



How Human Activities Produce Greenhouse Gases

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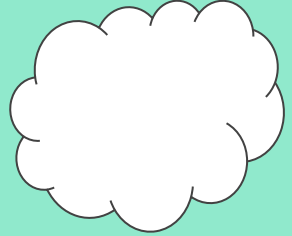
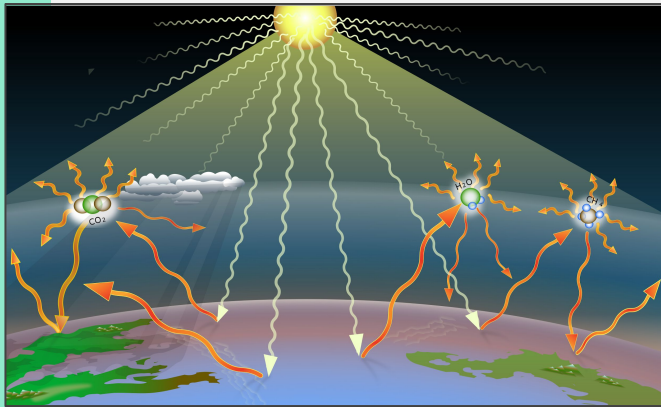
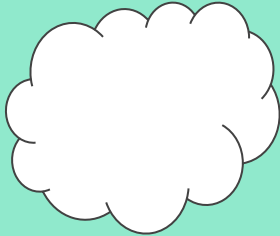
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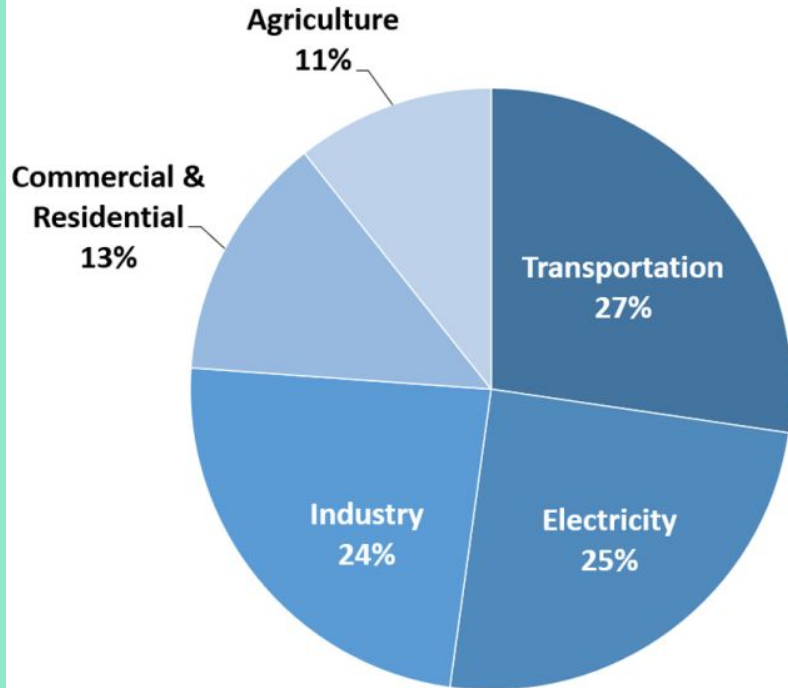
What is this slideshow about?

This slideshow is about the major causes of greenhouse gases, types of fossil fuels that are used in everyday life by people which cause greenhouse gases, and how deforestation can be a problem. It will also discuss daily human activities that produce greenhouse gases.



Causes of Greenhouse Gases

Total U.S. Greenhouse Gas Emissions
by Economic Sector in 2020



(Source)- Transportation was 27% of gas emissions, primarily coming from burning fossil fuel used for vehicles. Electricity was 25% of gas emissions, most of our electricity is also from burning fossil fuels, emitting CO₂. Industry was 25% of gas emissions, coming from chemical reactions needed to produce goods. Commercial/Residential was 13%, gas emissions came from burned fossil fuels used mostly for heat. Agriculture also (livestock - 11%) caused gas emissions.



Fossil fuels



Coal, oil, and natural gas are fossil fuels that are used the most throughout our everyday lives by people. These fossil fuels are found in the Earth's crust and can be burned to produce energy, which can cause greenhouse gases. Burning fossil fuels can be really bad for our environment, fossil fuels releases a lot of carbon dioxide into the air, increasing greenhouse gases. Then, those greenhouse gases trap heat in our atmosphere, leading to global warming. Although using fossil fuels can be bad for the environment, people continue to use them because they are useful. After being burned to produce heat, fossil fuels can produce electricity and also be used to power engines. Other fossil fuels are petroleum, bitumens, tar sands, and heavy oils.

What is Deforestation and why is it a problem?

Deforestation is the action of clearing a wide area of trees, in other words, it simply means cutting down trees. Deforestation is a big problem, not only does it affect the climate, but it is another action that increases greenhouse gases. Humans aren't the only ones causing deforestation, there are also natural causes like forest fires and parasite-caused diseases. It is important to keep in mind that trees absorb/store carbon dioxide. Getting rid of trees can have a really negative impact on the environment. It would mean that the carbon dioxide being stored would be released into the atmosphere again and there would be less trees to store CO₂, affecting the climate.

Reducing Greenhouse Gases Produced

There are many climate disasters around the world due to global warming and reducing the amount of greenhouse gas produced can have a great impact on the environment. Reducing carbon emissions can allow us to have clearer air and can cause a positive impact on global warming by lowering temperatures. It can also allow us to be healthier, having healthier air, water, and food. There are different ways to reduce greenhouse gas emissions. There are simple things you can do like turning off the lights or electronics when they aren't being used, this reduces your energy consumption. Driving efficiently, solar panels, and energy-saving appliances are also examples of ways to reduce greenhouse gases emitted.

Quiz Question #1

What greenhouse gases do humans generate?

Quiz Question #2

What human activity creates the most greenhouse gas emissions?

Quiz Question #3

How do increased greenhouse gases in the atmosphere lead to warmer temperatures?

Personal Opinion

I found this topic very interesting, I've always wondered how global warming functioned or why temperatures increased, and doing research for this presentation helped me understand more about this situation. I think it is important that more people are aware of greenhouse gases, how it affects our environment, and why it is important to reduce it. As I was doing research, I was shocked to find out how warm temperatures were caused by greenhouse gases increasing and trapping more heat in the atmosphere. I believe deforestation is an important topic that people should also be more aware of.