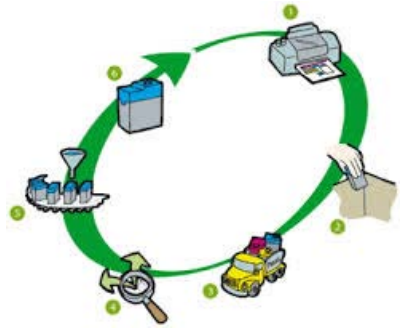


Recycling: This is the process to change waste in to new products i.e., useful materials. It reduces the use of raw materials, reduces energy usage, reduces pollution and lowers greenhouse gas emissions. Recycling is one of the most feel-good and useful environmental practices around.



Remanufacturing: It is a process by which previously sold, worn, or non-functional product or component is returned to a “like-new” or



“better-than-new” condition and warranted in performance level and quality. Remanufacturing is not the same as “recycling” or “repairing”.



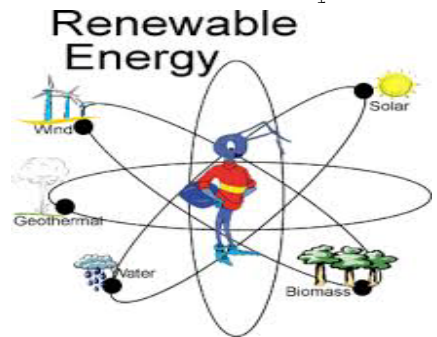
Renewable energy:



When its source cannot run out (like the sun) or can easily be replaced (like wood, as we can plant trees to



use for energy). It exists freely in nature infinitely. Renewable energy resources are always available to be tapped. This is why some people call it Green Energy.



Smog: In today's context smog is a mixture of pollutants.



The term "smog" was first used during the early 1900's in London to



describe a mixture of smoke and fog. Smog can lead to lung irritation, asthma, emphysema, and other health problems.

Solar Collector: It captures the sun's energy in the form of radiation and converts it to heat,



which is then



used to warm water or indoor air. It is also used for producing steam to generate electricity.

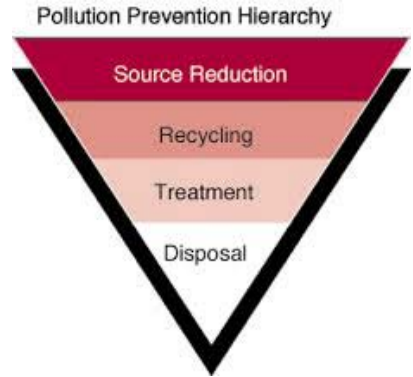
Solar Energy: Energy derived from the sun. Solar energy can be extracted either by Solar Thermal or using Photovoltaic (PV) Cells. These PV Cells transform the sun's rays into



usable electricity. Solar thermal processes can be used to heat water. Solar energy is the most readily

available source of energy and free.

Source Reduction: It implies reducing waste at its original source. Sometimes it is also



called waste minimization. It is simply creating less waste. It reduces the volume or toxicity of waste at the source by changing the process-design, manufacture, sale, purchase and use of products and packaging.

Sustainable Development: Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.



Wastewater: Wastewater is water



containing
wastes from
residential,



commercial, and industrial processes.

Wind Energy: Energy derived from the wind. This is collected from motion caused by heavy winds. Wind is a source of renewable energy.



Wind power: Form of energy conversion in which



turbines convert the kinetic energy of wind into mechanical or electrical energy that can be used for power.