

Mexico faces challenges to combat pollution and to preserve the ecosystems

The infrastructure related to the production of electricity and fossil fuels, ports and airports, mining activities, urban development, waste confinements, industries, and many others are dangerously deteriorating the environment.

The loss of terrestrial and aquatic ecosystems, the climate change, severe problems detected in the quality of air, the loss of biodiversity, the reduction of resources and the pollution of natural resources; they all are severe problems that Mexico currently faces in environmental matters, the Secretariat of Environment and Natural Resources (SEMARNAT) affirms.

This country is famous worldwide for the natural richness living in the waters, the immense amount of flora and fauna; the production of oil, copper, gold, iron, and zinc. However, the exploitation of those resources is wiping out the renewable resources on the planet, and it is causing more pollution every day.

Those problems have a collateral damage on social welfare and economic development in the country. It has negative impacts on the health and food security of thousands of families, just to mention some of the aspects.

Mexico is considered as one of the megadiverse countries in the world, and for that reason it is included in the group of the 17 countries which host 70 percent of the biodiversity on the planet.

Challenges with the environment

In Mexico, 91 percent of the energy produced in the country is produced by hydrocarbons, and it is used for vehicles, diverse machines, heaters, and to produce electricity. In the face of this world condition, we should decrease the use of those kinds of energy, and we should increase the production of energy using natural resources, reveals the United Nations Climate Change Conference (COP26).



“If Mexico does not aim to stop the use of carbons to produce electricity, and if it continues using fuels, it will face several consequences. The consequences are not only related to environmental issues, but also to the health of many people”; mentioned in an interview Adrián Fernández Bremauntz, a doctor in sciences and the executive director of Iniciativa Climática.

Another severe problem is deforestation; therefore, the bad quality of the air may get even worse as we are running out of forests as a result of illegal logging. Only last year, Mexico lost more than 127 million forest hectares, mentioned the National Forest Commission (CONAFOR).

We should not forget that thousands of vulnerable families also have to use wood to build houses, or to make a fire to perform their regular household activities.

In the country, there are so many matters that we must pay attention to in order to preserve the environment, to stop the pollution caused by electricity and fuel-based infrastructure, ports and airports, mining activities, urban development, waste confinements, industries, and many others. That would be possible if the authorities developed strategies, if they had an action plan so that all the Mexican citizens might contribute to the preservation of the environment. Some examples are: reducing the water we use to take showers, being careful with the faucets when we brush our teeth, avoiding the use of plastic bags, recycling and preventing pollution as much as possible in our everyday activities.

Actions to help the environment

In order to face the environmental problems in the country, Congregación Mariana Trinitaria (CMT), a non-profit organization that has worked for more than two decades to promote Networks of Energy, Water, and Environment; which are included in the Welfare Ecosystem Model that it is developed day after day.



SUMMARY

If humanity does not stop the pollution on the planet, we actually harm ourselves because we need ecosystems and natural resources to survive. For that reason, Congregación Mariana Trinitaria (CMT) implements actions to encourage the preservation of the environment and the use of ecotechnology.

The actions performed help Mexican families as social programs are also developed to encourage the proper use of water with the objective of avoiding waste and exploitation that may lead to the extinction of this non-renewable resource. On the other hand, the Network of Energy develops actions to help vulnerable families to stop using charcoal, which causes severe damage to the environment and to the people in the area; and it promotes the use of ecotechnology instead.

CMT is aware of that, and it acts responsibly with the environment as the environment is generous with human beings. It is only our decision to take actions to protect our environment, every single part of it is alive, and if we get rid of all of them, we will also get rid of ourselves.

CMT successful case



CMT continues to work in favor of the environment and a successful case was in the **state of Hidalgo**, where almost **500 families** from different villages benefited in order to **improve the living conditions of the people.**

