

# Sustainable IT Report

**Report prepared for:** IKOMM AS

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**REstepIT order ID:**

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This report summarises your used IT equipment's refurbishment and recycling rates, as well as the e-waste and CO<sub>2</sub> 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	35	61	5	1	14	116	88 %	776 kg	107 kg
Laptop	7	790	677	81	73	1628	96 %	2395 kg	113 kg
Monitor	16	5	7	0	16	44	64 %	166 kg	95 kg
Network	9	3	1	0	30	43	30 %	14 kg	32 kg
Phone	0	0	0	0	0	0	0 %	0 kg	0 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	3	2	0	3	1	9	89 %	186 kg	24 kg
Tablet	20	286	518	20	5	849	99 %	397 kg	3 kg
<b>Total</b>							<b>95 %</b>	<b>3934 kg</b>	<b>374 kg</b>

**CO<sub>2</sub> equivalent emissions avoided**

<b>Product group</b>	<b>Refurbished devices (Grade A-D)</b>	<b>CO<sub>2</sub> kg/device**</b>	<b>Total CO<sub>2</sub> kg</b>
Desktop	102	235 kg	23970 kg
Laptop	1555	194 kg	301670 kg
Monitor	28	312 kg	8736 kg
Phone	0	50 kg	0 kg
Tablet	844	121 kg	102124 kg
<b>Total CO<sub>2</sub> equivalent emissions avoided</b>			<b>436500 kg</b>

## Appendix: E-waste and CO<sub>2</sub> 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<sub>2</sub> 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<sub>2</sub> savings which are equivalent to the carbon footprint of manufacturing a single product.

We calculate CO<sub>2</sub> avoidance by measuring the median CO<sub>2</sub> 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 <sub>2</sub>	Manufacture	Transport	Use	Recycle
Phone	<b>78 %</b>	3 %	18 %	1 %
65 kg	<b>50 kg</b>	2 kg	12 kg	1 kg

#### Links to manufacturer data:

[HP](#)

[Dell](#)

[Apple](#)

[Lenovo](#)

[Fujitsu](#)

# Better for business Better for the planet



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