What are the causes of energy waste ?

- Private & industrial sector : fuel combustion, unmonitored appliances, inefficient industrial systems, poor isolation & open biodegradation

Which consequences result from energy waste ?

- air pollution, climate change, thermal pollution, solid waste, water pollution & emission of greenhouse gases

Which countries waste the most energy ?

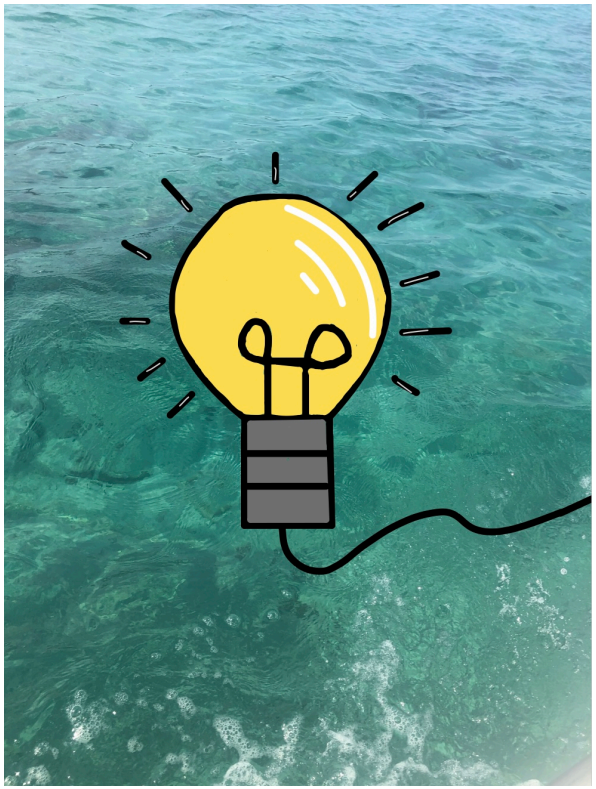
- 1. China
- 2. United States
- 3. India
- the higher the population & industrial production the more energy a country wastes

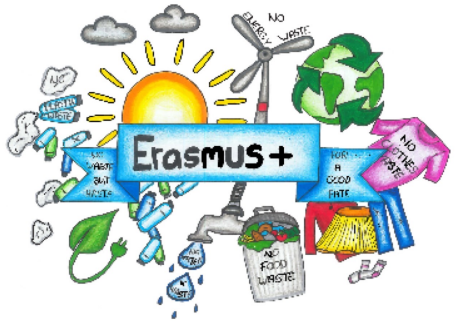
ENERGY WASTE

WATER IS MORE THAN YOU THINK !

What is the problem of energy waste ?

-> environmental problems are directly related to energy consumption & production and are only getting worse through energy waste





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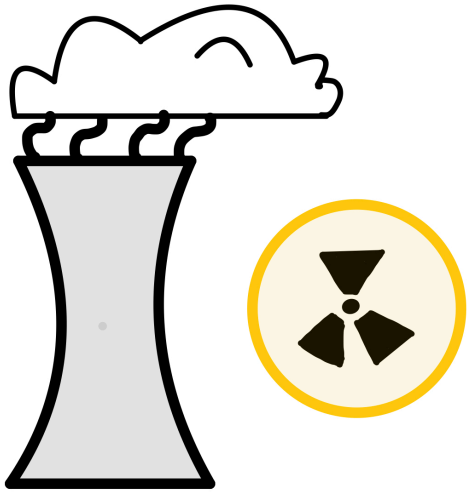

How can we safe the next generations from an energy crisis ?

Renewable is the future

With the use of renewable energy, like water energy, we can make a difference. Renewable energy produces little to no emission and prevents further global warming.

What is water power ?

Water power is energy derived from the weight or motion of water

Why does water power has an excellent potential as an energy resource ?

Great traits on earth: water is abundant, dense and always moving

How can we generate electricity from moving water ?

There are 3 methods: hydroelectric- , tidal power & wave energy

What are the advantages and disadvantages ?

- reliable, renewable & efficient source of energy
- can cause ecological problems, has a high initial cost & require maintenance

What can I personally do to stop energy waste?

There are many ways to safe energy in your everyday life :

- Turn of the lights, if you don't need them
- Unplug your electronics
- Don't run the dishwasher half full
- Don't necessarily wash clothes in hot water
- Don't set the thermostat too high
- Program your thermostat
- Don't forget to change air filters
- Use energy efficient bulbs
- Don't power an empty chest freezer.

Disclaimer: This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein."