse gas saving through reuse, regeneration and recycling of surplus IT. Industry protocols and conversions are applied. The source data for these calculations apply conservative protocols for CO2e useage as reported by the European Economic and Social Committee study 2019, manufacturers published Environmental data along with EGO Technology processing data.

Carbon Report
Water Report
Earth Report
Part of the egotechnology group

Company Name	Collection Data				
	Vehicle Type	Transport (km)	eCO2/g	Total eCO2/kg	Total eCO2/t
Sample Company	Van / Lorry	249.6	185	46.2	0.0462

Collection Date	Contact Name	Courier	Carrier Registration
15/12/2025	Ben Smart	Logistics World Ltd	CBDU369098

Gross Incoming Weight (kg)	Packaging/Storage (kg)	Consignment Weight (kg)	EWC Code
2178	391.6	1786.4	16 02 13

Total Devices	Device	Quantity	Weight (kg)	Processing	Processing eCO2 Unit/kg	Total eCO2 (kg)
*	Mobile Devices	30	9.7	Mobile Devices	0.0018	0.054
*	I.T	385	1776.7	I.T	0.0018	0.7
*	Packaging	1	16.6	Packaging	0.0018	0.0018
	Subtotal	416	1803			0.7488

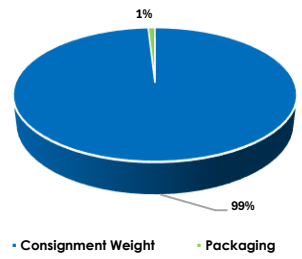
Reuse Devices	Device	Quantity	Weight (kg)	Manufactured eCO2 (kg) per device	Total eCO2 (kg) to Manufacture	Total eCO2 saving for reuse (75%)
*	Mobile Devices	27	9.4	69	1863	1397
*	I.T	162	746.7	250	40451.3	30338
	Subtotal	189	756		42314	31736

WEEE Waste	Device	Quantity	Weight (kg)	Processing WEEE	Processing eCO2 Unit (kg)	Total Saving eCO2 (kg)
*	Mobile Devices	3	0.3	4.5	13.5	13.5
*	I.T	223	1030	4.5	1004	1004
	Subtotal	226	1030		1018	1018

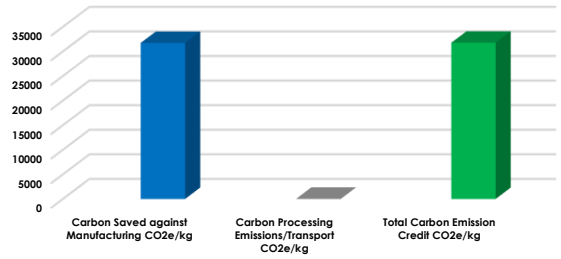
Summary	Weight (kg)	eCO2 kg Emissions Offsetting Summary	
Total WEEE	1030		
Total reuse	756	Carbon Saved against Manufacturing CO2e/kg	31736
Total collection	2178	Carbon Processing Emissions/Transport CO2e/kg	46.2
Total eCO2 processing	0.75	Total Carbon Emission Credit CO2e/kg	31782
Minus eCO2 Saving for reuse (75%)	31736		

ZERO TO LANDFILL

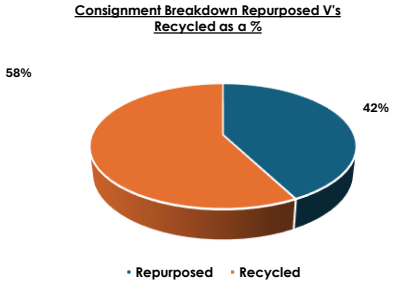
WEEE and Packaging/Storage Breakdown



eCO2 kg Emissions Offsetting Summary



Repurposed v's Recycling breakdown as a %



Total Carbon Emissions (eCO2)	31782 kg	31.8 (tonnes)

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Water Footprint 2026

The following Water Footprint Report calculates the estimated associated water footprint savings though the reuse, regeneration, and recycling of surplus IT. Industry protocols and conversions are applied. The source data for these calculations apply conservative protocols for water used in the manufacturers published Environmental data along

Carbon Report
Water Report
Earth Report
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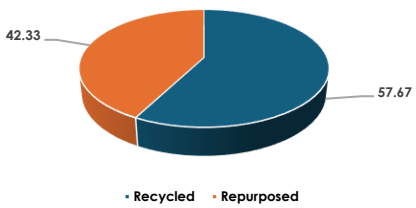
Company Name	Collection Data		(Water per litre/ 1000kg of freight per km)		
	* Vehicle Type	Transport (km)	Total Inbound weight (kg)	Earth Mined per Device - ekgs	Total Earth Mined (et)
	* Standard Van	249.6	2178	1200	
Sample Company	* Electric Vehicle	-		Equipment - Devices	498.0
	* Artic (D)	-			
	* 3.5T (EV) -96km	-		415	

Total Devices		Quantity	Weight (kg)	Processing	New - H20 Unit (l)	Total H20 to manufacture (1)
*	Mobile Devices	30	9.7	Mobile Devices	15000	450000
*	I.T	385	1776.7	I.T	19000	7315000
	Subtotal	415	1786.4	Subtotal		

Reuse Devices		Quantity	Weight (kg)	Manufactured eH20 (kg) per device	Total eH20 (l) to Manufacture	Total eH20 (m3) to Manufacture
*	Mobile Devices	27.0	9.4	15000	405000	405
*	I.T	161.8	746.7	19000	14187300	14187.3
	Subtotal	188.8	756.1		14592300	14592.3

Summary	Weight (kg)	M3 Water Saved from production	Water Savings Total eH20 (m3) to Manufacture
Total reuse	756.1	Water Saved against Manufacturing eH20/kg	14592.3

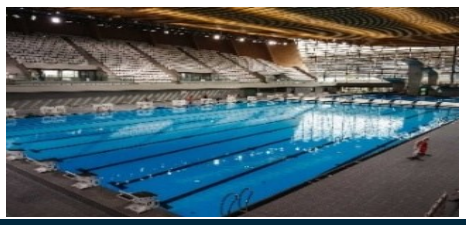
Repurposed v's Recycling as a %



Water Saved

The Water you have saved is enough to fill

5.8 Olympic Swimming Pools !



Earth Not Mined

Recycling Rare Earth Metals helped reduced the need for destructive mining



WASTE TO LANDFILL	WATER SAVING (LTRS)		EARTH DISPLACED (TONNES)
ZERO to landfill	5.8	Olympic Swimming Pools	498.0 Tonnes