

Essay number 773

Summary

In this century we are faced with today food and energy crisis.

Humanity isn't aware of the things they face and what's at stake.

We need innovative ideas to end these crises, or at least find solutions to reduce them rather than increase them.

Of course it is easier said than done, and even if we have solutions this will not be easy to implement due to several factors.

But if we think that there wouldn't be any problem of political boundaries, industrial, religious or economics ... the question now is, "how can we change this?".

Text

Faced with today's food and energy crisis, we all need to start having conscience that we must change our attitudes radically and start resolving the problem, but how can society improve its well-being?

About **energy crisis**, the human being is a major consumer of energy, it consumes far more than actually needed and doesn't really care about that.

A person is capable of turning on all the lights and electronic devices at home just for the sake of it. Many people do it without thinking like it's a normal thing to do, like an addiction. Because of that they have a high consumption of energy.

Oil is a non-renewable resource, it takes thousands of years to be formed and the problem is that people spend energy like it was an unlimited resource.

What can be done to improve and solve the energy crisis?

A good bet is renewable energy, something that many people have spoken and a few actually use.

Today we already dispose for our homes renewable energy equipment like solar photovoltaic (solar energy produce into electricity), wind turbines (wind energy into electricity) and geothermal heat pumps (use the heat for heating the earth environment).

But even if we still want to save energy we can install "switches" on sockets, to cut off electrical power in the devices that are on "stand by" in order to not consume energy even while turned off. If we use renewable energy equipment at home, we not only will be saving energy in the power plants but creating our own renewable energy in home.

But we can go even further, if we set up power plants around the world, to create energy from energy sources that Nature provides it would no longer be necessary to be concerned about the lack of oil.

All countries with coastlines could install power plants to obtain energy from the strength of waves along the coast, it would give energy to the country and also could provide neighbor countries. Using the quality of each country region, we could have several types of power plants producing energy from the environment itself, using only the sun, wind, sea and land.

You can also treat the energy crisis, in cars. Normal cars use much fuel, and because of

that we now have a oil crisis. But what if we moved to ecological cars! We already have electric cars but the big problem is that they are manufactured in small quantities. We must force the companies to build environmentally friendly cars that do not need oil. If by 2011 all companies were required to create a new range of environmentally friendly cars by 2015 all people would have to have a car. With would be a revolution in energy. Not only would decrease the crisis as well the environmental pollution and the oil crisis disappeared like as the cost of drinkable water to remove oil from the earth. Well, to pump oil from the earth water is used, is not salty but the drinkable water. When the pumps don't have pressure enough to get the oil, water is added in the crack to remove the rest because they are two liquids that don't mixed (heterogeneous liquids). To take off the oil implies the reduction of drinkable water available in the world for our survival.

The **food crisis** is an important issue to consider. The problem is that the population is multiplying at a tremendous speed making it difficult for the production of food feed so many people.

One thing that could be good for the problem as very bad as it may seem, is the level of birth control in the world.

The idea would be similar to China. Facing the prospect of a population explosion, China implemented strict laws on birth control in the 70s. The famous law only allowed for each couple to have a son, apparently it worked. The birth rate has fallen. However, that the success of birth control was obtained at the expense of disregarding human rights, forced abortions and compulsory sterilization. Also came a tragic phenomenon, the proliferation of infanticide cases. As men are more valued by the forced of arm to work in rural areas, many girls were killed because of that law. But now in the XXI century, with the advanced medicine, women can very well prevent themselves from becoming pregnant at any time. If this idea was implemented throughout the world it would reduce the crisis of growth phase faced to the crisis of food, but that is not enough to combat the crisis of food. We have to reduce consumption and increase production of food, thus creating much offers for little search.

The problem for plants is that they only grow in spring. If we build futuristic greenhouses like the Eden Project, with the climate change's needed for plants and vegetables to grow all year, we would increase the amount of food. Many countries have good hectares of land for agriculture but the climate is not propitious for its growth. If it were build giant greenhouses throughout the world for agriculture and animals, we could have a lot of food for the world and also helping the environment by using renewable energy and reuse recyclable materials, reducing the landfills on our land.

The roofs of the greenhouses of Eden project are recyclable plates of propylene (recyclable plastic), the water used for irrigation is grey water, and the energy comes from wind turbines that are around the enclosure.

If we don't start to do something now, the reserves of food will end and we eventually begin to die from hunger.

Before that happens we have to resolve this, it doesn't help having ideas or speech if in the end nobody does anything, we all have to join in to resolve it before it is too late.

It isn't necessary many things or to have futuristic ideas, we already have the assets necessary to change all this, now the only thing missing is to act.