



Sarah Scott
Head of Site
Environmental Health and Safety
Covidien, Mallinckrodt
Pharmaceuticals
Raleigh, NC

What is Sustainability

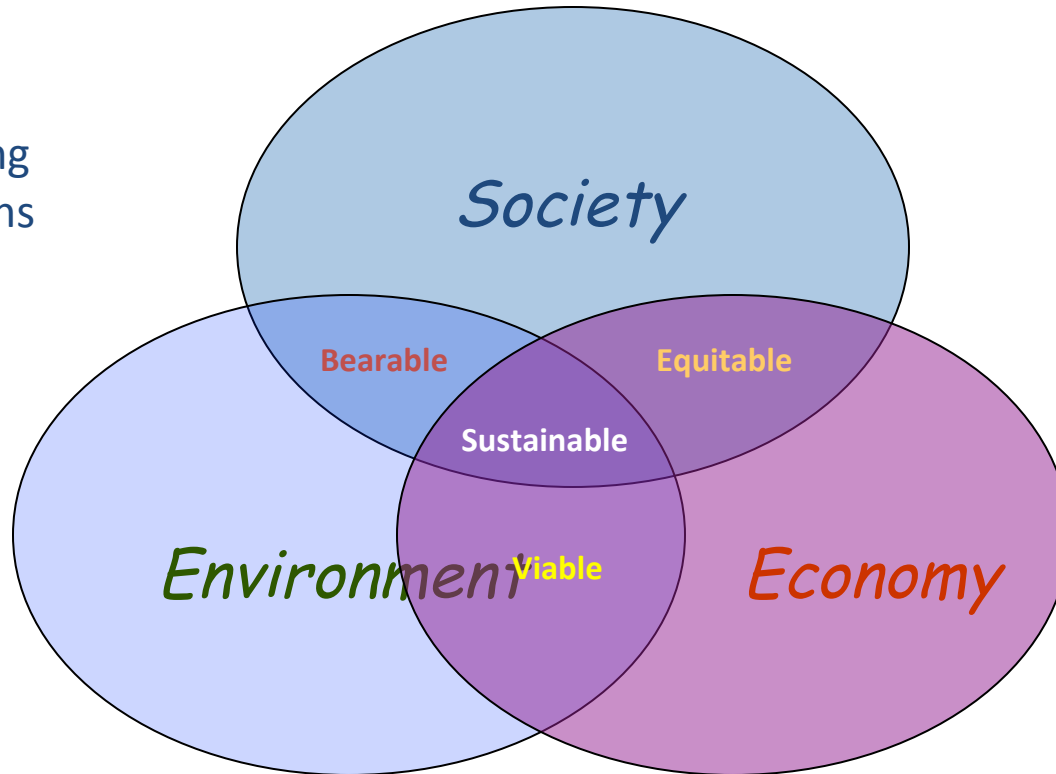
EPA's definition

Sustainability is based on a simple principle: Everything that we need for our survival and well-being depends, either directly or indirectly, on our natural environment. Sustainability creates and maintains the conditions under which humans and nature can exist in productive harmony, that permit fulfilling the social, economic and other requirements of present and future generations.

Sustainability is important to making sure that we have and will continue to have, the water, materials, and resources to protect human health and our environment.

Sustainability

Mutually
Reinforcing
Dimensions



Examples of Sustainability

Landfill Gas Boiler- Community/Business/Environmental

Plant burns landfill gas from adjoining landfill to produce steam for the plant's needs otherwise the gas would have to be flared at the landfill.

Wastewater- Community/Environmental/Business

The City was experiencing a drought, and ask businesses to conserve water. One plant discharges rejected process water to sewer and pays a fee. A nearby plant reclaims the water. It is pumped to the boilers and cooling towers as make up water, conserving fresh water.

Steam for Sterilizer- Business/Environment/Community

Excess boiler steam capacity from one plant is sent by pipeline to another plant saving natural gas boiler and emissions.

Other Examples of Sustainability

Recycle/ Reuse of By Products

Recycle typical waste streams- paper, plastics, wood, metals

Recycle of Process -Catalyst

Reuse of Acids

Reuse of other by products

Land Applications/ Composting

We strive to make sustainability a part of our culture. It drives environmental protection by drawing on advances in science and technology and it protects human health, the environment and our bottom line.