

For medical technology providers, improving the environmental friendliness of their products can be a strong competitive advantage.

- Negative environmental impacts
- Positive environmental alternatives



Rare Earth Metals

- Land, air and water pollution
- Land erosion
- Recycling of rare metals from disposed medical devices
- Alternative, non-rare materials



Electricity Consumption

- Some medical devices are very energy-intensive.
- More efficient product design, to use less electricity without compromising patient health
- Usage trainings for caregivers



Disposables

- Disposable products are used for a few hours but take hundreds of years to biodegrade.
- Research alternatives, such as plant-based plastics
- Educate customers on sterilization options



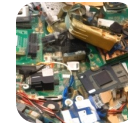
Transportation

- Transportation of raw materials, components and finished products is usually carried out using conventional fuels.
- Shippers can order the use of renewable fuels for an extra fee.



Repairability & Maintenance

- Often, devices and products are disposed of because of a simple, fixable issue.
- Products should be designed for simple repairs, frequent maintenance and long life spans.



Electronic Waste

- Electronic devices may contain rare metals, toxic chemicals plastics...
- Develop takeback programs
- Incentivize customers to recycle