



assembly



Listen to the music



Listen to grown up



think



Singing

How are all these pictures linked?

Our new focus....



What is energy and what do we need it for?



What are fossil fuels?

They are natural NON-RENEWABLE resources which give us energy when they are burned

Coal



Oil



Gas



These fuels were formed in the earth over millions of years.

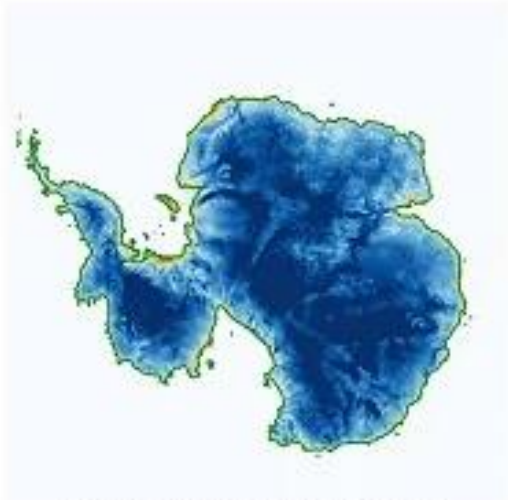
Coal comes from ancient forests and plants.

Oil and gas come from tiny decayed sea creatures.

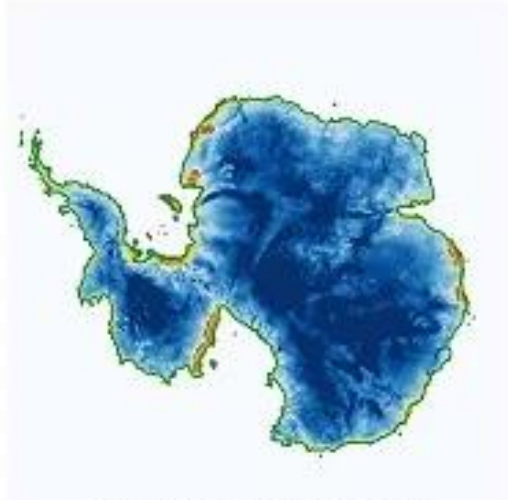
BUT when fossil fuels are burned to make energy, they release greenhouse gases and cause climate change.



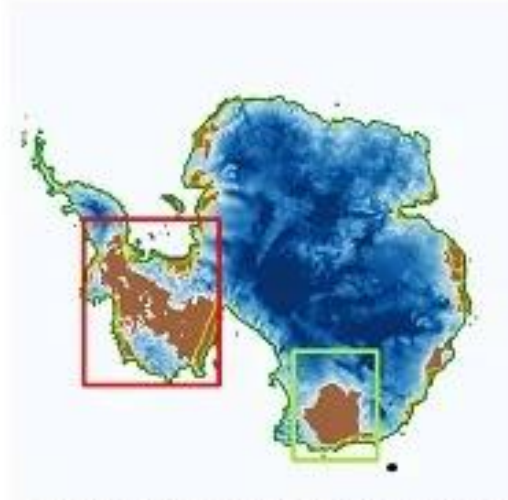
The Antarctic



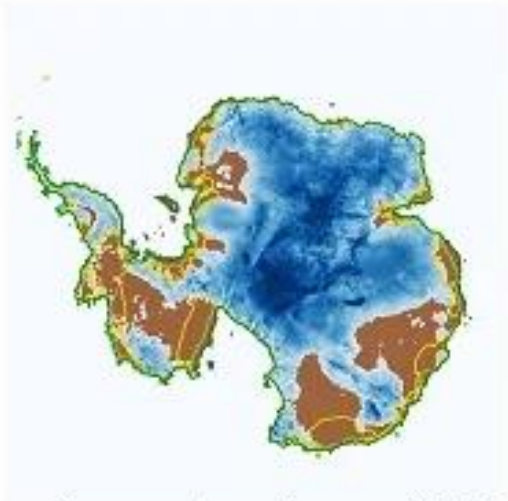
"No further emissions" 0 GtC



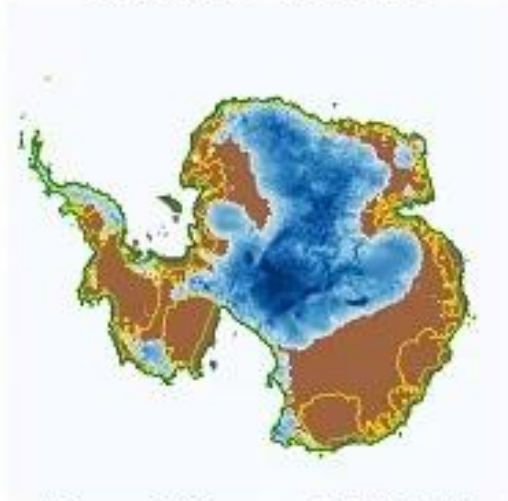
"Leave 95% underground, stay under 2 °C" 500 GtC



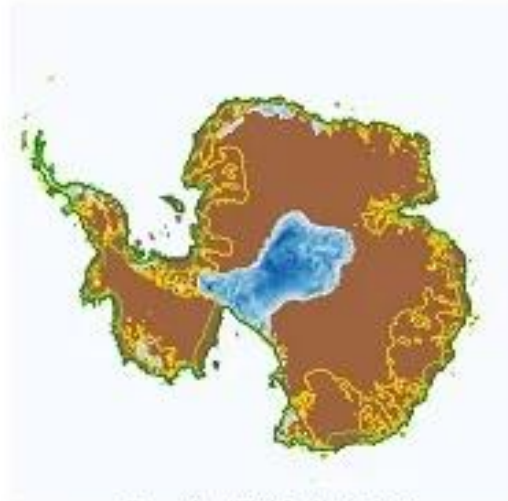
"Leave 90% underground" 1000 GtC



"Leave three-quarters underground" 2500 GtC



"Leave half in ground" 5000 GtC



"Burn it all" 10,000 GtC



Fossil fuels are also non-renewable

Once you burn oil, gas, and coal it's gone for good – and fossil fuels will run out.

They will run out between 50-100 years.

That means this is a major problem for us, our children, and our grandchildren.

The less energy we use the fewer fossil fuels we need and...

The more the planet is protected

