## 1.3.3 Global Warning Potentials

DG reenhouse Gases (GHG)

- any gas in the atmosphere which absorbs & re-emits heat
- · keeps atmosphere warmer than it otherwise would be

## De Global Warning Potential (GWP)

on index expressing amount of atmospheric warming a gas causes over a given period of time (compared to  $\Omega_z$ )

CHG

CO2

Methane (CH4)

Nitrous oxide (N20)

HFC

PFC

9390-12, 200

NF3

NF3

NT.200

## Measuring emissions

- useful to measure this in a common unit Coze
- · Coz e
  - " signifies the equivalent amount of CO2 which would have the equivalent global warming impact
- · Any GHG can be expressed as Core by:

mass amount GHG X GWP

1, 3, 4 Carbon Footprint Calculations

## 1,3,4 Carbon Footprint Calculations 1 Carbon Footprint · Contribution of human activity to global warming · measured as area of productive land & scar required to absorb equivalent CO2 emitted by the activity · Common unit of measurement: Tonnes Coze