

Solar Energy from the sun's rays can provide electricity and heat energy ENERG to warm houses and businesses. RENEWABLE Coal GeeBus Coal is a type of rock made of carbon, ERG which has formed from the decay of many plants and animals under high temperature and pressure Z conditions over millions of years. It is a fossil fuel. **N-RENEWABLE** 0





Methane Geagus U HD Methane  $(CH_4)$  is less abundant than CO<sub>2</sub> but has a much more powerful GHG effect. It is emitted into GASES the atmosphere by farming, landfilling, industrial processing and coal mining. **GREENHOUSE** Gas GeeBus Ն Natural gas is a fossil fuel, formed ER over millions of years of burial and decompostion of marine Z zooplankton. It can be combusted to generate electricity. ш EWABL Z X Ζ 0





**Fossil Fuels** When fossil fuels are burnt in power stations they produce CO<sub>2</sub> and water as byproducts of combustion. C **Oceans** Oceans and large lakes absorb CO<sub>2</sub>. Algae use it to grow and some  $CO_2$  forms coral. SINKS CO<sub>2</sub>

















**Saline Formation** A saline formation is undrinkable water deep under the ground, in G which  $CO_2$  can be stored. 2 0 S C02 Ship GeeBus If the injection site is offshore then the CO<sub>2</sub> can be transported **TRANSPORT** by ship. Another method of transport is required to take the  $CO_2$  from source to ship. 002

























