

## SPSE Essay: Oil and Gas

*In the future, the earth is likely to run out of gas and oil.*

The world is highly dependable on the energy of oil and gas. It is well-known that this type of fossil fuel is unsustainable and will not continue forever, therefore alternatives need to be found. This essay will focus on sustainable energy and academic research as a possible solution and evaluate its effectiveness.

There are two significant problems with oil and gas running out. Firstly, much of the transport system across the world uses oil. Examples of this are public transport and aviation. A second problem is the difficulty of countries using an alternative source of energy that is equal to fossil fuels.

There are two possible comprehensive solutions that can be implemented. The first key solution is for countries to gradually integrate the use of sustainable energy into their transportation networks. Another possible solution is more academic research is needed into the developing sustainable energy societies.

Both solutions can be effective in ensuring that preventative measures have been put in place to avoid a catastrophe. However, sustainable energy production is still not enough to run a country and biofuels need much more research and investment if they will be able to be used for specific transport like aviation.

Sustainable energy is a possible solution for a future energy supply but needs much more research if it is to become the main energy source of the future. However, it is a much cleaner energy and can never be depleted unlike oil and gas. It is therefore recommended that much more research is done into developing sustainable fuel to replace oil and gas.

Words: 261

## SPSE Outline

<b>Introduction</b>	<ul style="list-style-type: none"><li>• Dependable on oil &amp; gas</li><li>• Unsustainable / alternatives</li><li>• Thesis: sustainable energy / academic research</li></ul>
<b>Problems</b>	<ul style="list-style-type: none"><li>• Transport system (public transport / aviation)</li><li>• Difficulty using alternative sources.</li></ul>
<b>Solutions</b>	<ul style="list-style-type: none"><li>• Integrate sustainable energy</li><li>• More academic research</li></ul>
<b>Evaluations</b>	<ul style="list-style-type: none"><li>• (positive) Effective preventative measures</li><li>• (negative) Not enough to run a country</li><li>• (negative) Biofuels cannot run aviation</li></ul>
<b>Conclusion</b>	<ul style="list-style-type: none"><li>• Sustainable energy is possible solution</li><li>• Cleaner energy and not depleted</li><li>• More research is needed</li></ul>

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<b>Evaluations</b>	<ul style="list-style-type: none"><li>• (positive)</li><li>• (negative)</li><li>• (negative)</li></ul>
<b>Conclusion</b>	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>