

HAWAII NEXT 50 YEARS

Living in Hawaii is great, but I want to make it even better. Hawaii is one of the best places to live, but one problem is Hawaii hasn't reached its 100% renewable energy goal, so I thought of some ideas that can help.

First, Hawaii is very sunny, so I thought about putting solar panels on sidewalks. This can help Hawaii reach its 100% renewable energy goal. These have been used successfully in the Netherlands. Even though the solar path in the Netherlands is only 328 feet long, it can power three homes. If more solar sidewalks like these are built in Hawaii, they can power even more homes. The solar panels convert sunlight into energy. The good thing about the solar sidewalks is that they are strong enough to walk and ride bikes on. They will also just act like a normal sidewalk, except they will make energy!

I also thought of putting gardens on roofs. This will help cool off the roof, so less electricity will be needed for air conditioning. Such rooftop gardens do well in Brooklyn. These rooftops will help so that less storm water will run off the roof. The garden can be made out of recycled materials, so the buildings don't have to spend a lot of money on it. The people who live or work in the building can even eat what they've grown in the garden!

Another idea is that we can put turbines in city water pipes. Hawaii uses a lot of water, so that is why this will help. This will create energy when water flows through and turns the turbines. Not much changes are needed, besides installing the turbines. It takes a lot of energy to pump water, but with the turbines the water company can use the energy that the turbines create.

Parks and highways need light, that is why I thought of having solar powered lights. These lights can be used almost any were, from stores to parks. The lights will be powered

during the day and will light up during the night. If the day is cloudy or rainy, the lights can use regular electricity.

These four ideas will help Hawaii reach its 100% renewable energy goal. It will also make it an even better place to live for future generations. We have to keep on trying to reach our 100% renewable energy goal to help not use imported oils and polluting energy. Let's stop sitting around and use these ideas to help the people of Hawaii reach their renewable energy goal!