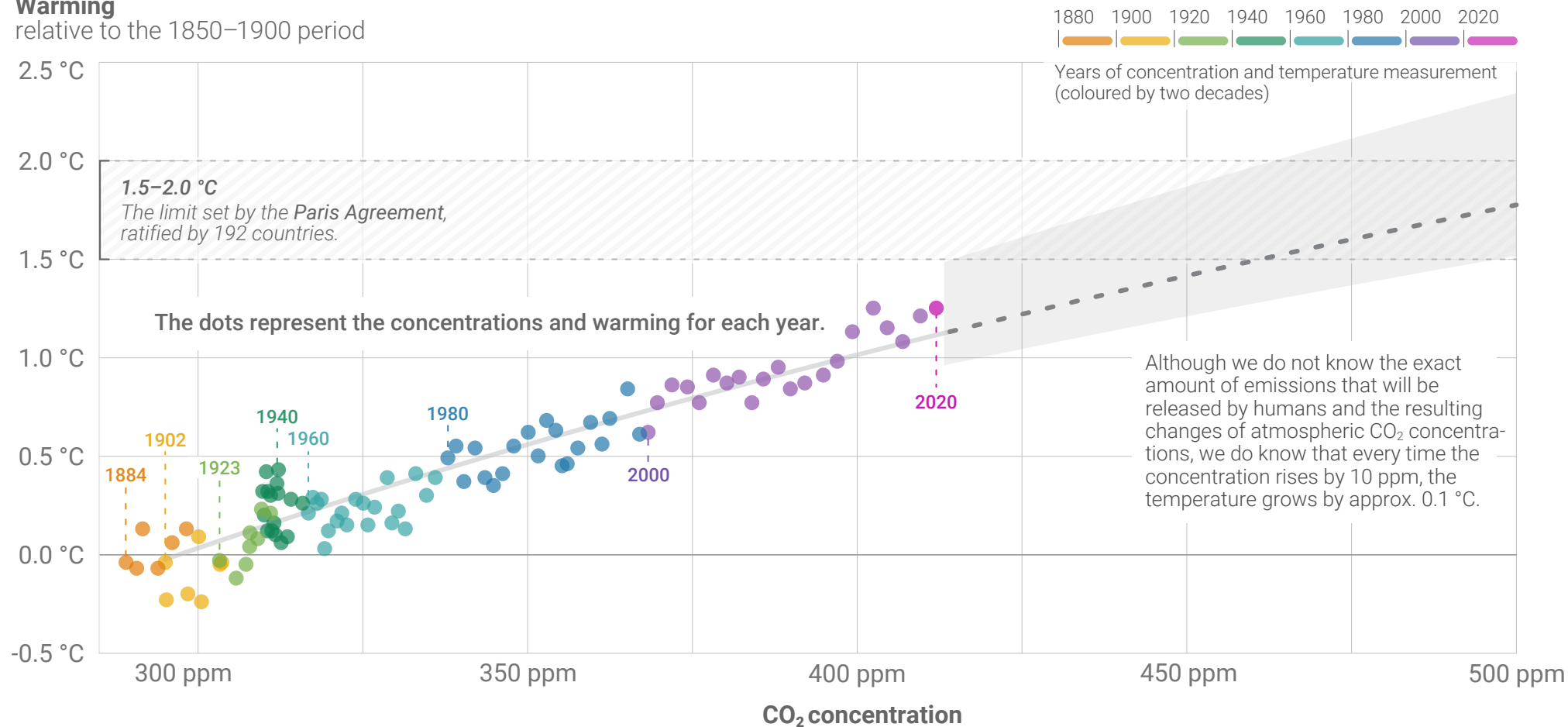


HOW ARE CO₂ CONCENTRATIONS RELATED TO WARMING?

The higher the CO₂ concentration in the atmosphere, the higher the Earth's temperature. The levels of atmospheric CO₂ depend on the amount of emissions produced by humankind.

Warming

relative to the 1850–1900 period



CO₂ concentration is measured in ppm (parts per million). The CO₂ concentration of 400 ppm means that one million of air molecules contains 400 molecules of CO₂. Carbon dioxide (CO₂) contributes to global warming more than any other greenhouse gas: the greenhouse effect is intensifying and 70% of this change is caused by CO₂.