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Subject: Assessment of the current situation of the climate crisis
Country: Czech Republic
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The climate crisis is closely related to global warming, global climate change, and its effects. Due to this, annual temperatures on Earth are increasing and global warming is occurring.

The climate crisis poses a problem for many countries, one of these problems is the use of fossil fuels. This situation also greatly affects air pollution. Many different studies are being carried out to evaluate and solve this situation, which negatively affects countries. In recent years, the Czech government has aimed to minimize the use of coal, one of the fossil fuels.

The 28th party 'police' conference, also known as the climate change conference, was held in Dubai between 30 November and 12 December 2023. At this conference, the Czech Republic announced its commitments to the 'Coal Phase-out with Alliance'. We can achieve the goals of the Paris Agreement at this conference.

The new Czech government aims to phase out coal by 2033 and increase the country's dependence on nuclear and renewable sources, the new Czech government said in its newly published policy programme.

There is no single cause of climate change. However, one of the biggest reasons for this is the increase in greenhouse gases such as carbon dioxide, methane and ozone on the earth's surface.

Consumption of fossil fuels such as coal, oil and natural gas; deforestation and plastic use; may trigger climate change problems.

What can we do against the climate crisis?

We can reduce the rate of global temperature increase by changing our living standards and consumption habits. Such as consuming less fuel, natural gas and coal, whenever possible, people can walk or bike to their destination. Even if the distance is far, they can also choose public transportation. We can insulate buildings to reduce the use of natural gas in homes. One of the best solutions to reduce energy consumption is to use solar panel systems. Since plastic is the raw material of petroleum, we can reduce carbon emissions by reducing the use of plastic. Reducing greenhouse gas emissions and switching to renewable energy sources are important to combat climate change. Giving up fossil fuels and using renewable energy sources such as solar, wind, hydraulic and geothermal energy greatly reduces greenhouse gases released into the atmosphere. The widespread use of electric vehicles, increased use of public transportation, and investment in sustainable transportation options such as bicycle paths help reduce greenhouse gas emissions. Land use development in the Czech Republic will probably show above all a decrease in arable land, while an increase in urban and industrial areas. Conversion of arable land to permanent grasslands or forests is recommended to increase landscape carbon sequestration and other water and land conservation ecosystem services.

References: <https://unfccc.int/news/a-new-plastiks-economy-is-needed-to-protect-the-climate>

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