Sustainable IT Report

3stepIT

Report prepared for: NTNU - Norges teknisk-naturvitenskapelige universitet
Report issue date: 05 January 2023
Reporting period: 01 January 2022 - 31 December 2022
REstepIT order ID: 25217,25432,25433,25457,25723
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This report summarises your used IT equipment's refurbishment and recycling rates, as well as the e-waste and CO_2 emissions you've avoided thanks to 3stepIT's sustainable services.

E-waste avoided

Product group	Grade A	Grade B	Grade C	Grade D	Grade E	Total	% Refurbished devices (Grade A-D)	Refurbished weight* (Grade A-D)	Recycled weight* (Grade E)
Copier	0	0	0	0	0	0	0 %	0 kg	0 kg
Data	0	0	0	0	0	0	0 %	0 kg	0 kg
Desktop	14	20	1	4	11	50	78 %	297 kg	84 kg
Laptop	0	29	20	9	103	161	36 %	90 kg	159 kg
Monitor	0	2	1	8	0	11	100 %	65 kg	0 kg
Network	1	0	0	0	0	1	100 %	2 kg	0 kg
Phone	0	0	1	0	1	2	50 %	1 kg	1 kg
Point of sales	0	0	0	0	0	0	0 %	0 kg	0 kg
Printer	0	0	0	0	0	0	0 %	0 kg	0 kg
Scanner	0	0	0	0	0	0	0 %	0 kg	0 kg
Server	0	0	0	0	6	6	0 %	0 kg	139 kg
Tablet	0	2	2	5	1	10	90 %	5 kg	1 kg
Total							**49 %**	**460 kg**	**384 kg**

CO_2 equivalent emissions avoided

Product group	Refurbished devices (Grade A-D)	CO_2 kg/device**	Total CO_2 kg
Desktop	39	235 kg	9165 kg
Laptop	58	194 kg	11252 kg
Monitor	11	312 kg	3432 kg
Phone	1	50 kg	50 kg
Tablet	9	121 kg	1089 kg
Total CO_2 equivalent emissions avoided			**24988 kg**

Appendix: E-waste and CO_2 emissions calculation methodology

We classify used IT devices into five categories, from A to E, based on the physical and functional condition of the equipment. Grade A-D devices are refurbished for reuse, grade E devices are recycled in an environmentally friendly manner by our certified partners.

*E-waste impact

The e-waste avoidance calculation is reported per product group and is based on the median weight of the most popular models we process within each group.

The median weight of each product group is as below:

Product group	Median weight (kg)
Copier	85,10 kg
Data projector	5,00 kg
Desktop	7,60 kg
Laptop	1,54 kg
Monitor	5,90 kg
Network	1,04 kg
Phone	0,14 kg
Point of sales	7,25 kg
Printer	10,40 kg
Scanner	2,34 kg
Server	23,13 kg
Tablet	0,47 kg

** CO_2 impact

There are many factors that contribute to the carbon footprint of an IT device over its lifetime. This includes the manufacturing process, packaging, shipping, and end-of-life disposal. At 3stepIT, we offer practical solutions that can measurably reduce your carbon footprint.

Our circular approach eliminates the need to manufacture a new device and provides CO_2 savings which are equivalent to the carbon footprint of manufacturing a single product.

We calculate CO_2 avoidance by measuring the median CO_2 emissions for each product group. We base this on manufacturer data for the most popular devices we process within each product group.

Example calculation for a phone:

CO_2	Manufacture	Transport	Use	Recycle
Phone	78 %	3 %	18 %	1 %
65 kg	50 kg	2 kg	12 kg	1 kg

Links to manufacturer data:

HP

Dell

Apple

Lenovo

Fujitsu

Better for business
Better for the planet

3stepIT

The use and production of IT equipment requires raw materials, energy as well as ensuring compliant end-of-life treatment. Thus, it's important for organisations to also include sustainability aspects in their procurement process, along with financial and technical criteria.

At 3stepIT, we help customers to switch to a sustainable IT consumption model which is rooted in the principles of the circular economy. Our Technology Lifecycle Management and REstepIT solutions are designed to make it simple for businesses to dispose end-of-life devices in a secure and sustainable way that minimises waste, reduces CO2 emissions and promotes material reuse.

Our approach:
- releases value from old technology whilst minimising e-waste and carbon footprint
- provides affordable access to technology in second life while reducing the need for a new manufacture
- A strong circular economy ecosystem helps to preserve Earth's finite resources