

A decorative graphic on the left side of the slide, consisting of a network of light blue lines and circles that resemble a circuit board or a data network. The lines are vertical and horizontal, with some diagonal connections, and the circles are small and white with blue outlines.

02. ADVANTAGE OF TECHNOLOGY

M1U1P2

SYSNETTECH

Solutions

What is Technology?

TECHNOLOGY

- In our everyday life we use many products and tools that help us solve a problem or our need
- Everything that solves our problems or our needs from the early ages until now, and in the future, we will call **technology**

- Before modern technology the purpose of technology was mostly to solve our problems
- Nowadays the technology is used to solve our problems and our needs, to bring comfort to our lives



EXAMPLE: WASTE

- Before we have used the technology to get rid of waste in some ways like burry it, burn it, throw it on a pile, send it to space....
- But there were problems with those kinds of solutions so we needed to use technology to solve those problems
- By using technology we came up with reuse and recycle

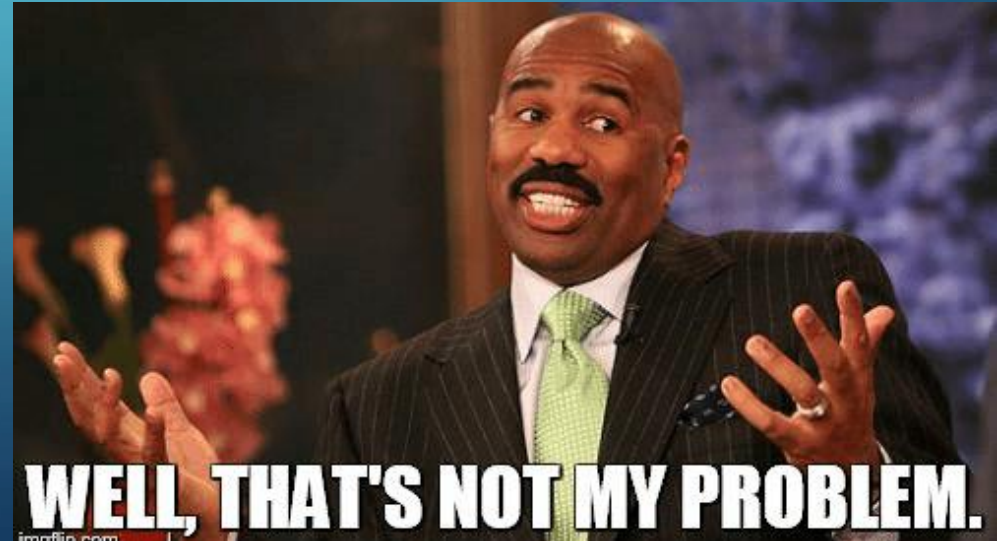


WHAT IS SOLID WASTE?



SOLID WASTE

- Waste can be considered everything that we throw away, like for example, garbage, food leftovers, sewage systems...
- Many people believe that something should be done with the waste but not many people want to participate in waste management
- People think that the local government organization is responsible for waste management but it should be everyone that makes waste



WASTE TYPES

- Solid waste can be classified according the physical characteristic of waste into 4 types
 - Organic waste
 - Recyclable waste
 - Dangerous waste
 - General waste



ORGANIC WASTE

Is any waste that is capable of decomposition (e.g. food, greenery, paper)

It can be used as fertilizer for plants

It is the most common waste



RECYCLABLE WASTE

- Is waste material that can be reused, such as glass, paper, plastic, cans, metal scraps, aluminum, tires....
- It is the second most common waste in the world



DANGEROUS WASTE

- Is waste that contains or is contaminated with various types of hazardous substances, including explosives, flammable substance, oxidizing substance, toxic substance...
- This waste can harm people and animals
- It is the smallest waste group in the world

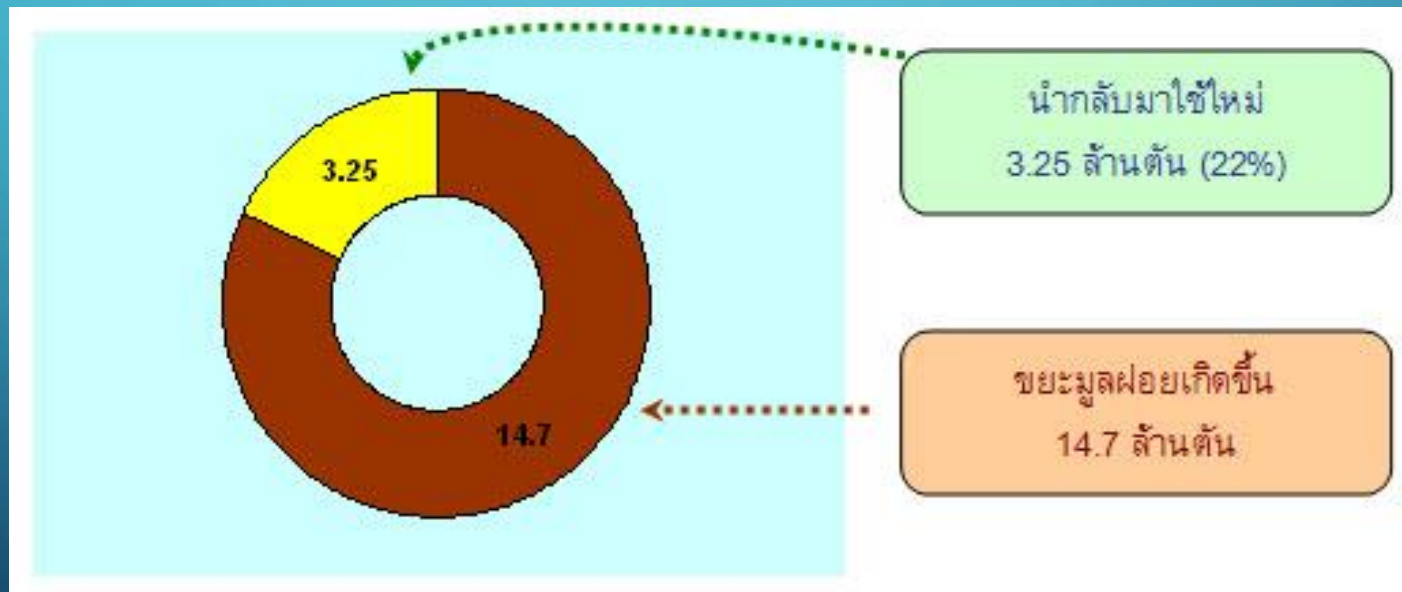


GENERAL WASTE

- Is waste other than organic, recyclable and dangerous waste
- It is difficult to degrade and not good for reuse
- E.g. plastic wraps for snacks, detergent plastic bottles, plastic wrappers for candy, instant noodle wrapping...
- It is same amount of hazardous waste



- In 2007 the amount of waste generated in Thailand was as high as 14.72 million tons or about 40 332 tons per day
- But the waste was separated and recycled for processing in other factories
- Approximately 3.25 million tons was recycled, or about 22%, which is a small amount compared to the amount of waste generated



The background is a dark blue gradient. In the corners, there are white line-art graphics resembling circuit boards or neural networks, with lines connecting to small circles.

HOW TO MANAGE THE WASTE?

REDUCE

- Refuse or avoid items or packages that will create a lot of waste
 - Refuse to use products that use packing that is bad for nature, such as foam boxes, plastic boxes and other toxic material
 - Avoid buying one time use products or products with a low life span
 - If buying regular household products such as soaps, detergent, dishwashing liquid, chose the one with larger packing

SAY NO TO PLASTIC BAGS



REUSE

- Reuse is a good way to make use of available resources. It is when we take a thing that we already have used and use it again
 - Chose products that can be used more than once (rechargeable battery)
 - If your appliances break, repair them, don't buy new ones
 - Take packing and other waste materials, reuse such as plastic bags, paper bags, water bottles...
 - Donate or sell items such as books, clothing, furniture
 - Modify items such as plastic bottles into vases, car tires into chairs or plant pots
 - Reuse office supplies such as printing on both sides of paper



RECYCLE

- Recycle is process where we take recyclable material such as paper, glass, plastic, steel... and process it back into raw material that can be used again
 - Sort each type of recyclable waste such as glass, paper, plastic, metal
 - Sell/donate the sorted recyclable material





THE END