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**From:** [REDACTED]  
**Sent:** Friday 21 October 2022 13:28  
**To:** Energy Consultation  
**Subject:** Ireland's Energy

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The Government commissioned consultants to do some analysis of Ireland's energy security. This analysis, which was published recently, rejects commercial LNG and offshore exploration as future energy options. However it raised some concerning options - like a "floating" LNG terminal and state backed gas infrastructure - that could lock us into polluting emissions.

Natural gas is a non-renewable resource. As with other fossil energy sources natural gas is a limited source of energy and will eventually run out.

The floating LNG terminals are liquefied gas tankers that can return the fuel to its gas state themselves, Extreme low temperatures (-162 degC), require special materials for storage. The energy needed to chill, ship, and re-gasify the fossil fuel (Liquefied natural gas) makes it more carbon-intensive and increases the potential for leakage of dangerous methane. Liquefied natural gas does have an environmental footprint, including methane emissions and carbon emissions. "Natural gas" is primarily methane — a potent and dangerous greenhouse gas. Storage is problematic. Its volume is four times as big as petrol's.

And keeping in mind its origin.

Fracking, the method used to extract the gas, wrecks the environment and causes earthquakes. It is not only bad for our climate, **it risks causing air, water and noise pollution**. It uses toxic chemicals that may not be regulated well enough. An accident could mean that these chemicals leak into water supplies or cause pollution above ground.

For reason of environmental sustainability, human wellbeing and energy security into the future we need to choose alternatives to fossil fuels

Yours sincerely

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