- Smart recycling bins (reward systems, smart sorting, etc) https://max-r.com/waste-and-recycling-bins/e-cyclers/

https://www.ucl.ac.uk/sustainable/news/2025/jul/tech-treasure-new-e-waste-recycling-bins-launched-ucl

-Biodegradable electronics (promising research!) https://www.scientificamerican.com/article/this-robot-copies-life-by-decomposing/

 - Modular smartphones (why throw them away when you could swap out components?) https://busenq.com/modular-smartphones-a-key-strategy-to-tackle-the-e-waste-surge/

- Urban e-waste drones (drones that pick up discarded electronics from households or from the streets!) https://www.feds.group/blog/eco-friendly-drones-sustainable-solutions-for-urban-waste-management

- https://esmartrecycling.com/blog/how-drones-help-manage-e-waste-in-large-companies

- Self-repair AI Assistant apps (AI powered apps to guide you through repairs!) https://dev.to/abraham_yakubu/diy-ai-fix-it-a-conversational-assistant-for-household-repairs-4b15

- Self-Healing Electronics https://www.azom.com/article.aspx?ArticleID=24807