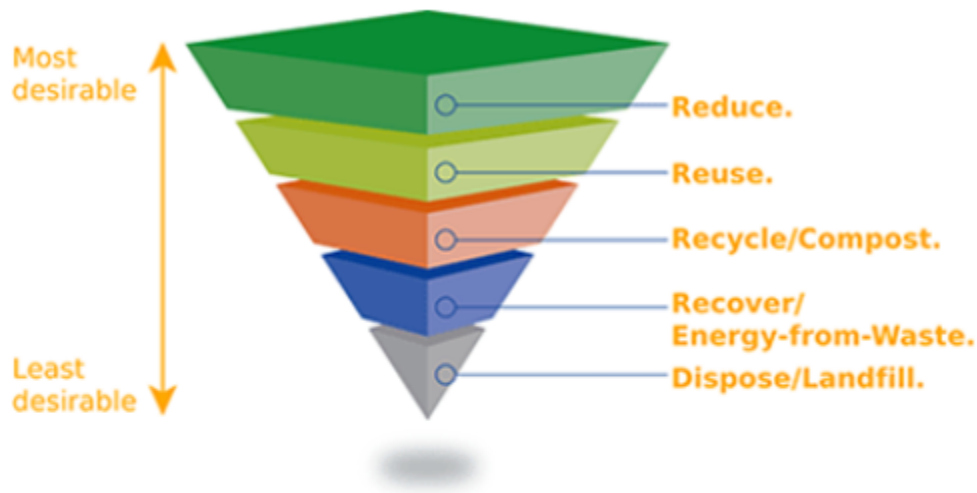


What is reduce, reuse, recycle (R3)?

Reduce, reuse and recycle (R3) are the three essential components of environmentally-responsible consumer behavior.

Understanding the Waste Hierarchy



The waste hierarchy identifies five waste management activities in descending order of preference. The preferred activity is waste reduction; the least desirable is landfill disposal. The European Union and the **United States Environmental Protection Agency** have each concluded that municipal solid waste, if managed according to the waste hierarchy, can help to maximize energy savings and minimize greenhouse gas emissions.

After "Reduce, Reuse, Recycle" we add the fourth "R" to represent the **RECOVERY** of energy from residual waste, which is preferred over landfill disposal. Using waste as a fuel, Energy-from-Waste (EfW) or Waste-to-Energy (WTE) technology recovers energy from residual waste to generate renewable energy.

Website Link:

<http://www.covantaenergy.com/what-we-do/energy-from-waste/waste-hierarchy.aspx>