

Summer Energy Saving Project!

During the summer holidays we all thought about the ways in which we can reduce the amount of energy we use at home.



Energy use in our home!

It is hard to imagine life without electricity / gas. In our homes, we depend on it to power our lights, appliances, and electronics.

Many of us also use electricity to provide our homes with hot water, heat, and air conditioning. There are many ways we can use less energy...

RIGHT NOW!!!!!!



Energy use in our home!

Why do we need to reduce the amount of energy we use???

The main problem is CO₂ - carbon dioxide - this comes from the fossil fuels we burn to provide us with energy - this means all the gas, oil and coal we use to heat and light our houses, run our cars and cook our food.

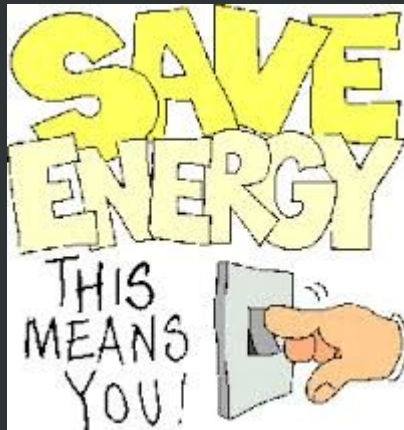
It is estimated that more than 40% of Italy's carbon dioxide emissions come from individual use in the home.



What can we do?

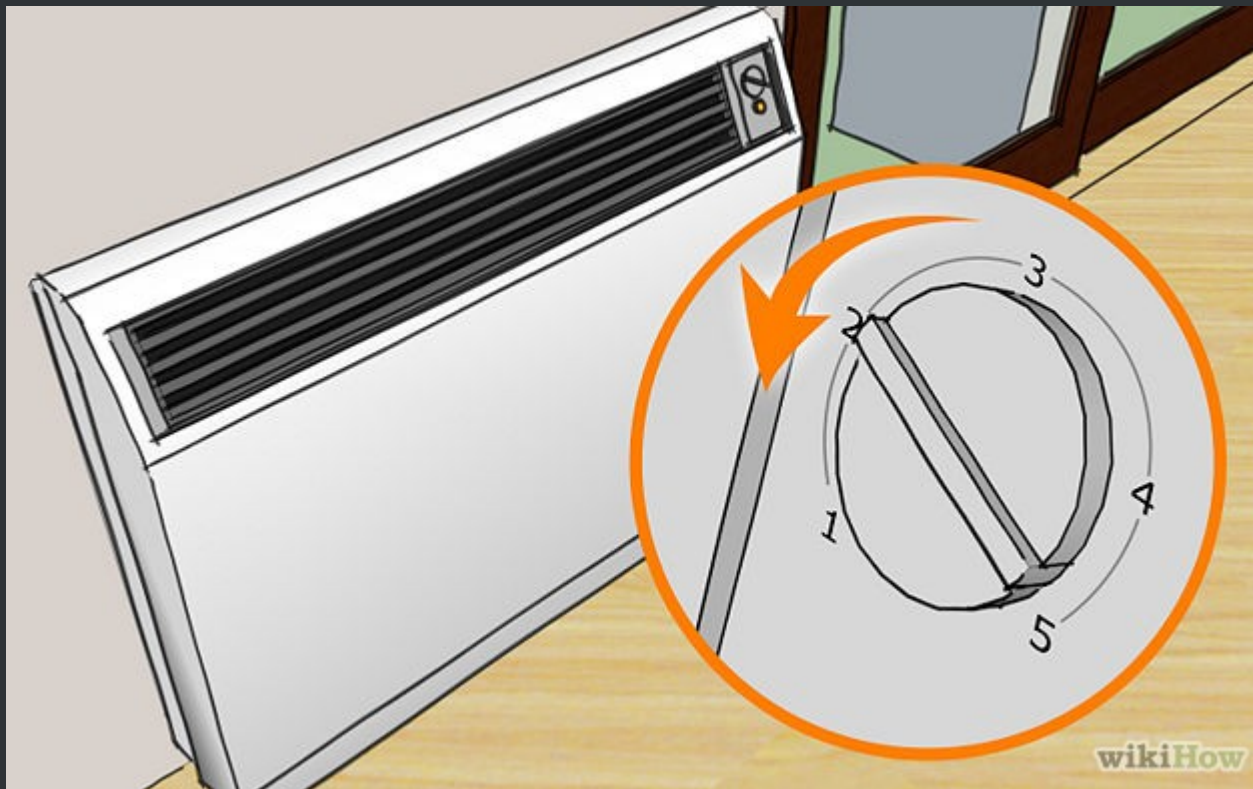
So how can we reduce this enormous figure and help the planet? And will it really make a difference?

Yes, it will!



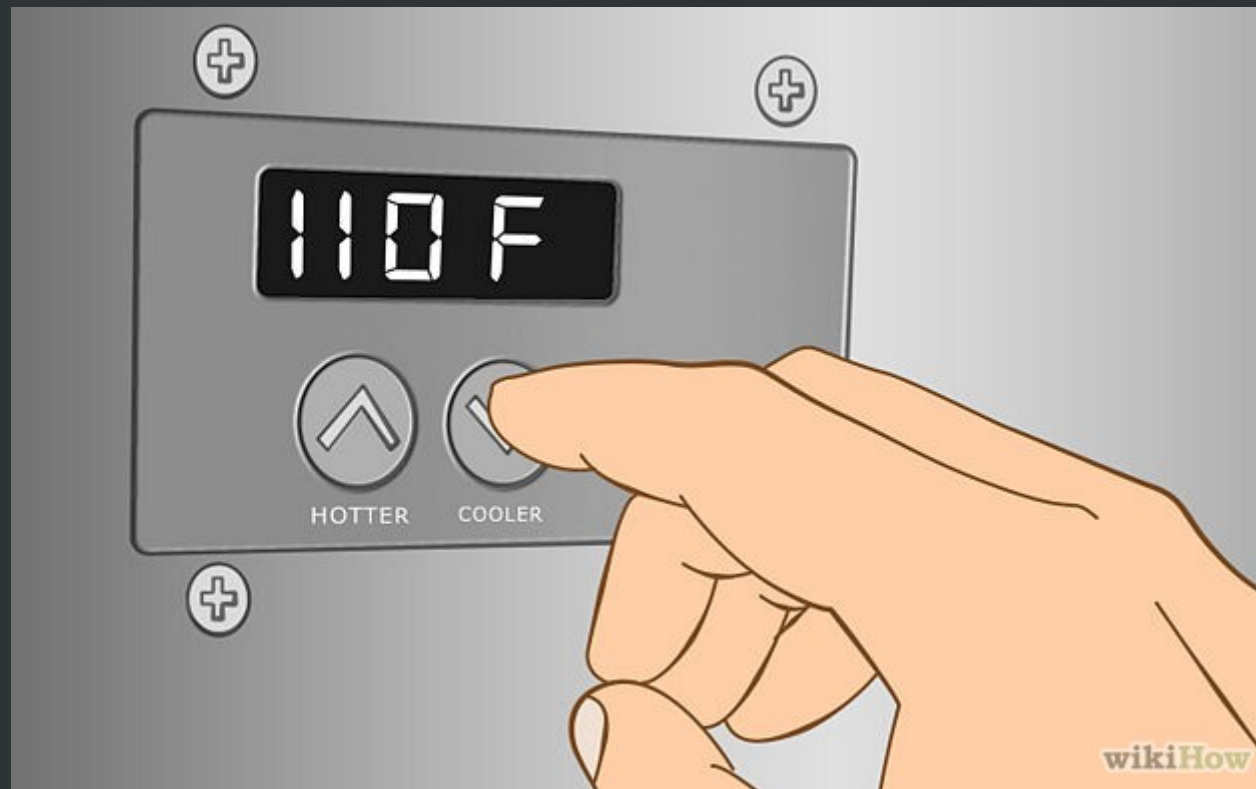
Saving energy at home!!

- Turn down the thermostat! Turning your thermostat down by just 1 degree can reduce your energy consumption by over 5%.



Saving energy at home!!

- Decreasing the hot water temperature will reduce energy consumption. You don't need tap water to be boiling!



Saving energy at home!!

- Turn off any appliances you are not using, especially by switching off lights when you leave the room.



In the bathroom!

- Save hot water by taking short showers instead of baths.
- Use a manual toothbrush instead of an electric one.
- Turn off the tap while you brush your teeth.



At home!

- Use the microwave instead of the oven for cooking your meals.
- Open your blinds or curtains on sunny winter days to let the sunlight get into your home. Have manual instead of electric blinds if possible.



At home!

- Let your hair dry naturally – don't use a hairdryer!!

This is what our hair looks like when we use a hairdryer...nice and tidy!



At home!

- Here is what our hair looks like without using a hairdryer...messy but much better for the environment!



At home!

- Put the washing on a line in the garden or on a dryer on a balcony instead of using a tumble dryer - it saves a lot of energy!
- You can use a "rain barrel" to collect the water that runs off your roof and use it to water the lawn or wash the car.



In the kitchen!

- Don't leave the refrigerator door open. Every time you open the door, up to one-third of the cold air can escape. Think about what you need / want to eat **BEFORE** you open the door!



Reading and studying!

Read a book instead of playing on the computer!

We have already talked about the use of traditional books vs ebooks / Kindle...

The issue of using electricity vs using paper for books caused a lot of discussion! We are still researching the data....



Shopping!

- What about the weekly trip to the supermarket (buying locally produced food, having your shopping delivered, growing your own fruit and vegetables)?
- In many towns in Italy you can order fruit and vegetables (and sometimes water and bottled drinks) and they are delivered to your door. In Venice boats are used to deliver goods.



On the road!

- Cars cause huge amounts of air pollution.
- Nitrogen oxide and hydrocarbons are emitted from car exhaust pipes and severely affect the air quality.



On the road!

Eco Friendly Ways to Travel:

- Bicycles: Green and healthy too - switching from a car to a bike not only protects the environment, but helps you to keep fit.
- Train or bus: Using public transport means there are fewer cars on the road, which in turn means less pollution - lots of people on a train or bus is far more environmentally friendly than one person in one car!



On the road!

I'm doing my part



to save energy!



On the road!

- Carpooling is becoming popular here in Italy. It is a good way of reducing harmful emissions and it is less stressful and more sociable too!



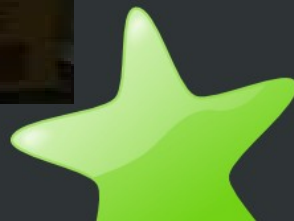
Recycle!

- By recycling we can help the environment. Most town councils in Italy now separate waste in recyclable and non-recyclable rubbish.
- We must all make sure that we recycle as much as possible - to make our world a better place!!



Recycle!

- We must try to use recycled paper as much as we can - at home and at school (and try to make our parents use it at work too!)



Save water!

- Fortunately for us, when we want water, it is as simple as turning on a tap, and there it is, piped into our homes, clean and fresh and available whenever we need it. But that doesn't mean that we should waste it!
- We should all be looking at ways to save water around the home and at school and the simplest and probably the most obvious way is to turn the tap off when we don't need it!



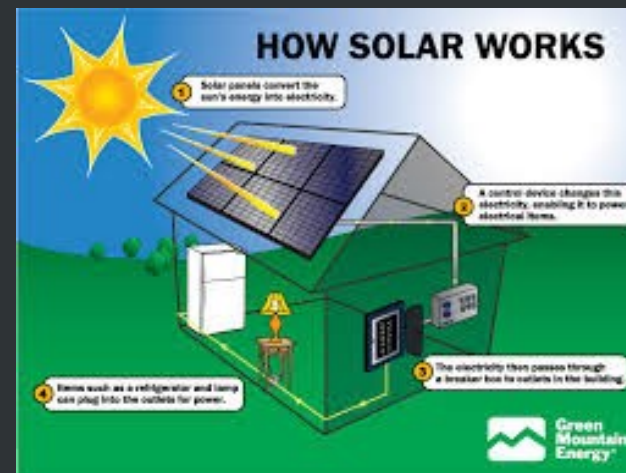
Save water!

- Shower instead of bathing!
- Don't run the dishwasher or washing machine on a half load! Wait until you have enough clothes / dirty dishes and crockery for a full load.



Solar energy

- An alternative to traditional energy sources is solar energy.
- We can use solar energy for our homes, schools and businesses. We have even seen it used for speed cameras!



In summary....!

- These are some of our ideas...it is not easy to implement them all in our daily lives but we think it is important to make as many changes as we can to help make our world a better

place...we need to think about our future and the planet!!!!



***Thank you for reading and
Bye Bye!***

Bye Bye! From middle 2

