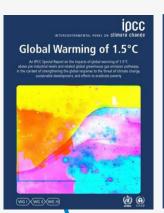


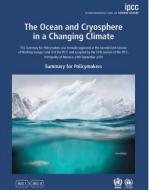
SIXTH ASSESSMENT REPORT

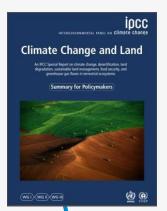
INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

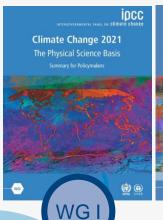


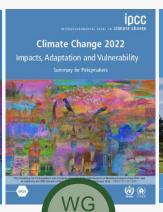


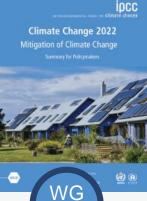












Synthesis Report





Recent changes in the climate are widespread, rapid, and intensifying, and unprecedented in thousands of years.

[Credit: NASA









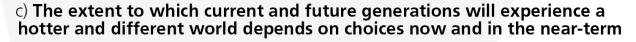
[Credit: Yoda Adaman | Unsplash]

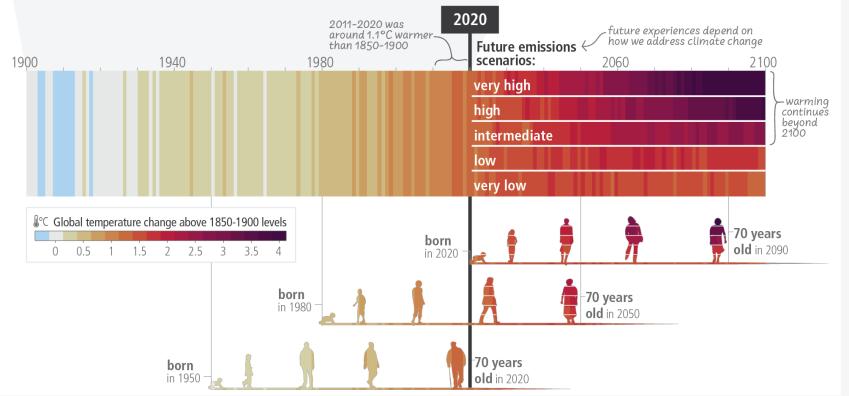
It is indisputable that human activities are causing climate change, making extreme climate events, including heat waves, heavy rainfall, and droughts, more frequent and severe.

















[Credit: Hong Nguyen | Unsplas

Climate change is already affecting every region on Earth, in multiple ways.

The changes we experience will increase with further warming.







has caused dangerous and widespread disruption in nature...









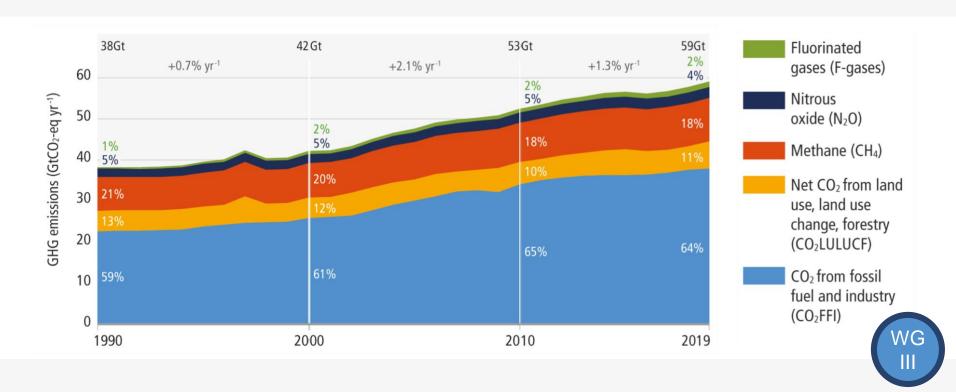
Climate resilient development is already challenging at current global warming levels.

The prospects will become further limited if warming exceeds 1.5°C and may not be possible if warming exceeds 2°C.





We are not on track to limit warming to 1.5 °C.

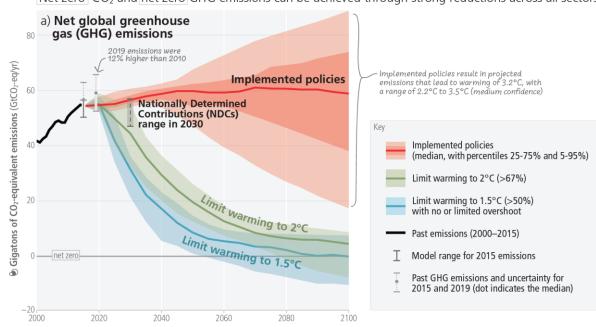








Net zero CO₂ and net zero GHG emissions can be achieved through strong reductions across all sectors



Limiting warming to 1.5 °C

- Global GHG emissions peak before 2025, reduced by 43% by 2030.
- Methane reduced by 34% by 2030

Limiting warming to around 2°C

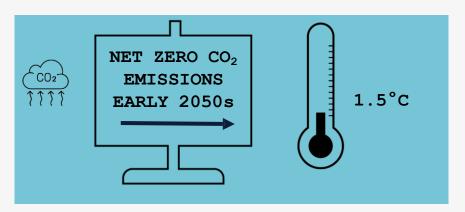
 Global GHG emissions peak before 2025, reduced by 27% by 2030.

(based on IPCC-assessed scenarios)





The temperature will stabilise when we reach net zero carbon dioxide emissions





(based on IPCC-assessed scenarios)





There are options available **now** in every sector that can at least **halve** emissions by 2030



Demand and services



Energy



Land use



Industry



Urban



Buildings



Transport







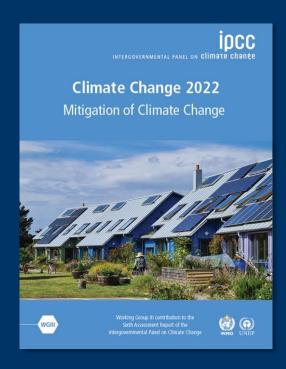




- potential to **bring down** global emissions by 40-70% by 2050
- walking and cycling, electrified transport, reducing air travel, and adapting houses make large contributions
- lifestyle changes require systemic changes across all of society
- some people require additional housing, energy and resources for human wellbeing







The evidence is clear:
The window to secure
a livable future is
closing and the time
for action is now.



