

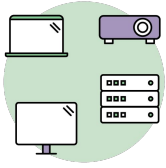


Low Carbon Procurement

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TCO Development



Like an ecolabel but so much more



Global sustainability certification for IT products

Trusted by purchasers around the world.



Environmental and social criteria with direct impact

Criteria go beyond legislation and are updated every three years.

All criteria are mandatory.



20,000 hours of independent verification each year

Verification is mandatory and continuous – carried out both before and after certification.



We detect issues – and make sure that they are solved

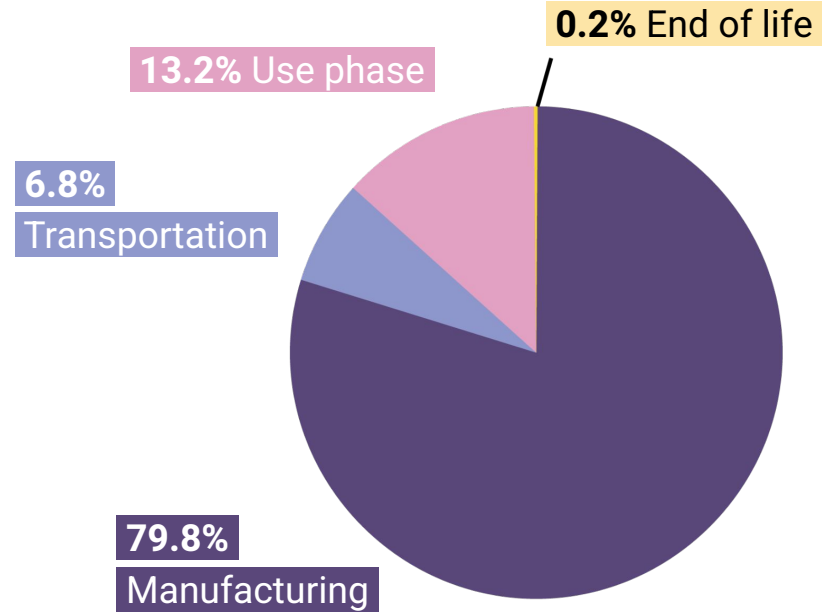
Holding industry accountable. Non-compliance is met with real consequences.



**80% of emissions stem
from the supply chain!**

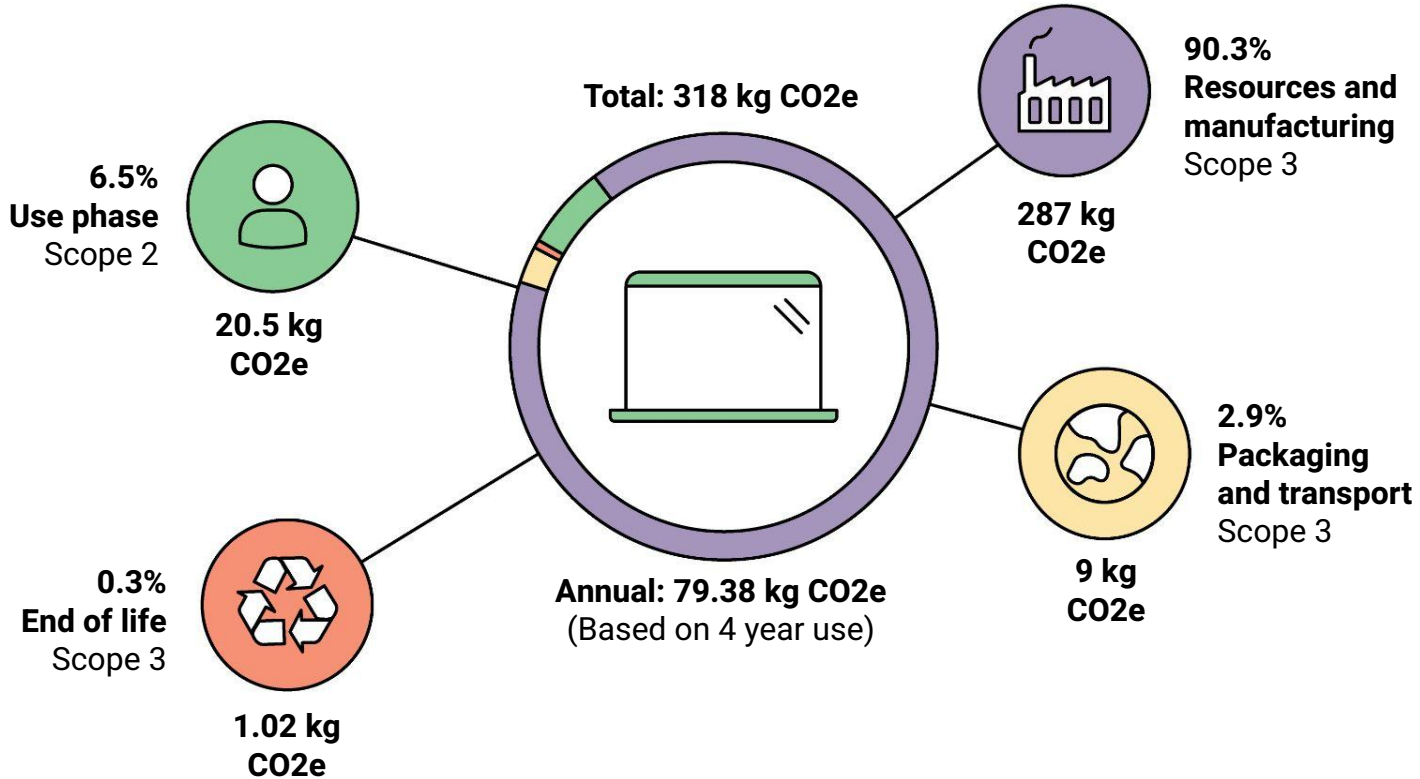


**Emissions by life cycle phase,
notebooks (%)**



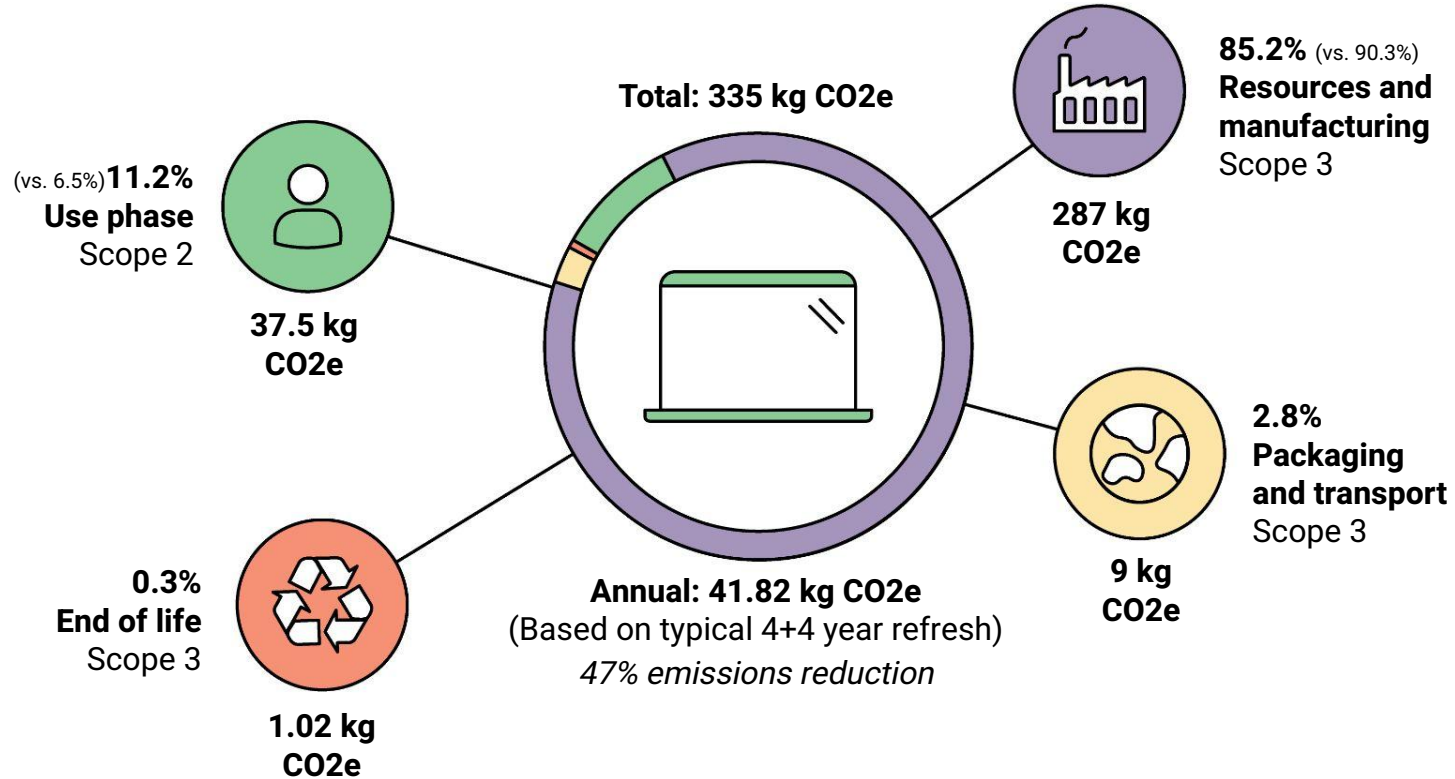
Understanding ICT Environmental Impacts

– Example standard Laptop 4 year lifecycle



Understanding ICT Environmental Impacts

– Example *re-purposed* Laptop 8 year lifecycle



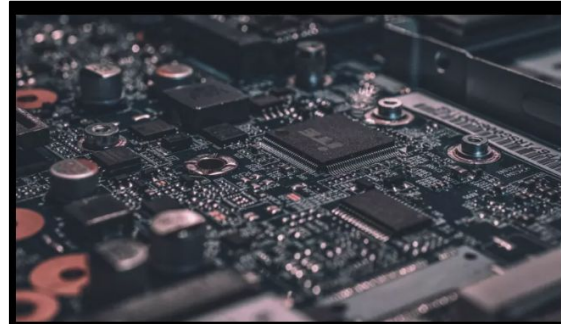
Yet, there are still E-waste to be handled!



Our old electronics are creating a mountain of e-waste heavier than the Great Wall of China

A new report shows that consumers are still forgetting to recycle their old devices. It comes with a huge carbon footprint. Read more: <https://zd.net/3bJC5qj>

October 28, 2021



5 billion cell phones will become e-waste this year

Paige Bennett

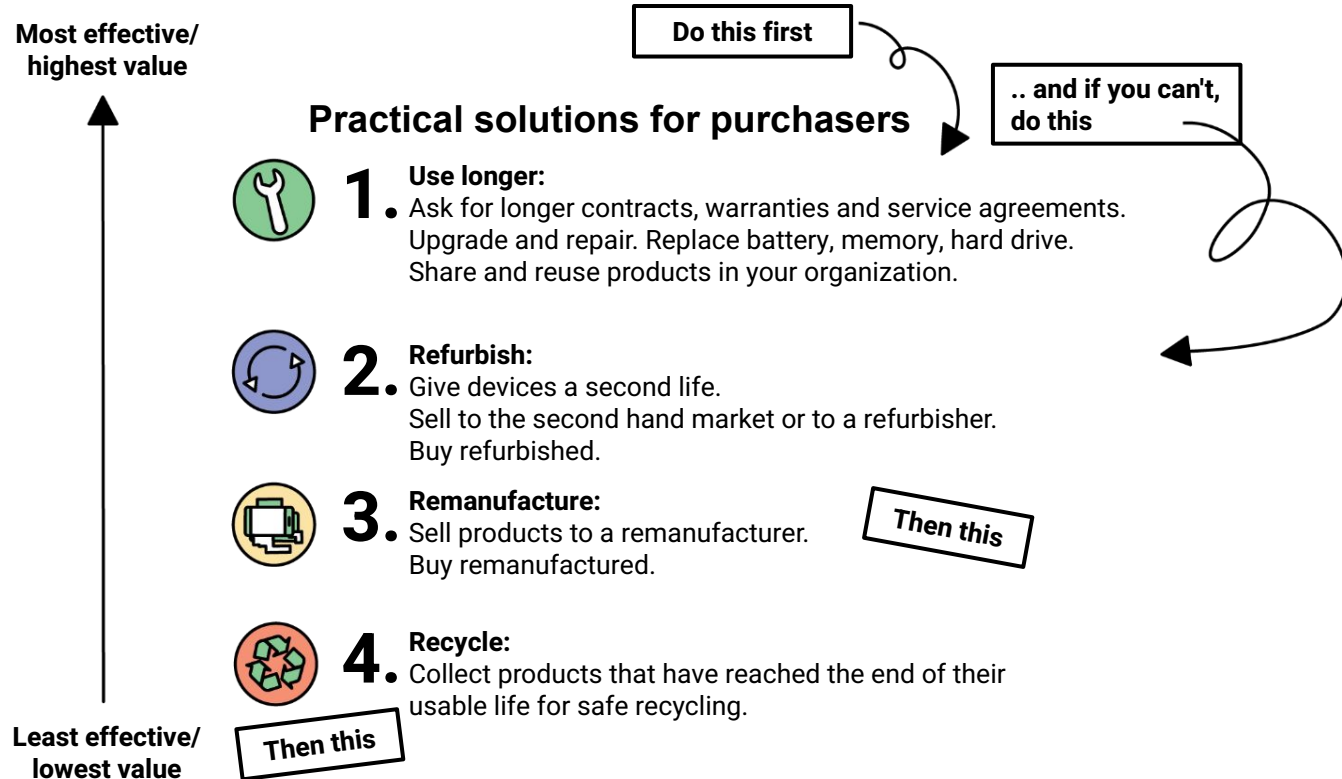
October 20, 2022

FORBES > TECH

30% Of Servers Are Sitting "Comatose" According To Research



Enabling a more circular approach...



The key to low carbon procurement...

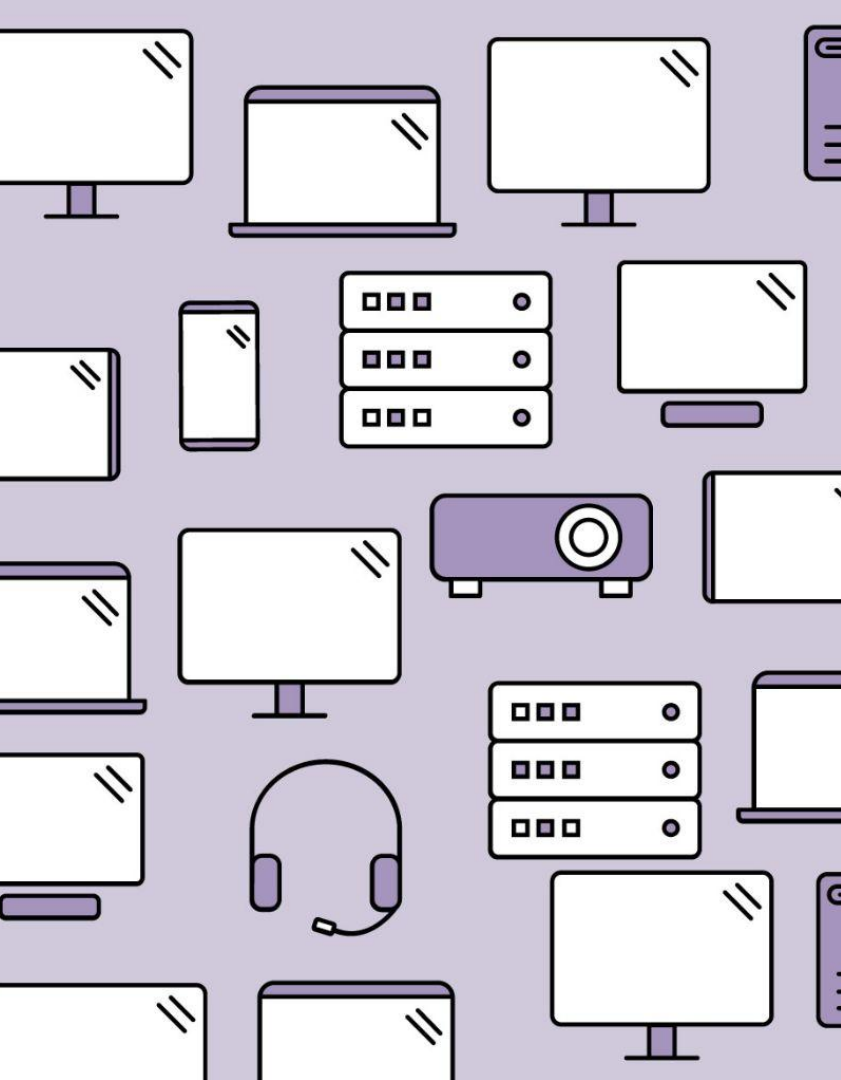
Less repeating of the manufacturing phase...

- Use the products longer (longer warranty period, including Operating System support)
- Purchase for the needs, not for the new (refurbished products may serve your needs just as fine)
- Be responsible for the last mile or a new page (turn your trash into gold for someone else)
- Orient to a less hardware-heavy environment (use more 3rd party or cloud service)

IF you have to buy new...

- Ask for a longer warranty and repair period, including software and OS support
- Set up challenging procurement criteria with sustainability focus (refer to criteria from ecolabels)
- Extend and track the manufacturer's responsibility (take-back, second life guarantee...)
- Using products/services that are manufactured responsibly and powered by renewable energy





Questions

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