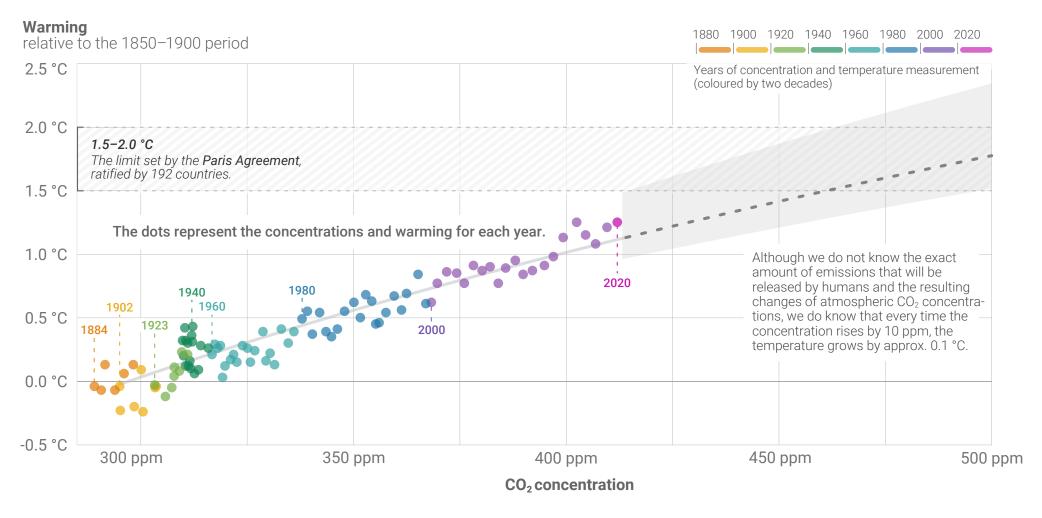
## HOW ARE CO<sub>2</sub> CONCENTRATIONS RELATED TO WARMING?



The higher the  $CO_2$  concentration in the atmosphere, the higher the Earth's temperature. The levels of atmospheric  $CO_2$  depend on the amount of emissions produced by humankind.



CO<sub>2</sub> concentration is measured in ppm (parts per million). The CO<sub>2</sub> concentration of 400 ppm means that one million of air molecules contains 400 molecules of CO<sub>2</sub>. Carbon dioxide (CO<sub>2</sub>) contributes to global warming more than any other greenhouse gas: the greenhouse effect is intensifying and 70% of this change is caused by CO<sub>2</sub>.