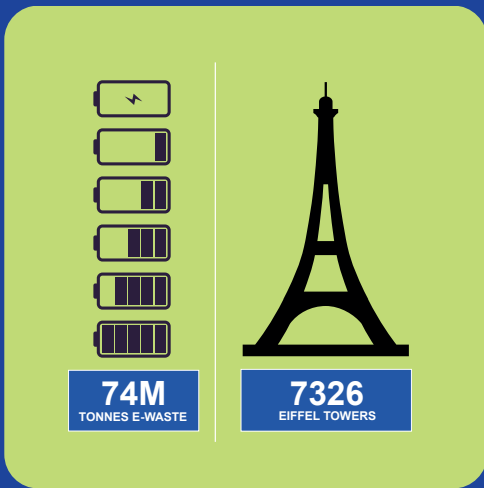# INGRAM MICRO®
LIFECYCLE

BE SMARTER ABOUT
TECHNOLOGY
MAKE SUSTAINABLE CHANGES

Ingram Micro Lifecycle is proud to assist customers in adopting a circular economy for technology, ultimately reducing the amount of electronic equipment that becomes e-waste through lifecycle extension.

What is e-waste?

E-waste is an object that houses a battery or has a plug that has been discarded. This electronic waste is toxic or hazardous to the environment if left to decay and break down. It's expected that by 2030, 74 million tonnes of e-waste will have been produced globally[1] - that's equivalent to the weight of 7326 Eiffel Towers.

The estimated remaining e-waste in the world weighs 374 Mt[2] – when converted to iPhone 13s and laid out end-to-end, it would wrap around the earth more than 7 times.

74M
TONNES E-WASTE

7326
EIFFEL TOWERS

A circular economy reduces e-waste

While not a silver bullet, adopting a circular economy for electronics is a step in the right direction. To prevent damaging the environment, unregulated e-waste practices, or unnecessary storage, lifecycle extension is the answer. When the useability of a device degrades or it becomes unwanted, its life can be extended via refurbishment or repair to send it back into circulation rather than into e-waste.

Here are some key areas where Ingram Micro Lifecycle focuses on extending the lifecycle of our customers' devices; some you may already be aware of but some may surprise you.

You know we repair and refurbish devices, but did you also know...

Our depot programme is an efficient process designed to manage your device portfolio. A replacement is sent out in advance and exchanged with the asset which is in need of some TLC. Our high-tech repair and refurbishment capabilities ensure we maximise the repair yield on technology rather than resigning it to e-waste. After repair and refurbishment, devices are put back into stock or into storage in our warehouse, until needed. You have complete visibility of your devices by make, model and serial number, and can call them off whenever needed to start the next chapter in their extended life.

REFURBISH REPAIR RECYCLE

You know we offer trade-in, but did you also know...

We have a GREAT recommerce team. OEMs, Operators and MVNOs are seeing an increase in refurbished devices sold.

In the UK, 45% of consumers are now more likely to use refurbished technology – 35% have already done so[3]. Giffgaff reported earlier in the year that refurbished phones make up a third of those in circulation and over 60% of all their phones sold in 2021 were secondhand[4]. This provides a great opportunity for both commercial and consumer users to trade in their own devices with the added benefit of knowing that their traded-in devices will be refurbished and put back into the market rather than contributing to e-waste.

Each traded-in device is subjected to our rigorous cosmetic and functional assessment to determine the level of refurbishment needed to increase the re-sale value. We are providing increas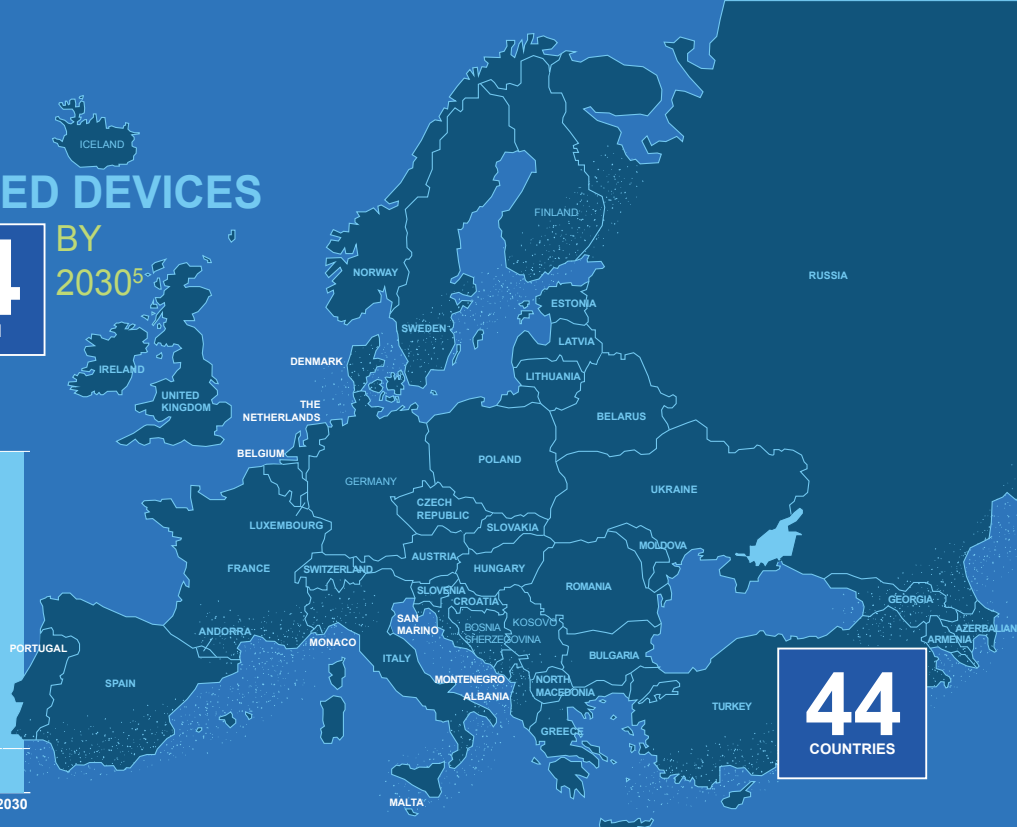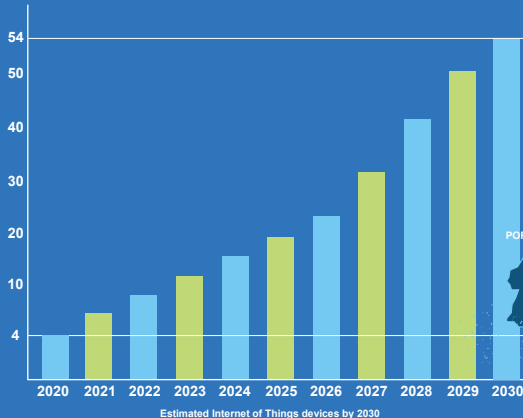ed recovery of damaged devices, making them ready for reuse, extending the lifecycle and reducing potential e-waste. Using our specialised industrial-scale polishing process, we are able to uplift damaged but repairable B&C grades to Grade A devices.

CERTIFIED CERTIFIED

LIFECYCLE EXTENDED

REDUCTION IN E-WASTE

E-WASTE

IN EUROPE

NUMBER OF CONNECTED DEVICES

EXPECTED RISE FROM **4** MILLION **TO** **54** MILLION BY 2030[5]

54
50
40
30
20
10
4

2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

Estimated Internet of Things devices by 2030

ICELAND

FINLAND

NORWAY

RUSSIA

SWEDEN

ESTONIA

LATVIA

DENMARK

LITHUANIA

IRELAND

UNITED KINGDOM

THE NETHERLANDS

BELARUS

BELGIUM

POLAND

GERMANY

UKRAINE

LUXEMBOURG

CZECH REPUBLIC

SLOVAKIA

MOLDOVA

FRANCE

SWITZERLAND

AUSTRIA

HUNGARY

ROMANIA

SLOVENIA

GEORGIA

CROATIA

SAN MARINO

BOSNIA SHERZEGOVINA

KOSOVO

AZERBAIJAN

ANDORRA

MONACO

ITALY

ARMENIA

PORTUGAL

MONTENEGRO

BULGARIA

ALBANIA

NORTH MACEDONIA

TURKEY

SPAIN

GREECE

44 COUNTRIES

MALTA

You know you can buy new technology, but did you also know...

There's a shift to leasing. We support customers who offer DaaS (Device as a Service) by providing in-life support of leased or rented devices, successfully keeping devices with the end user for longer. Through our technical support, the lifecycle of tens of thousands of devices is extended, both while under contract and at the end of the lease period.

What is DaaS

This is where technology can be leased instead of purchased outright. You may perhaps think of mobile phones being leased from a network operator or retailer, but DaaS extends to most electrical items, including gaming technology, kitchen appliances and more.

At the end of each contract, we support with refurbishment services ahead of the device being leased out again or sold into a secondary market. This process prolongs the lifecycle of the device and keeps it from landfill.

The future is calling: how can you reduce your e-waste

Evaluate your technology usage and processing. Perhaps it's a case of out of sight, out of mind, but discarded devices leave a mark on the environment– and any abandoned data-bearing devices can risk data security too if not disposed of properly and securely! Outsource your asset management and improve your operational, financial and waste efficiencies by considering the circular economy model.

Ingram Micro Lifecycle enables a circular economy for our customers through device:

- Trade-in and recommerce
- Value uplift and polishing
- Screening and lifecycle extension
- Value recovery and asset management
- In-life support

Remarketing

Configuration & Fulfillment

IT Asset Disposition

Returns Management

010001
10100

Asset Management

Repair & Refurbishment

Trade-In & Buy Back

References

1 https://www.independent.co.uk/climate-change/news/electronic-waste-pollution-recycling-phones-b1937904.html

2 https://theroundup.org/global-e-waste-statistics/

3 https://www.techdigest.tv/2022/06/brits-could-save-200-buying-second-hand-phone-claims-report.html

4 https://www.giffgaff.com/blog/2022-refurbished-phones-trend/

5 https://www.statista.com/statistics/1259892/iot-devices-offered-as-a-service-worldwide-by-region/

Get in touch: LifecycleMarketing@ingrammicro.com