30% of Solar radiation **Greenhouse Effect** is reflected by the atmosphere and surface Trapping heat in the atmosphere **Atmosphere** Soos of solar radiation (shortwave ultraviolet visible) Greenhouse Gases - GHG's is abs i.e. orbearby the attnoss one stross one sone attross one ere 90% of the infrared (longwave) below. This energy is converted to infrared Greenhouse gases are (longwave) largely transparent to radiation / heat incoming ultraviolet (short wave) radiation





radiation gets absorbed by GHG's. This energy is then reradiated in all directions, causing further warming



