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TOPIC: LIMITING THE EXTRACTION OF CARBON-BASED FUELS IN VULNERABLE CONDITIONS

“The phaseout of fossil fuels is essential and inevitable. No amount of spin or scare tactics will change that”

-António Guterres, Secretary General, United NationsTop of Form

Biodiversity loss is increasing, presenting a global crisis. Human activities are the main threats impacting ecosystems at all levels. Even small losses can have valuable effects on ecosystem function. Fossil fuel usage continues to rise unabated, driving more infrastructure and extraction. The UN leads efforts to cut carbon fuel use and promote clean energy. The Paris Agreement targets keeping global warming under 2 degrees Celsius, aiming for 1.5 degrees warming, with countries committing to emission cuts. Sustainable Development Goals prioritize clean energy and climate action. Events like Climate Change Conferences unite nations to combat climate change and reduce reliance on fossil fuels.

Norway firmly believes in the urgent need to address the extraction of carbon-based fuels in vulnerable conditions. Our commitment to sustainability and responsible resource management compels us to support limits on such activities. The environmental risks are significant. When we drill in delicate places such as the Arctic, it affects the environment by great measures. It affects wildlife and climate change. We need to cut back on these activities to ensure a healthier planet for future generations. Reducing greenhouse gas emissions is crucial in dealing with climate change. Continued extraction of carbon-based fuels only continues this crisis. That’s why we need to set limits, especially in sensitive areas like the Arctic, so we can move towards cleaner energy resources and protect our planet. Norway has implemented various measures to address the extraction of carbon-based fuels in vulnerable conditions. These efforts include imposing restrictions and moratoriums on oil and gas activities in environmentally sensitive areas. Additionally, the country has been investing significantly in renewable energy sources like hydroelectric power and wind energy. Norway also emphasizes technological advancements and innovation to reduce the environmental footprint of oil and gas operations.

When it comes to dealing with the extraction of carbon-based fuels in vulnerable areas, we need some innovative solutions. These include bio-inspired technologies for minimal environmental impact, restoration programs, and carbon offsetting initiatives to mitigate long-term effects. Use high-tech seismic imaging to precisely map underground reserves, reducing exploratory drilling and environmental disruption. Integrate green chemistry to minimize hazardous chemicals, waste, and enhance extraction sustainability.

Sources Consulted

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