

# Waste Reduction and Reuse!

Change the way We Act by Reducing and Reusing!!

- AT HOME
- AT SCHOOL
- AT WORK
- SHOPPING



# What does Reduce mean?

To Use fewer resources as much as possible. It also includes all the measures and actions taken before a substance, material or product becomes waste.



Waste is produced during the life cycle of a product – from the extraction of raw materials to their transportation, to processing and manufacturing goods and finally to using and disposing of products. It is important to mention that when in 1999, McDonald's changed to lighter weight packaging for two of their sandwiches, it conserved 3,200 tons of boxboard containers.



Nowadays, the consumption of products (including their production, transport and distribution), represents nearly 50% of emissions contributing to climate change. So, as we all understand, Waste Reduction is an essential concept in what we call, Waste Management and should remind us that our Natural Resources are becoming fewer and fewer!!!

## What does Reduce mean?



## At home

- Choose low –energy light bulbs: using an energy-efficient light bulb uses 80% less electricity, while it lasts 6-8 times longer!
- Go for durable products versus disposable ones, as they create a great less waste.
- Try composting your biodegradable waste (kitchen waste, garden waste, ashes, sawdust and many others).

## Have a Look at Waste Reduction in different situations!



## At home

- Why not try use soap instead of shower gel? Soap comes with less packaging and helps to cut down on waste!
- Stand against an excessive paper waste by placing on your letterbox a “No Junk Mail” sticker.
- You can try donating your unwanted clothes to charity associations or even friends and extended family members.

**Have a Look at Waste Reduction in different situations!**





## Have a Look at Waste Reduction in different situations!



### At school

- Check the condition of materials and stationery left from the previous year to see if they can be reused.
- Choose rechargeable stationery that can be kept for a long time.
- Bring your food in a reusable hardware container and your drink in a flask
- Write on both sides of paper

## At work

- Print out those pages you really need.

- Remember to return empty cartridges in order to be refilled.

- Bring along your own mug!



**Have a Look at Waste Reduction in different situations!**



- Consider giving used electronic equipment to associations or companies, which can make another use of them.

## Shopping

- Try choosing products with less packaging and avoid single-use products.
- Opt for products accompanied by eco-labels.
- Choose to buy products in bulk as it turns out to be cheaper and helps to reduce packaging waste.
- Buy products adapted to your actual needs.
- Choose reusable bags, as plastic bags that end up in the sea may kill various sea animals, which confuse them with jellyfish and thus swallow them.





**• We save Energy**

**• We save Money.** Schools can be benefitted by waste reduction, if they proceed on buying products in bulk, which means saving money.

**• We prevent Pollution:** by manufacturing less, greenhouse gas emissions decrease, thus making an actual difference in delaying global climate change.

## **What are the Benefits of Waste Reduction?**



## Some Current trends on Waste Reduction

A lot of communities seek ways to reduce waste and have instituted the **“pay-as-you-throw”** waste management system.

This system involves people paying for each can or bag of trash they produce that is to be disposed. So, if households manage to reduce their waste at the source, they create less trash and as a result, pay a Lower Trash bill.



# What does Reuse mean?

**Reuse** involves any process by which various products that are not waste are used again for the same or other purpose for which they were originally made. By making the lifespan of several goods longer, we also reduce the amount of waste produced. Reuse plays a very important role both in Sustainable Development and Environmental Protection.



**So, nothing goes to waste!**

Did you know that one manufacturer of photocopy machines takes back and remakes equipment from more than 30,000 tons of used photocopiers? The “better” parts of these photocopiers are reprocessed into new products and the “worse” ones are often recycled into basic raw materials. So, nothing goes to waste!



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## Have a Look at some Benefits of Reuse

### Environmental:

- We preserve a high percentage of the energy originally used to manufacture an item.

- Pollution prevention



- Less pressure is put on our natural resources, such as raw materials, fuel consumption, forests, water)



- Decrease of greenhouse gas emissions, which lead to the delay of climate change





## Have a Look at some Benefits of Reuse

### Social:



Also, Reuse makes a lot of products affordable to households with low income

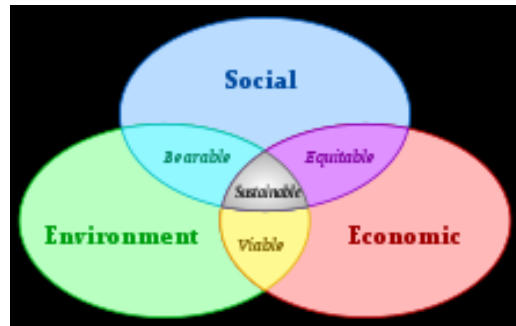
- Underprivileged people are given the opportunity to be reestablished in both the job market and their community.

- More and more jobs are created in the numerous stages of Reusing, such as, collecting, sorting out, testing, renovating and reselling the products reused.



## Have a Look at some Benefits of Reuse

### Economic:



- Consumers save money in purchases and disposal and the states have a lot less social costs through job creation.

- We save on energy, materials and chemicals incorporated in the device or appliance





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# "The sense of responsibility for Environment"



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