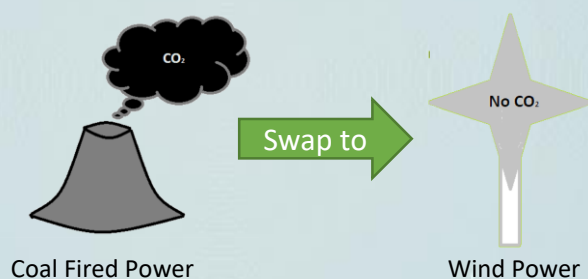
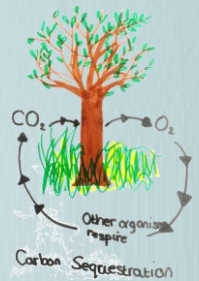


CarbonFootprint Hero:

What is Carbon Offsetting?

Carbon offsetting is a way to **balance out damage** we do to the environment by **supporting projects** that **reduce CO₂ emissions** in different places in the world. Here are some examples

- **Tree Planting - Carbon Absorption** also known as 'sequestration'
 - Trees absorb CO₂ and release oxygen by photosynthesis
 - Planting and protecting trees means more sequestration
- **Renewable Energy – Wind Power & Solar Power**
 - We can work out how much CO₂ we make by burning coal
 - So we know the amount of CO₂ we save by switching to a renewable source



- **Reduced Energy Use Processes – in Developing Countries**
 - People in **countries like Uganda** need to boil water to make it safe – causing carbon emissions– instead **Water Borehole projects** provide clean water without the carbon
 - People in rural **Sudan** use open fires to cook - instead **energy efficient cookstoves** use far less fuels to reduce carbon and because they release less particles in the air, are better for people's health

More About Projects

www.carbonfootprint.com/plantingtrees.html

www.carbonfootprint.com/vcs_panama_wind_india.html

www.carbonfootprint.com/gs_darfur_cookstoves_offset.html