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Where Is Your Next Gallon Coming From?

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Course: ENSC230

Where Is Your Next Gallon Coming From?

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The issue of going from petroleum to alternatives fuels is a growing matter in the United States. Have you ever thought about what will happen when other countries outside the United States grow to the size and capacity we are? How will this affect the oil we import, the prices, or the amount we have left? These are all questions we will be asking one another in only a short time if we keep going down the road we are set on right now. We use oil everyday whether we know it or not. The food you eat had to have oil to get it to your home, and regardless of what anyone says we need oil to live our day to day lives. Oil producing countries can control whether we have oil to get through our day to day lives. Some people may also say “Well it will be my children’s problem so why worry about it now?” Simply because what we can save today will be there for our tomorrows. Green Crude is an up and coming biofuel that needs all the help we can give to it.

I feel that with the technology we have now and the fact that we can produce this Green Crude here in the U.S. only betters us in the long run. Producing our own biofuels inside the U.S. is kind of like job security in a sense that we can start producing our own now. Green Crude is the product of growing algae for biofuel use. The products made from the Green Crude are jet fuel and diesel fuel. Both of these products would largely help our country out because our transportation sector is one of the biggest users of oil. The other complete benefit of farming

Green Crude is that it takes in Carbon Dioxide. For 300 cultivated areas the algae will absorb 56 metric tons a day of Carbon Dioxide. I feel like this not only benefits our prices rising and resources running out, but it also benefits us in the sense that Carbon Dioxide would be able to have a closed loop system. There's also a huge reduction in greenhouse gases by using green crude fuel. The greenhouse gases would be reduced by 60-70% compared to our traditional fossil crude. Our output of finished product for the year would be one million gallons per year. We look at green crude that it is not difficult to produce and the current private farm is looking to expand their production. The cost comparison between the two is that for startup in production to create green crude is expensive but its benefits outweigh the costs to our society.

As we produce more fuel inside our country it allows us to rely less on the other countries oil while focusing more on the importance of our own. The Green Crude productions facilities are expanding in leaps and bounds and very soon they will work on purchasing into the oil market. I think there should be more of a push to help them get into the system because we can benefit from this in so many ways. Once they are finally out of the testing stages and into full production; we can rely on this system to pull carbon out of the ozone and produce our fuel. This system can only be a success from what I see as we cannot ask for a more perfect painted picture. The more we support this and the public pays into it the more we can get out of it.

The future is now and the new developments are being discovered every day. It is up to not only the government but up to every person to make sure that their voice is heard. I don't mean only the ones here with us either from my last statement, but I mean for the ones who haven't been born into this world yet. We need to keep in mind that there are generations coming into our troubles and successes after we may be long gone. We need to make the decision now

whether we will leave this world in rubble for the following generation or make it everything that we had in our lifetime and more.

References:

<http://www.sapphireenergy.com/locations/green-crude-farm>

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