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The Pros and Cons of Fossil Fuels

With all the talk about global warming today, some people want to instantly quit using fossil fuels. But there are some advantages of fossil fuels, including their:

- Wide availability
- Reliability
- Efficiency
- Transportability
- And many others

At the same time, fossil fuels will run out eventually, and they can contribute to pollution today. Let's explore the pros and cons of fossil fuels so we can make well-informed decisions about our future.

Pros of Fossil Fuel Use

1. Our Deep Knowledge of the Technology

We have worked with fossil fuels for decades and understand how to work with them responsibly. As examples, we have built better safety protocols into mining them and improved the cleanliness of power plants.

2. Reliability

Fossil fuels are reliable. In our current infrastructure, alternative sources of power are not widespread enough to supply all our energy needs as reliably as fossil fuels, which means fossil fuels must be the foundation of our power grid until alternative energy catches up.

3. Efficiency

Natural processes have concentrated energy into fossil fuels in a way that makes it very efficient. Burning a relatively small amount of fossil fuel releases a surprising amount of energy, which we use to create electricity, run machines, heat buildings, and more.

4. The Ease of Installing Power Plants

Alternative energy sources require natural features like rivers, oceans, abundant sunlight, or steady wind. Fossil fuel power plants, though, can be easily set up in almost any location, even remote ones.

5. The Ease of Moving Fossil Fuels

Coal, natural gas, and oil are easy to move almost anywhere in the world with trucks and pipes. In contrast, alternative energy sources (such as wind) often can't be transported in themselves.

6. Abundance of Fossil Fuel Sources

We find coal and natural gas in many places in the world. Most countries can extract some type of fossil fuel within their borders. In contrast, alternative fuels, such as those made from biomass, require abundant farmland to make, which not all countries have (and that's a "con" in an assessment of biomass energy pros and cons).

7. Current Wide Availability

Many countries have used fossil fuels for decades, which means that mines, equipment, and reserves are currently easy to find. This gives countries at different levels of affluence access to this energy source, along with low-cost technologies for working with it.

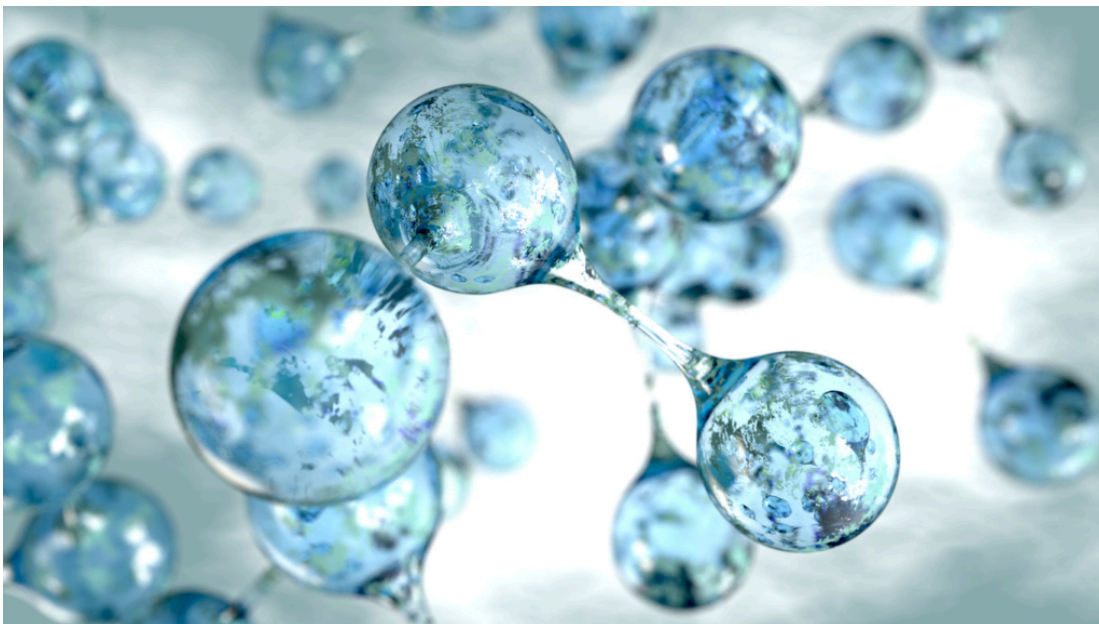
8. Job Creation

Many workers around the world receive their livelihoods from jobs related to fossil fuels. Without those jobs, they would have trouble feeding their families. It will take time and effort to create more jobs in the alternative energy sector.

9. Production of Related Products

As we refine petroleum, we turn it into a variety of useful byproducts, including gasoline, diesel, and plastics. Some of those are used to make soap, nylon, clothing, feedstock, and other products that our civilization relies on.

Cons of Fossil Fuel Use



1. Depleting Resources

Sources of fossil fuels won't last forever, and natural processes take an impractically long time to create more. That's why shouldn't rely only on fossil fuels. We need more experience with alternatives, such as biomass fuels. (If we discuss biomass pros and cons, one pro is that we can create more biomass fuels ourselves in our own lifetimes.)

2. Accidents Affecting Workers and Communities

As with anything powerful, fossil fuels must be used responsibly. Companies using them should uphold high standards of safety for their own workers and for the community around them in order to avoid accidents such as oil spills.

3. Government Incentives Support Fossil Fuels

Governments have incentivized the extraction and use of fossil fuels in order to lower their perceived cost, but that may stop. To plan for the future, we should build our expertise in alternative energy sources until it matches or exceeds what we've developed with fossil fuels.

4. Pollution

When we burn fossil fuels, we release carbon dioxide, methane, other gases, and particles into the air. These have been linked to human-caused global warming and air pollution that may lead to **health problems**, such as asthma.

We need more education both about fossil fuels and the pros and cons of using them. We also need more consumers to switch to companies that contribute to alternative energy. Help create a sustainable energy future by **contacting Kiwi Energy** today.

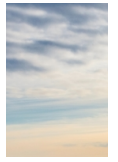
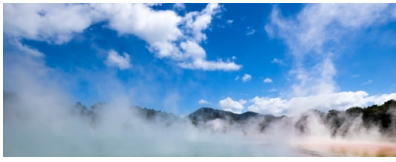
October 30th, 2019

*****Write a paragraph explaining whether you are for or against the use of fossil fuels. Make your stance clear and then support it with details*****

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