

TOP TEN REASONS WHY

RENEWABLE ENERGY IS COOL!

1 Because it's magic

Just think about it, you can use something that is free and will never run out (unlike fossil fuels) and turn it into electricity. Water, sun, wind and... erm... poo will always be around. That's magic!



2 Because cows look good in pink

A single cow produces more than 70 gallons of methane every day. Scientists are working on ways of capturing it, so we can use it as an energy source, and stop it escaping into the environment and causing climate change. Strapping a pink container to the cow's back is one idea!



3 Because Barack Obama's Grandma uses it

Momma Sarah Obama has solar power fitted into her house. She can now have electric light and watch her grandson on the telly. If it's good enough for her I reckon it's good enough for you and me.



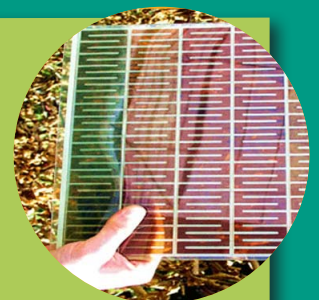
4 Because it can be used to power cars

Every year people around the world go to Australia to compete to become the World Solar Car Champion. Some of the world's brightest scientists and engineers are working on harnessing solar power to help develop wacky looking cleaner cars that we may end up driving in the future. How cool is that?



5 Because it's colourful

In New Zealand researchers have developed synthetic dyes that can be used to make electricity at one tenth of the cost of silicon-based solar panels. They come in a range of really pretty colours (including pink) and work in low light so would be great for our rubbish weather!



6

Because it gives cute kids in developing countries better lives

In Nepal for example micro hydro, solar, wind power and biogas plants have all been installed in a renewable energy village. Children can now have the gift of light in the evening. Imagine how sad you would be if you had a life without electricity ☹️. No facebook, no msn, no xbox... and all they want is a light.



7

Because it's sustainable

Let's just take a bit of a reality check here. If we want to live on this planet for a long time we are all just going to have to be more **sustainable** (use less energy blah, blah, blah, yes I know it's boring but it is really important). The good news is if we do we could end up living in **pretty pink sustainable houses** 😊. Hmm... we seem to have a bit of a pink theme going on here.



8

Because it can change poo into something useful

In developing countries biogas digesters are used to break down **cow dung** into **methane** which is used for cooking (yuck). Other places are seeing if they can do this too using **human waste** (even yuckier).



9

Because Steven Hunt says so

Steven is a genuinely nice guy with a lovely wife and a cute cat called Zola. He is an engineer who works at **Practical Action** spreading the word amongst politicians, scientists and engineers about how cool renewable energy really is. He wants to see a world where renewable energy is part of normal everyday life, and where we can stop burning fossil fuels which just cause climate change and ruin lives.



10

Because it can't kill you

Unlike some non-renewable energy sources (we're talking oil and nuclear) renewable energy can't cause **fatal accidents** or **pollute the earth** and its inhabitants... that includes you, me and cute little **penguins**.

