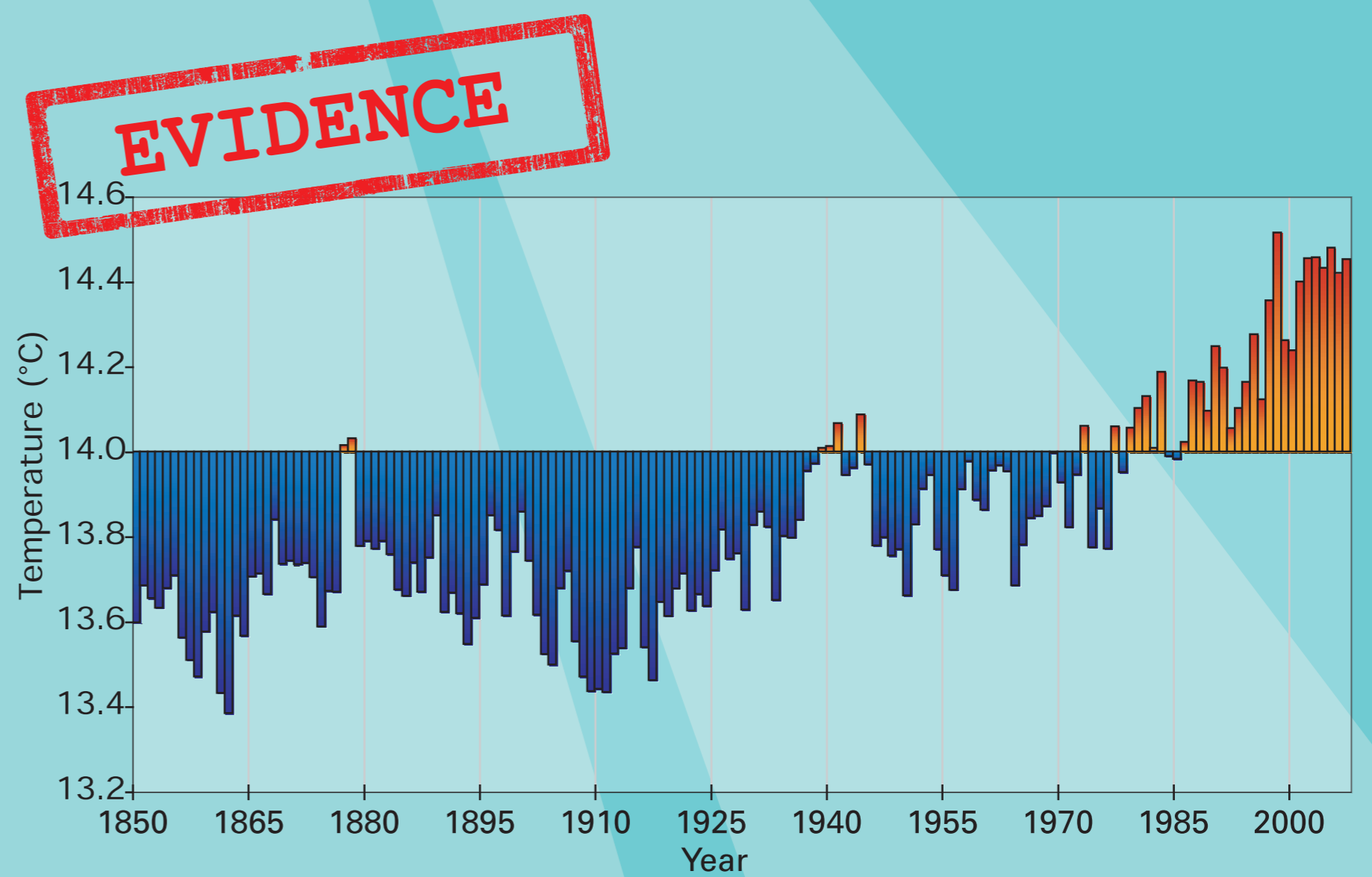


CLIMATE CHANGE

If you stand outside on a sunny day you can feel the warmth of the Sun reaching the Earth. Some of this heat is trapped in our atmosphere by gases like carbon dioxide (CO₂) or methane – ‘greenhouse’ gases. CO₂ levels are rising and scientists are confident that this is mainly because we burn so much coal, oil and gas for energy.

Scientists also now agree that this is causing unnatural warming of our planet, leading to climate change.



These are the facts. The graph shows average temperatures rising since the early 1900s. We are now experiencing the warmest temperatures for at least 1300 years. All countries now agree that this is really happening. What can we do about it?"

Source: Met Office Hadley Centre



The effects of climate change will grow ever more extreme, making this the greatest threat we face as part of life on earth.

Over the past century Earth has warmed by 0.7°C. Extreme weather events are on the rise as a result, and scientists predict even more in the future. Earth has survived climate chaos before but this time it's much faster and that's a big problem for life currently on board, including us.

All is not lost, but we have to act together now - will you be part of saving life on earth?

Molecules of carbon dioxide in the atmosphere trap heat, warming the Earth.



Find out more at zsl.org/climatechange