



What is **CLIMATE CHANGE?**

Climate change is the change in climate over time whether due to natural variability or as a result of human activity.

Facts about climate change you need to know:

- The Earth is warming up because of greenhouse gases (GHGs) emitted from burning of fossil fuel by vehicles and power plants, deforestation, and other sources accumulating in the atmosphere, acting as a thick blanket over our planet.
- The consequences of global warming are the increase in atmospheric temperature, melting of permafrost in the Arctic and Antarctic; resulting in the rise of sea level.
- The negative impact of global warming on global hydrological cycles affects the amount and patterns of rainfalls causing extreme events such as prolonged droughts and floods.

Climate change is a global issue, and as a Malaysian, you can make a difference. You can play a role in supporting and taking actions to reduce the impacts of climate change.

You can fight climate change today!



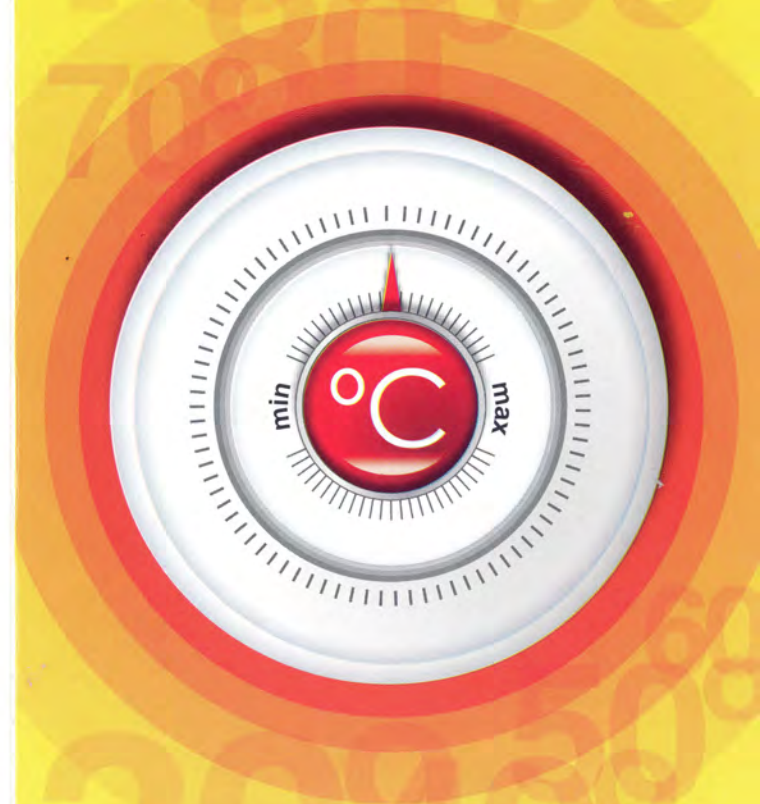
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You too, can make a difference!



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YOU CAN



FIGHT CLIMATE CHANGE TODAY!

THINGS YOU CAN DO

at HOME

Recycle and use recycled products

Recycled home products (i.e. recycled glass, metal and plastic containers) reduce carbon emissions because they use less energy to manufacture than products made from completely new materials.

- Recycling 20 glass bottles saves 2 pounds of carbon.
- Recycling paper saves trees and lets them continue to absorb carbon naturally from the atmosphere.



Turn your computer off or put it into power save mode

Leaving a computer running the whole year will cost you more than 1,000 kWh/y, or almost as much as the total electricity consumption of a high-efficiency household.

- A standard monitor left on overnight consumes energy equivalent to 5,300 printouts.



Use water efficiently

Municipal water systems require a lot of energy for purification and distribution of water supply to households.

- Do not let the water run while shaving or brushing teeth. Install water-saving flush system.



Use energy saving electrical and electronic appliances

Use energy-efficient home appliances. (i.e. lighting device, refrigerator, LCD monitors, etc)

- To replace each incandescent bulb with a compact fluorescent saves 100 pounds of carbon over the life of the bulb.
- New refrigerators use 40% less energy than models of more than 10 years old.



Optimise air conditioning

Reduce home and office air conditioning and electricity use.

- You could save about 2,000 pounds of carbon dioxide a year by increasing the thermostat temperature by just 2°C.



Consume fresh, locally produced food

If you shop at a supermarket, the food you buy are most likely transported by air from overseas, involving burning of fossil fuels.

- Shop at a local wet markets to find fresh and healthy food, and help to reduce fossil fuel burning.
- Frozen food needs 10 times more energy to produce.



Plant a tree

Trees absorb carbon dioxide from the air and use it as their energy source, producing oxygen for us to breathe.

- A tree that shades a house can reduce the energy required to run an air conditioner and save an additional 200 to 2,000 pounds of carbon over its lifetime.



at WORK

Recycle and use recycled products

Recycle office appliances (i.e. paper, newspapers, beverage containers, electronic equipments and batteries). Reducing, reusing, and recycling in the office helps conserve energy, and reduces pollution and GHGs emissions.

- Reduce, reuse and recycle. Use 2-sided printing and copying, and recycle used printer cartridges.

Use energy saving electrical and electronic appliances

Purchase energy-saving models of office appliances and equipment. (i.e. lighting device, computers, LCD monitors, printers & photocopiers)

- The energy consumption of an average LCD display monitor is at least half of an average television set with CRT.

Teleconference instead of traveling whenever possible

Telephone or videoconference saves time, money, and carbon emissions.

- Air travel emits large amounts of carbon into the atmosphere, so reducing your trips by flight can reduce the GHGs emission significantly.



on the ROAD

Use public transport or car pooling whenever possible

Walk, cycle, carpool or take transit to get to your regular destinations each week.

- Less driving reduces GHGs emissions & other pollutants.



Inflate your tyres

If you own a vehicle, you will get better fuel mileage when the tyres are fully inflated, as it will burn less gas and emit less carbon.

- Check your vehicles monthly to ensure that the tyres are fully inflated.

Combine your trips

Several short trips taken while your car's engine is cold can use twice as much fuel and produce twice the amount of GHGs emissions as a longer multi-purpose trip covering the same distance when the engine is warm.

- When running errands, combine trips.

Maintain your vehicle and drive smart

A well-maintained vehicle is more fuel efficient, produces fewer GHGs emissions and is more reliable and safer.

- To improve fuel economy and reduce GHGs emissions, go easy on the brakes, avoid hard accelerations, reduce idling time and remove unnecessary items in your trunk to reduce weight.



You too, can make a difference!

**FIGHT
CLIMATE CHANGE
TODAY!**