THE BIG PICTURE

SUSTAINABILITY

RENEWABLE RESOURCES

Description

Renewable energy is made from resources that Mother Nature will replace, like wind, water and sunshine.

Renewable energy is also called "clean energy" or "green power" because it doesn't pollute the air or the water.

- Wind
- Solar
- Hydro
- Geothermal
- Biomass

NON-RENEWABLE RESOURCES

Description

Fossil fuels are non-renewable because they will run out one day. Burning fossil fuels generates greenhouse gases and relying on them for energy generation is unsustainable. (finite)

- Coal
- Oil
- Gas

THE 6 R'S AND DEFINITIONS

- Reduce: is it possible to reduce the amount of materials used when making the product?
- Reuse: could the product have another use? Could its parts be used in other products?
- Recycle: recycled materials used? Is product made from materials that are easy to recycle?
- Rethink: is there a better way to solve problem that is less damaging to the environment?
- Repair: If the product breaks can it be easily fixed without throwing away?
- Refuse: not accepting things that are not good for the environment. Is packaging needed?

CARBON FOOTPRINT

This term is used to denote the amount of carbon dioxide produced by your daily activities and use of material goods. Since CO2 is the most common of the greenhouse gases, you can determine your personal participation in Global Warming. you can prevent global warming, simply by changing some of your habits.

LIFE-CYCLE ANALYSIS

Life-cycle assessment (LCA, also known as life-cycle analysis, ecobalance, and cradle-to-grave analysis) is a technique to assess environmental impacts associated with all the stages of a product's life from cradle to grave. Each stage of the the LCA is below...

1. Raw materials
2. Manufacturing
3. Transportation (Kinder Egg)
4. Installation
5. Use (car)
6. Maintenance
7. Disposal
8. Landfill

SYMBOLS

FSC

Recycle plastic

Recycle steel

Recycle aluminium

Carbon footprint

Recycle glass

Name

THE BIG PICTURE

Description

Description

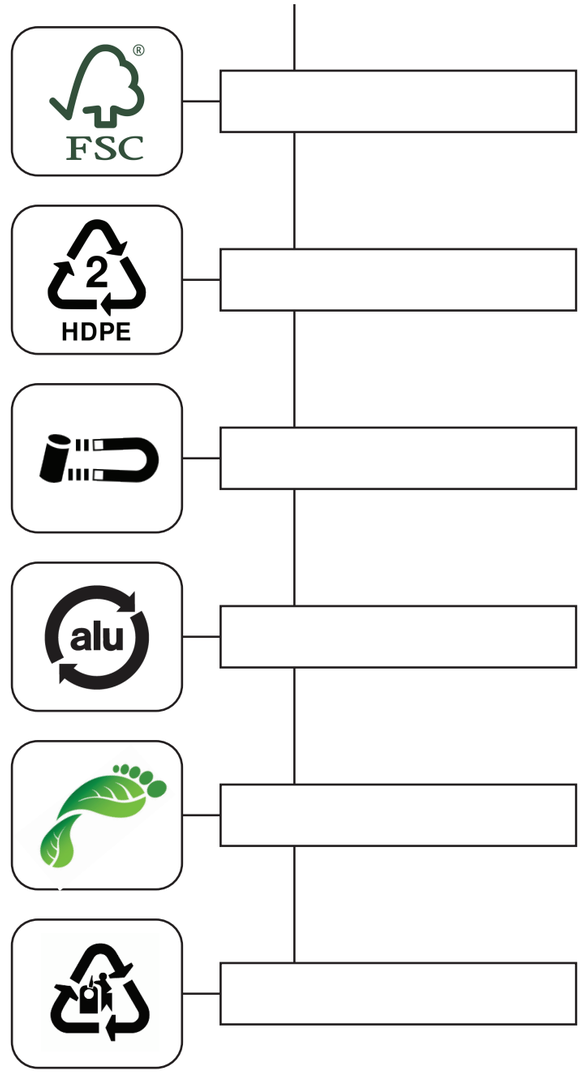
RENEWABLE RESOURCES

NON-RENEWABLE RESOURCES

CARBON FOOTPRINT

LIFE-CYCLE ANALYSIS

SYMBOLS



SUSTAINABILITY

THE 6 R'S AND DEFINITIONS

Name