

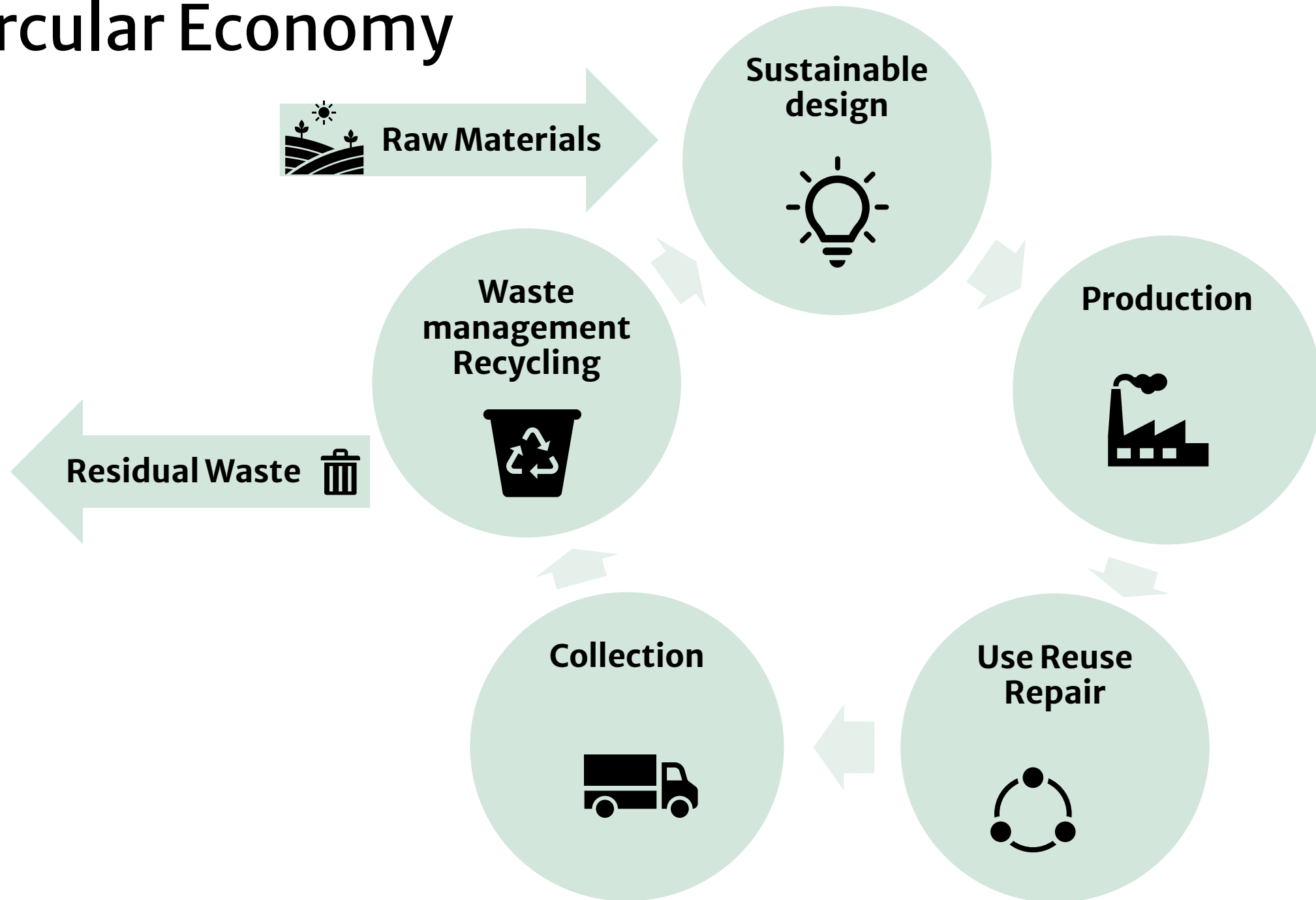


# KAMMARKOLLEGIET

**Circular Criteria when Procuring New and Used IT Hardware**

**Kathleen McCaughey**

# Circular Economy



# Procuring New IT Devices





# Long Lifespan

- Quality
- Robustness
- Modularity
- Repairability
- Availability of spare parts
- Long term support and service
- Swap-repair service
- Longer warranties for devices and batteries (>3 years)
- Standardized USB Type C connectors

# Other Sustainability Criteria



- Certificates such as TCO Certified, EPEAT, Blue Angel, Energy Star
- Code of conduct and due diligence
- LCA Life Cycle assessment based on ISO 14040/14044
- Reasonable lead times for delivery reduces CO2 emissions from transportation and the risk of excessive overtime in the supply chains.

# Procuring Used and Refurbished Laptops and Phones



# Why procure refurbished?

- It saves money
- It reduces CO2 emissions
- It reduces e-waste
- Less natural resources like minerals and oil with associated human rights risks

# Criteria

- Security: data wiping and its documentation
- Software/operational/security updates and upgrades
- Warranty: ask for a 2–3 years warranty for refurbished laptops
- Cleaned
- Tested
- After use: reallocation, take-back, repair, recycling



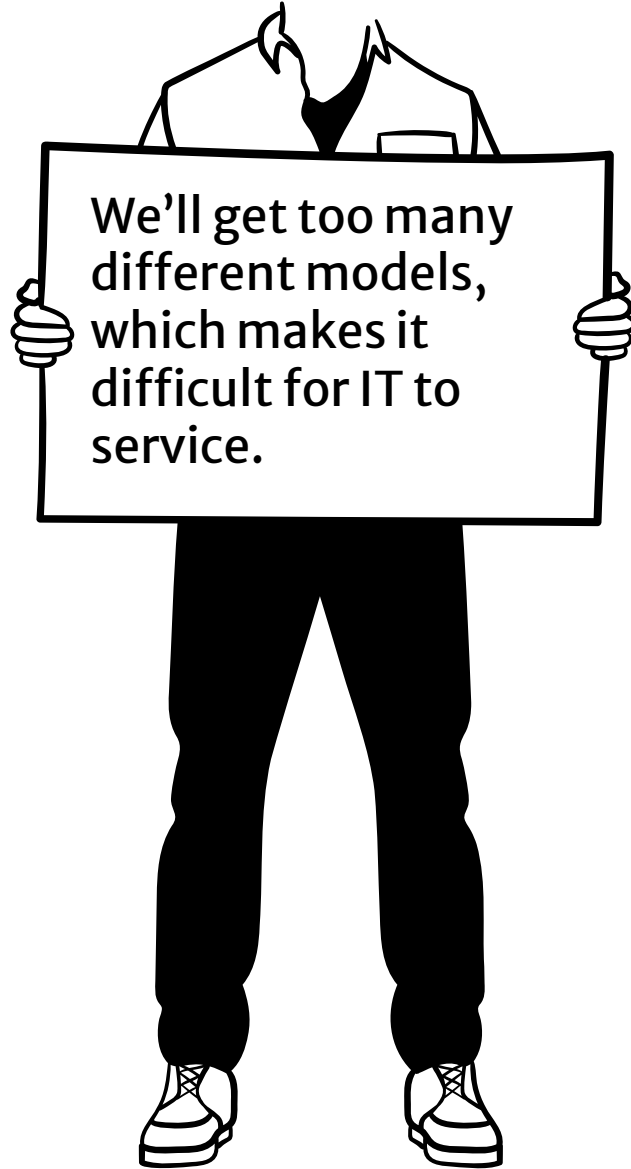


# Questions for Market Dialogue

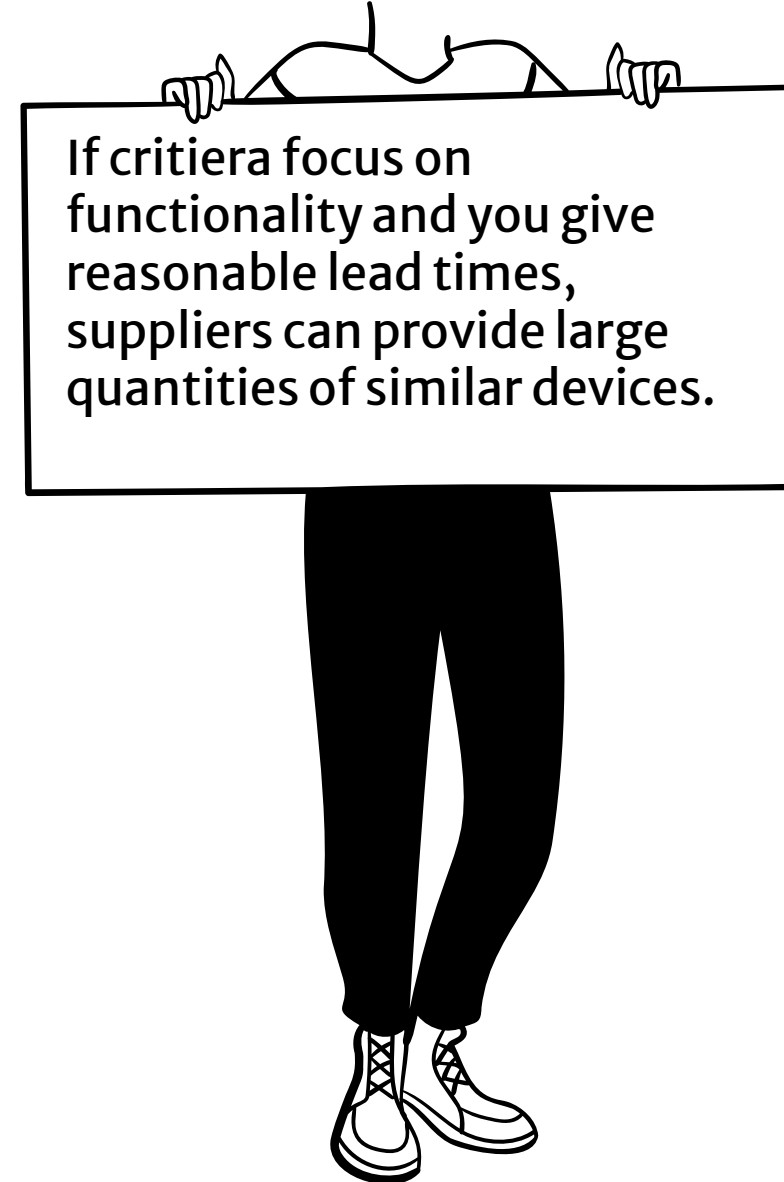


- Can they offer products that meet the sustainability criteria?
- How long can the refurbished devices receive software updates?
- How do they exercise due diligence in the supply chains?
- How does the take back process work?
- What are the financial incentives for resellers? For longer lifespan? For refurbished?

## Myth



## Truth



## Myth



## Truth

