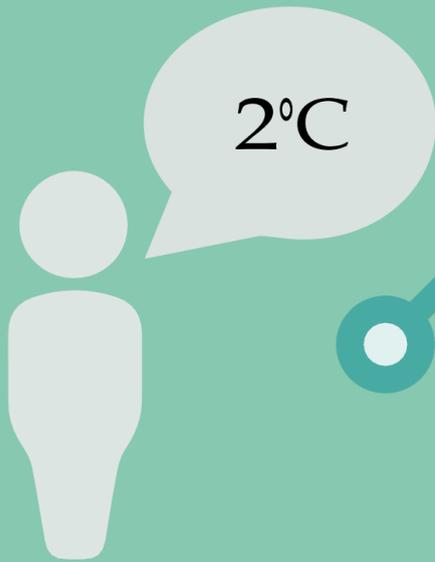


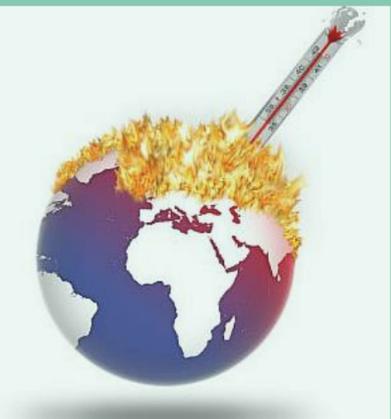
CLIMATE CHANGE AND GHG EMISSIONS



Temperature changes can be kept to less than 2 °C if atmospheric concentrations in 2100 remain below 450 ppm CO₂eq.



This would require lowering global GHG emissions by 40 % to 70 % by 2050 compared to 2010 levels



No additional mitigation could result in global mean surface temperature increases in 2100 from 3.7 °C to 4.8 °C compared to pre-industrial levels



From 2010 1000 billion tonnes of CO₂ could still be released with a 50:50 chance of keeping temperature increases below 2°C. Over 40 years, this would average 3.65 tonnes per capita per year.