



E-Waste

Definition: *“End-of-life electronic products including computers, printers, photocopy machines, television sets, mobile phones, and toys, which are made of sophisticated blends of plastics, metals, among other materials”*
 (Orlins & Guan 2016, pg. 71, quoting Wong et al. 2007)



E-Waste Disposal



Lagos, Nigeria



China



"Only 25% of all e-waste is accounted for and recycled safely by official means, the remaining 75% is lost in the illegal e-waste stream" (Orlins et al, 71).

Unsustainable Systems – The Production of E-Waste

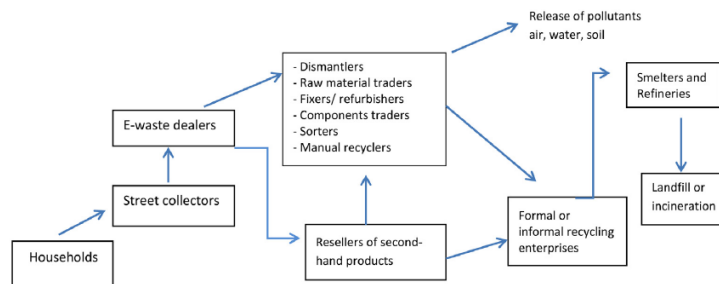


Fig. 1. Simplified flow chart of informal waste process in Beijing.
Source: Chi et al, 2011.

Story of Stuff Video Link:
https://www.youtube.com/watch?v=sW_7i6T_H78

While watching, look out for the concepts:

- Unsustainable materials economy
- Designed for the Dump
- Externalities
- Planned Obsolescence

Article Discussion Part 1: Research Methods



1. What Research Methods do the authors use to collect data in the article?
2. Are there any drawbacks to their research methods?
3. What do you think could strengthen this research?

Discussion:

Based on the article & video, discuss the following questions:

- **Why is it difficult to regulate the informal E-Waste market?**
- **Why do people choose to work in the dangerous E-Waste informal sector?**
- **Why do E-Waste workers not want more regulations?**
- **What do you think China and other countries should do to improve the working conditions of E-Waste workers? And help make E-Waste less harmful to the environment?**
- **What do these issues say about Market Response Environmentalism & Neoliberalism more broadly?**
 - Clearly market principles are at work here, but who is it benefiting?
- **What would Marx have to say about this? What about Leopold?**