



Yangarra Resources Limited

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IS THE CURRENT USAGE OF OIL SUSTAINABLE?
 The use of oil increased significantly after the Second World War. In the early 1970s, approximately 40% of global fossil fuel use came from oil, but during the 1990s this figure has decreased. Improved energy efficiency has caused oil consumption to decline in many developed, industrialized countries, as well as shifts to other fuels such as natural gas and nuclear energy. Decreasing use of oil is also resulting from tougher environmental restrictions concerning its use in these regions.

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RESOURCES AND USES

Oil, the most common of our modern fuels, has a long history of use for heating and electricity, and much of it. Also, many products that we use daily are made with petroleum. These include: asphalt, kerosene, jet fuel, gasoline, diesel fuel, lubricants, plastics, and many more.

Since the 1970s and 2000s, energy efficiency has increased in buildings and cars. Light bulbs, air conditioning, computers, and power plants are all examples of energy efficiency. The use of solar and wind power is also increasing. However, oil is still used in many places, such as in the production of plastics and in the transportation of goods.

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PROSPECTS OF OIL AND GAS IN THE FUTURE

The future of oil and gas is uncertain. While there are still large reserves of oil and gas, the world's population is growing, and energy demand is increasing. This could lead to a shortage of oil and gas in the future. However, there are also many new technologies being developed that could help us use oil and gas more efficiently. This could help to extend the life of our oil and gas reserves.

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HOW DOES OIL CONSUMPTION AFFECT THE ENVIRONMENT?

Oil consumption has a significant impact on the environment. The burning of oil releases greenhouse gases, which contribute to global warming. Oil spills can also cause environmental damage. Additionally, the extraction of oil can be a noisy and disruptive process. However, there are ways to reduce the environmental impact of oil. For example, we can use energy-efficient light bulbs and cars, and we can recycle oil products.

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RECOVERED AND USED

Oil - The most common oil is used to fuel for transportation, all for heating and electricity, asphalt and road oil. Many products that are made with petroleum which is made from oil will separate into their liquids, including gasoline, kerosene, diesel, motor oil, and more. Oil can be used for heating and electricity. Recovered and given a clean according to the rules of environmental protection. For the most part, oil is used in many ways, including, kerosene, diesel, and gasoline and asphalt.

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RESERVE OIL AND GAS IN THE FUTURE

Oil and gas reserves are estimated to last for about 40 years. However, this is based on current usage and does not take into account potential new discoveries or more efficient use of existing reserves. The amount of oil and gas reserves is estimated to be around 1.7 trillion barrels of oil and 60 trillion cubic feet of natural gas.

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THE ENVIRONMENTAL IMPACT OF OIL AND GAS

Oil and gas extraction and use can have significant environmental impacts. These include air pollution, water contamination, and land degradation. The burning of fossil fuels releases greenhouse gases, which contribute to climate change. Additionally, oil spills and leaks can cause severe damage to ecosystems and wildlife.

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RESOURCES AND USES

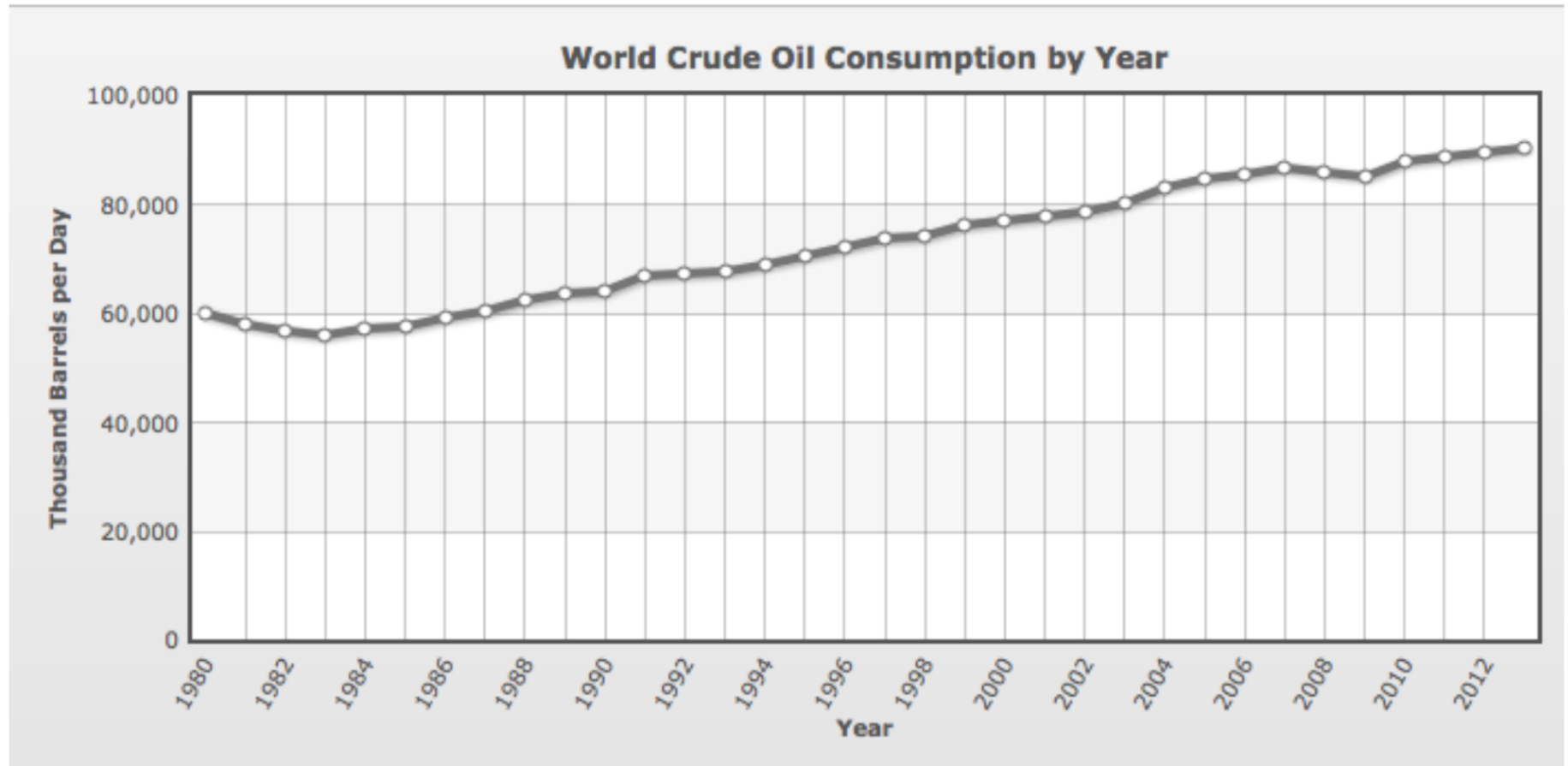
Oil - The more common oil uses involve fuels for transportation, oil for heating and electricity, asphalt and road oil. Also, many products that are made with petroleum (which is made from oil) will surprise you that includes: clothing, deodorant, trash bags, shoes, toilet seats, and even golf balls.

Gas - During the 19th and 20th century, gas was mainly used for building and street lights. Now, it is used in homes, businesses, factories, and power plants according to the Union of Concerned Scientists. For the most part, gas is used as electric power, industrial, commercial, residential, and pipeline and distribution.



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OIL USAGE TREND WORLDWIDE AND THE U.S.



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PREDICTIONS ON OIL AND GAS IN THE FUTURE

We will have natural gas for several decades, in about 50 years it is estimated that about 2/3's of the U.S's electricity will be powered by natural gas. And according to the institute of mechanical engineers, the oil reserves throughout the world will be decreased majorly in around 40 years, which will increase the price of it on a large scale.

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THE EFFECT ON THE ENVIRONMENT WITH AN INCREASE IN OIL & NATURAL GAS

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- Helps do more things like fuel vehicles and make plastics
- Harms marine life (corals, marine mammals) due to drilling tools
- The extra runoff of the processed oil (petroleum) can damage pollute waters and soil which can decrease our food supply.
- Possible oil spills due to an increase in drilling
- By burning natural gas Nitrogen oxides are produces contributing to smog.
- The emissions of burning natural gas have contributed to health problems in people such as asthma and bronchitis, as well as, global warming.
- Drilling for oil and natural gas can alter the migration patterns of wildlife and cause erosion to the land.
- Water decrease due to use during hydraulic fracturing as well as earthquakes.





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RESERVE OIL AND GAS IN THE FUTURE

Oil and gas reserves are estimated to last for about 40 years. However, this is based on current consumption rates. If we reduce our consumption, we could extend these reserves for a much longer period. It is important to find alternative energy sources to reduce our dependence on fossil fuels.

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THE ENVIRONMENTAL IMPACT OF OIL

Oil is a non-renewable resource. Its extraction and use contribute to climate change and air pollution. Reducing oil consumption can help mitigate these environmental impacts.

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