



Greening IT Lifecycles



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Ulster County
Information Services

Project Goal

Climate Action Plan action BF-7

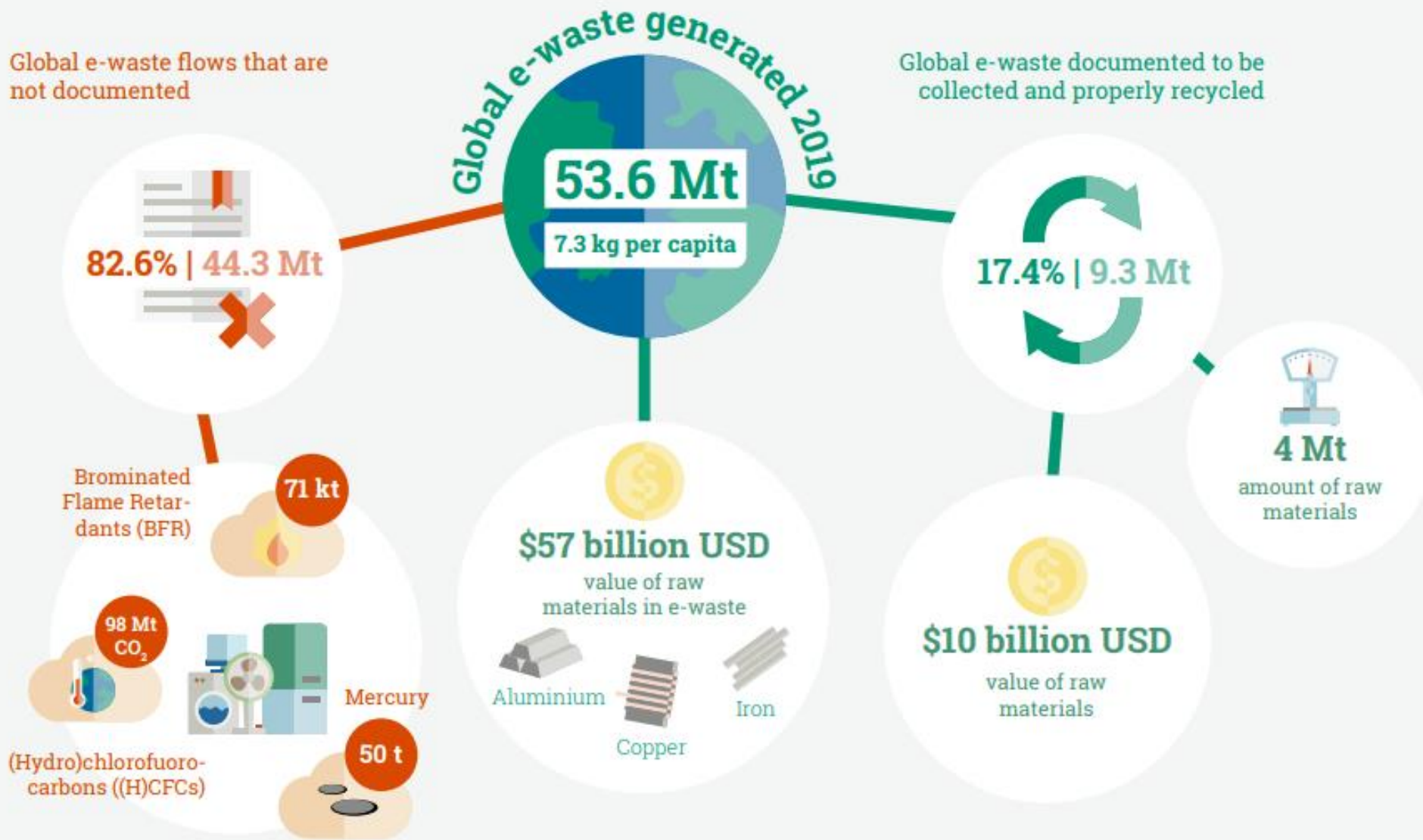
- "to implement policies and procedures for energy efficiency in office equipment"
- "research and help to implement best practices for equipment disposal at the end-of-life"

End-of-Life and E-Waste

- A unit's lifecycle is the amount of time before the manufacturer stops supporting it
- End-of-Life (EOL) means that the lifecycle has ended and the County can no longer continue using the unit
- E-Waste is electronic waste, including computers, laptops, phones, keyboards, vacuums, etc.
- About 17% of e-waste is managed properly—the rest ends up in landfills with very dangerous chemicals and precious metals that could be recovered through proper recycling

Global e-waste flows that are not documented

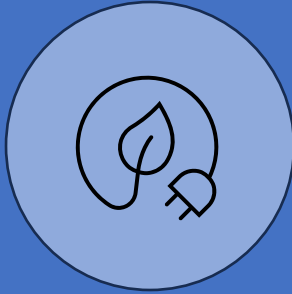
Global e-waste documented to be collected and properly recycled



Reuse/Repurpose Before Recycle



Extending the
useful life of
equipment



Saving energy
and reducing
pollution



Reducing
wasteful
manufacturing
and
purchasing

GOOD

- Ulster County recycles their e-waste responsibly
- Follows green procurement policies to obtain and use sustainable, energy-efficient IT equipment

BETTER

- Ulster County repurposes EOL equipment and extends lifecycles
- Non-functioning equipment is recycled properly

BEST

- Ulster County repurposes EOL equipment and extends lifecycles within the county
- Repurposed equipment is used to promote social justice, climate justice, digital equity, etc.

Data Security

How does the County protect its sensitive data?

Legality

What policies/procedures would allow or bar repurposing County equipment?

Cost

How can this be done in a way that best utilizes taxpayer dollars?

Organizations with Solutions



pcsforpeople



human-i-t

- Sustainability
 - Reuse
 - Recycle
- Digital Equity

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Internship Takeaways



Knowledge



Skills



Experience

A server rack with blue and yellow bokeh lights in the background.

Thank You!
Questions?