

Andy J. Chantes

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Unit 2, writing assignment

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How Renewable Energy, and sustainability benefit us?

Intro

The growth of humans throughout the years of revolutions have made us come to extent to where we must embrace different things or made us change our way of living. When the industrial revolution started many did not know the damage that would do to our planet. Now in 2020 more them hundred years from that time, we are now dealing with a not so new problem, that is endangering our lives as well as our own planet. The pollution that sounds us, in the air, and water is damming us economically, and environmentally. The damage of many to many natural disasters happening because of global warming. Wildfires happening almost every year across the world due to high temperatures, in very dry areas. Sea levels and temperature rising making it uninhabitable for all the wildlife. We need a new revolution one that will make green cities, and at the same time create a good economy with jobs that will create a difference and make an impact on our planet. Which is how we can use renewable energy and apply it to sustainability. New buildings go up every day designs are made, energy plants make thousands of kilo watts per hour, and millions are made a year, all of that is consumed by us. What if we can make all that energy tons of KW by replacing most nonrenewable energy plants and make them into renewable energy plants. To start off with commercial building to make most of their energy consumption made from renewable energy. It would revolutionize the world by bring new jobs by saving lives and standing up to climate change and the increases of pollution and temperature we are seeing. The following evidence bellow I will present to you all is a couple of sources I put together to give you all an idea what you can expect from renewable energy.

Citation

Araya, Monica. "A Small Country with Big Ideas to Get Rid of Fossil Fuels." *TED*, June 2016, www.ted.com/talks/monica_araya_a_small_country_with_big_ideas_to_get_rid_of_fossil_fuels.

Summary

For a final source I choose a TED talk which is one of the best sources you can rely on mostly because all the speakers are experts in what topic is being discussed. What I can say about this TED talk is, it was interesting how a Costa Rica can be an amazing candidate to develop new ways of renewable energy. As Monica Araya says in here talk. she explains why

they would be a good place to start to become more ecofriendly, she went back all the way back to the civil war of Costa Rica and how people learned from that by abolishing the army and using those funds to invest in better stuff that will help the environment that would help the country later on. They are using funds from the army to give back to the people. It shows how they have used those funds to the peoples benefit. How they use what is around them to create electricity, as well and energy that will not hurt the people, planet, or other living creatures around them. As well as their economy has seen great progress because of this. She does not just talk about that, but she talked how over the year they were able to accomplish that. The growth of many national parks in their country, the money that is was used to war was now making a difference in people's lives in a good way, she says why this is very important to the people that live there mostly because many of them depend on the natural resources around them.

Reflection

What I think about this, is that it is amazing how such a small country can be the center and the start of a new way to develop our environment around us. How we can follow their ways to become better. They cut funds from their army something that creates violence and bloodshed, the death of many people. What if every country in the world did that? It would be almost a perfect world for all of us we would not have to live in a world with war and use that money and invest it in public funds to help the people. Hearing and watching Monica Araya talk about this topic is amazing how little countries can make a difference in the littlest of ways. The way so many counties can learn from this example to make a better world and not destroy it with violence and pollution. I really loved this TED talk as well because I learned something new that I did not know about Costa Rica, I did not know they did not have an army. It just seemed so surprising to me how in big countries like the US our government rather spend more on our military expenses than they do on green energy. Just imagine the counites with a lot of welt can do for our planet, but they rather spend it on something that is destroying us as human beings. It is just extremely shocking to me, but the more power you have lest you will care, and I've seen that happens in so many places.

Quotation

“In the '50s, we started investing in hydropower, and that kept us away from the trap of using fossil fuels for electricity generation, which is what the world is struggling with today. In the '70s we invested in national parks, and that kept us away from the deeply flawed logic of growth, growth, growth at any cost that you see others embracing, especially in the developing world. In the '90s, we pioneered payments for ecosystem services, and that helped us reverse deforestation and boosted ecotourism, which today is a key engine of growth. So, investing in environmental protection did not hurt our economy.” (Araya)

Citation

Blackwell, Amy Hackney. “New York.” *GALE IN CONTEXT Environmental Studies*, 2018, go-gale-

com.citytech.ezproxy.cuny.edu/ps/retrieve.do?resultListType=RELATED_DOCUMENT&searchType=ts&userGroupName=cuny_nytc&inPS=true&contentSegment=&prodId=GRNR&docId=GALE%7CCZSPPP224584970&it=r.

Summary

The article from Amy Hanckney Blackwells I present is the accomplishments of NY in the environmental topic how many acts have been passed and have helped many people in various ways. Not just people but the way of living, better protection against our wildlife and us. I got this source from the City Tech library data base, showing that is a reliable source and can be trusted. It talks about cleaning up our local the Hudson River, how that can benefit the wildlife needs that water, how we have dumped trash in there for year. If that affect the wildlife when we consume the fish that live there with all that contaminated water it makes a huge impact us on humans by bring many diseases, health problems, and immune system disorders. It shows data of how much power NY consumed in 2017 and what where the energy came from, 40% they say came from natural gases, 25 percent from hydroelectricity. It as well talked about green buildings and what LEED (Leadership in Energy and Environmental Design), and how this all started back in 2005 which was a law that said all new renovations of buildings or new buildings must seek Leadership in Energy and Environmental Design, and if they do they will reserve an award on that buildings that it is LEED certified All this to show the people why it is we need to start using more renewable energy and most importantly why it good why we need it. It shows how in 2009 the governor of NY aimed to create 14,000 green jobs and encourage investment in energy efficiency improvements for both residential and commercial buildings, by taking down one of the issues that was getting in its way, which was retrofitting a home. They say it was to create these high skilled jobs for the green industry to grow and do much more later.

Reflection

What I can reflect on what I just read is that I see more of a significance of why we need to start using more renewable energy to produce electricity. It shown me how a group of people can make a huge difference in a matter of years to help us grow as human beings and develop new ideas that will help us later. It shown me what amazing things NY has done over the past couple of years to make the green industry grow even more, to make a better future a plan that will benefit us all. The new Academic building at NYC College of Technology is a certified LEED building which I was really excited to see that I attend a school that has a LEED certification. It makes me feel that that no matter where you go to school no matter where you come from you can make huge impacts in this world. That the green industry is growing, and will keep on growing in so various ways, which will help our future generations. It is important not to oversee what the green industry can do for us how it said in the article, it creates 14,000 green jobs, for people in the state. Now wouldn't it be great if every country In the world could exercise that into their societies, we can save a ton of money help the economy grow by creating multiple green jobs, while not contaminating our planet.

Quotation

“New York gubernatorial administrations have taken steps to address climate change in the state. Former three-term governor George Pataki (in office 1995–2006) began this process in June 2001, when he formed the New York State Greenhouse Gas Task Force. The task force was charged with developing policy recommendations for reducing the state’s greenhouse gas emissions; in 2003, it recommended a greenhouse gas reduction target of 5 percent below 1990 levels by 2010, and 10 percent by 2020.”(Blackwell)

Citation

“Eyemouth Wind Farm Maintenance Base Promises Dozens of Jobs.” *BBC News*, BBC, 7 Sept. 2020, www.bbc.com/news/uk-scotland-south-scotland-54055918.

Summary

I choose BBC as a reliable source based mostly because it is one of the most trusted in the UK. I saw a news report based on a wind farm that is designed to produce fifty jobs over the span of twenty-five years, and what it shows is for a little town called Eyemouth. It says that it is to provide when it is done provide renewable energy to more than 375,000 homes. They say that this would be the biggest renewable project in Scotland. They say in the news article it is “fantastic socio-economic benefits for the town”. The news report seems to give a good review on this, and it shows what benefits it would bring to this town. This comes to show what little things people around the world can do this may have not been such a long report but there is a lot to get out of this. To show the people how change can start in little places.

Reflection

How I said it was not much to say about this news report but how I said that change will not happen from one day to another. Big cities could learn from this example take little neighborhoods and make them consume only renewable energy. How I said in my intro I want to see big commercial building consume most of their energy from renewable energy. So many forms of thinking to make a better place around the world. It also comes to show what I said about the economy they are creating jobs fifty jobs across the span of twenty-five years, that is still something. Compared to small wind farm, imagine compared to a wind farm city where people will have more chances to more chances due to them being bigger. Not just wind farms but hydronic systems as well. All the jobs people can have just for maintenance, to make sure everything is up and running to make sure our planet is up and running in perfect health.

One Quotation – “The operations and maintenance base in Eyemouth has been estimated to provide up to 50 jobs over the 25-year lifespan of the development.”

Conclusion

What I learned from this research was just another way of making an argument, for people to hear your voice and show them in what you believe and want, in a very informative and effective way. Not just about how I wrote the paper but as well as how I tried to convince the reader on why what I am is the correct thing to do, so in other words there was much more space to express myself in this type of writing. I learned new things on what I was arguing about, and how the current situation is developing. What still needs to be improved and what areas of this we have exceeded. How my thinking changed was the way I could express myself and how there is so many ways for you to be heard, and that little things like this can make a huge difference if your facts are correct and talk to the correct audience. Not just in the writing aspect but as well as in what I was trying to argue in this project the way I think about renewable energy and sustainability is much more complex to what it was before reading articles and hearing about it on a TED talk. How this discourse community could benefit from this information is by using this to convince more people to join their discourse community.