

## Four Sustainability Principles:

### 1. Reduce Dependence on fossil fuels and underground metals and minerals.

Unchecked increases of such substances in natural systems will eventually cause concentrations to reach limits – as yet unknown – at which irreversible changes for human health and the environment will occur and life as we know it may not be possible.

### 2. Reduce dependence on synthetic chemicals and other manufactured substances that can accumulate in nature.

Same as above

### 3. Reduce encroachment upon nature and dependence on activities that harm life sustaining eco-systems.

The health and prosperity of humans, communities, and the Earth depend upon the capacity of Nature and its ecosystems to reconcentrate and restructure wastes into new resources

### 4. Meet present and future human needs fairly and efficiently.

Fair and efficient use of resources in meeting human needs is necessary to achieve social stability and cooperation for achieving the goals of the first three guiding principles.