

# Sustainability Action 2021 - 2030

This document presents 20 points on the importance and urgency of action to repair and protect the planet over the next decade

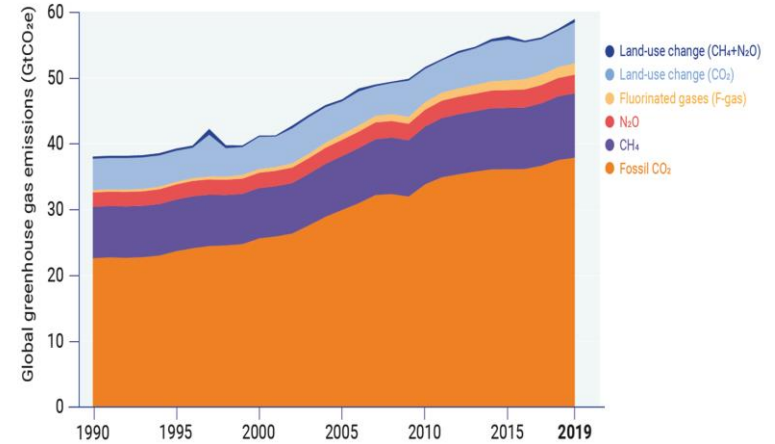
# Sustainability Action 2021 - 2030

Tony Curran

Key messages:

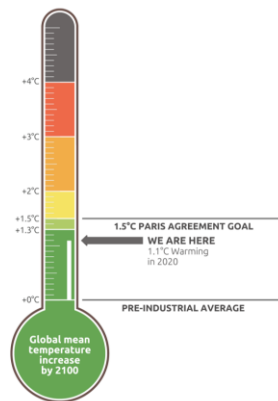
1. Meaningful climate action is now urgent
2. The action of individuals is important

Key messages: urgency and individual action



Emissions are still rising year on year

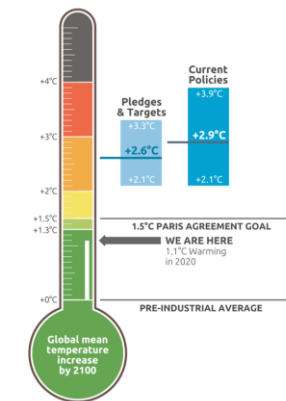
[unenvironment.org/emissions-gap-report-2020](https://unenvironment.org/emissions-gap-report-2020)



We're aiming to limit warming below 2°C, 1.5°C if possible...

[climateactiontracker.org/global/cat-thermometer](https://climateactiontracker.org/global/cat-thermometer)

## CAT warming projections Global temperature increase by 2100

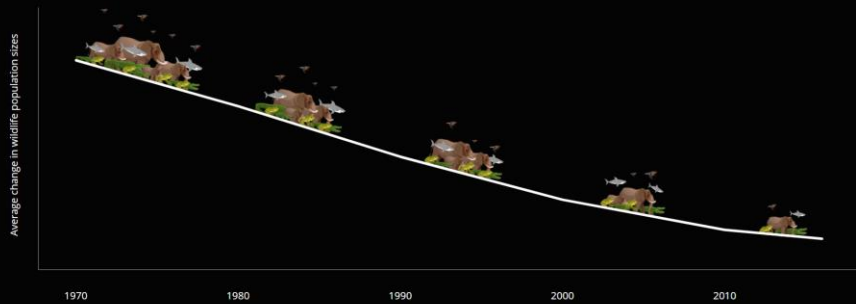


... but we're on track for 3°C warming

[climateactiontracker.org/global/cat-thermometer](https://climateactiontracker.org/global/cat-thermometer)

## THE LIVING PLANET INDEX

The population sizes of mammals, birds, fish, amphibians and reptiles have seen an alarming average drop of 68% since 1970.



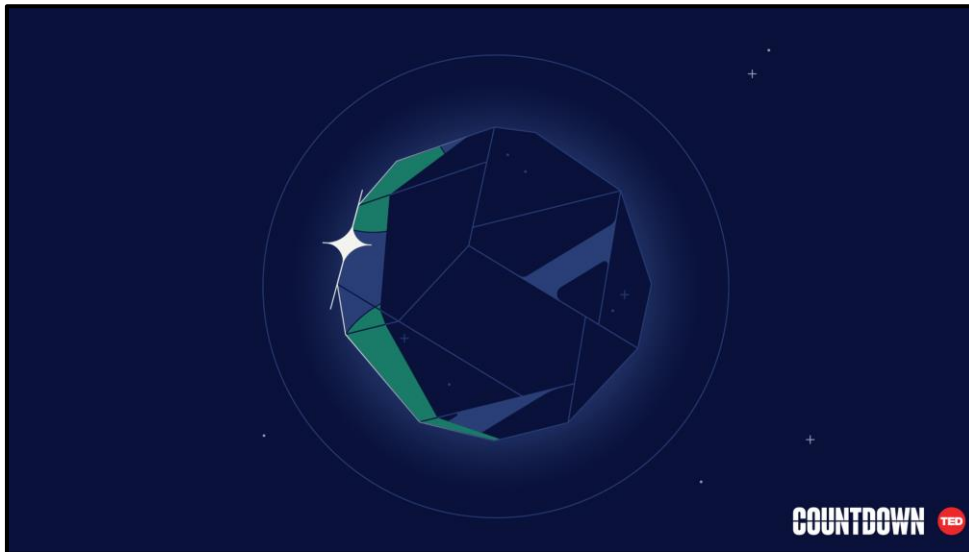
Biodiversity is being destroyed at an unprecedented rate

[livingplanet.panda.org](http://livingplanet.panda.org)



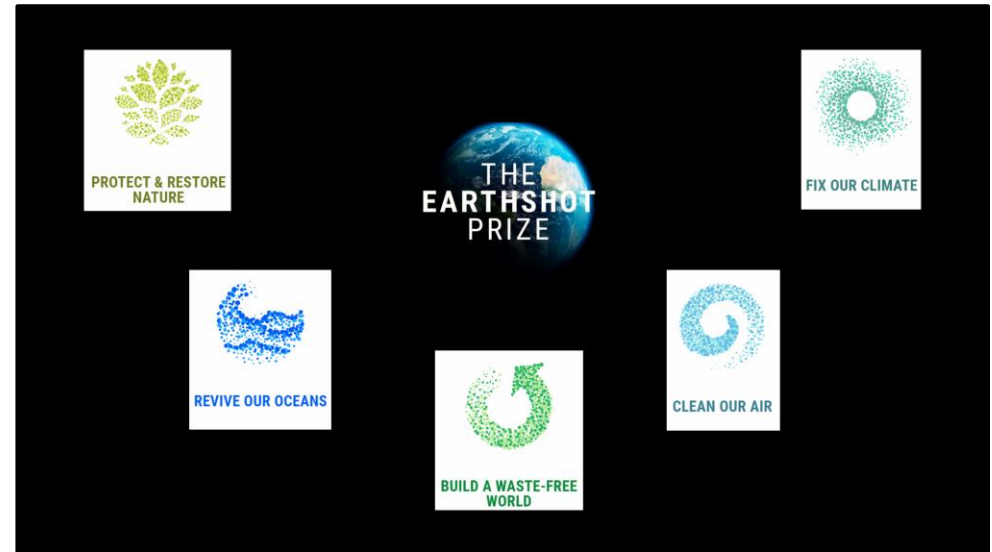
Climate change worsens extreme weather and its impacts

[ipcc.ch/sr15](http://ipcc.ch/sr15), [reliefweb.int/report/world/natural-disasters-2019](http://reliefweb.int/report/world/natural-disasters-2019)



Urgency: 'global emissions need to be halved by 2030'

[countdown.ted.com](http://countdown.ted.com)



5 ambitious 'Earthshots' to repair our planet by 2030

[earthshotprize.org](http://earthshotprize.org)



Young people around the world are demanding urgent action

[fridaysforfuture.org](https://fridaysforfuture.org)



**extinction  
rebellion**

ER demands: tell the truth, act now, form Citizens' Assembly

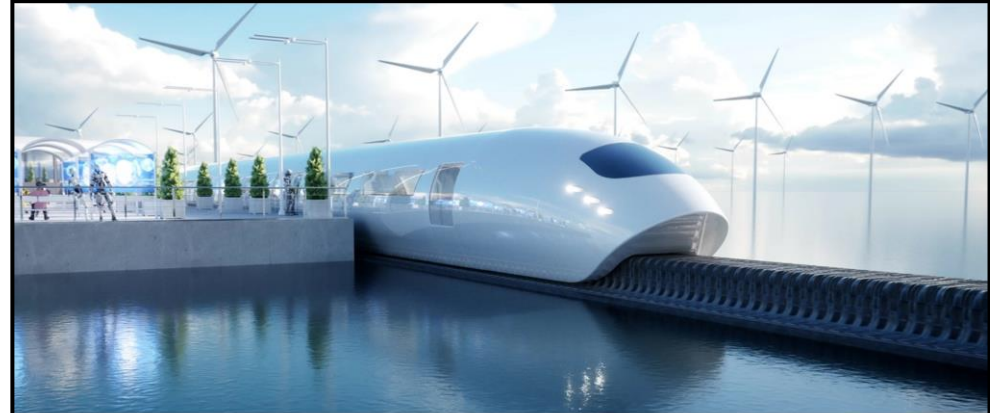
[rebellion.global](https://rebellion.global)

**RACE TO ZERO**

**1,397** Businesses   **454** Cities   **74** Investors   **23** Regions   **569** Universities

Governments/UN role to catalyse action to drive down emissions

[racetozero.unfccc.int](https://racetozero.unfccc.int)

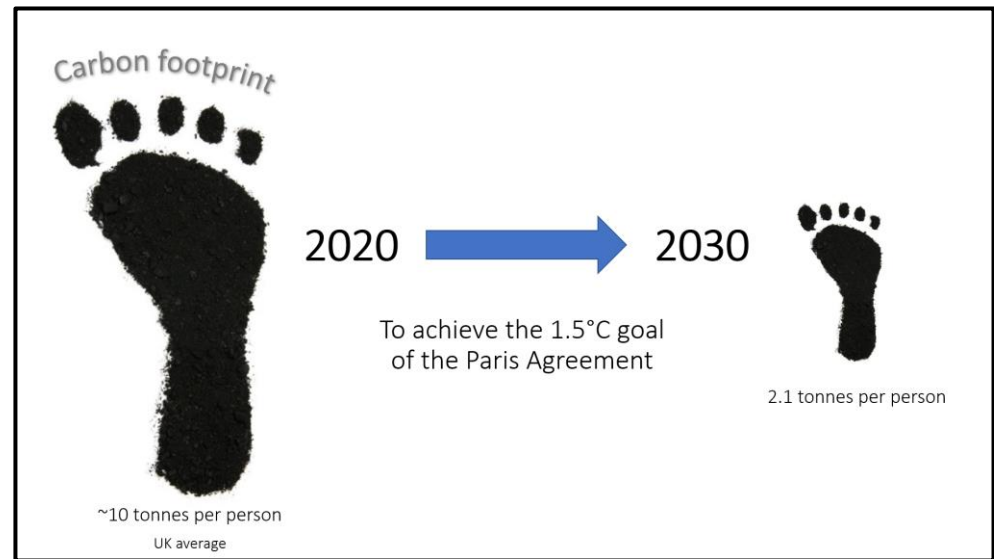


Businesses will bring low carbon technologies, energy & products



We all need to become stewards of the planet

[ted.com/series/countdown](https://ted.com/series/countdown) (Johan Rockström talk)



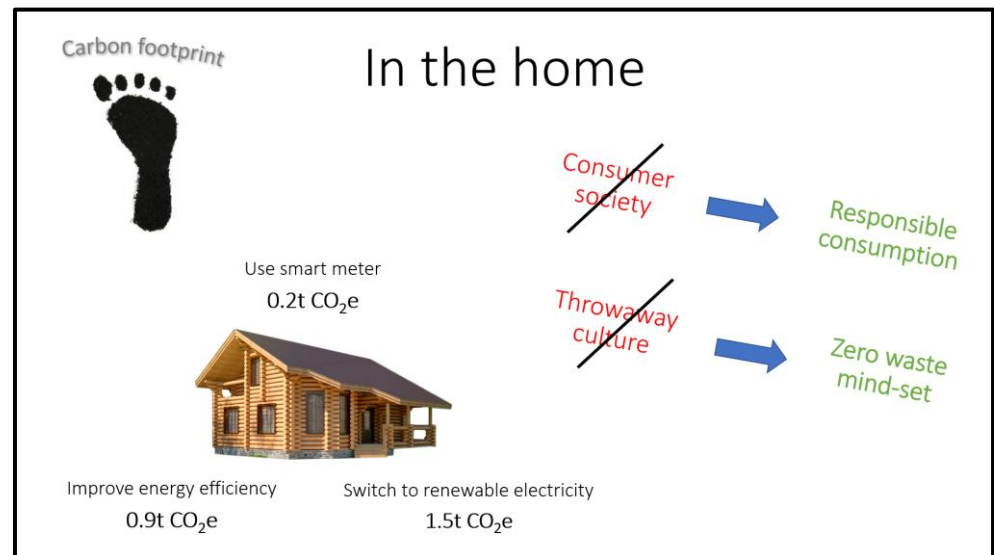
Can individuals reduce their carbon footprint to a sustainable level?

[unenvironment.org/emissions-gap-report-2020](https://unenvironment.org/emissions-gap-report-2020)



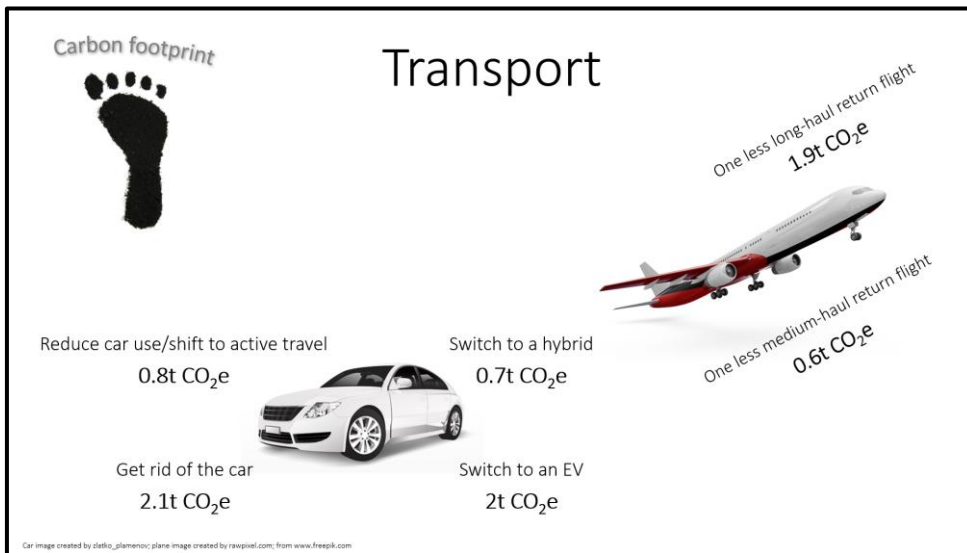
Yes: most of our carbon footprint is in our direct control

[unenvironment.org/emissions-gap-report-2020](https://unenvironment.org/emissions-gap-report-2020)



We can reduce carbon emissions in our home and lifestyle

[iopscience.iop.org/article/10.1088/1748-9326/ab8589](https://iopscience.iop.org/article/10.1088/1748-9326/ab8589)



We can switch to low carbon modes of transport

[iopscience.iop.org/article/10.1088/1748-9326/ab8589](https://iopscience.iop.org/article/10.1088/1748-9326/ab8589)

## The A-B-C of low carbon eating

**A**void wasting food

**B**uy in-season food

**C**hoose low carbon food more

[tonycurran.co.uk/burger-apocalypse](https://tonycurran.co.uk/burger-apocalypse)

We can avoid most of the average food carbon footprint

[tonycurran.co.uk/burger-apocalypse](https://tonycurran.co.uk/burger-apocalypse)

~ Menu ~

This year's specials

Item	cost (carbon)
Vegan	-0.9t
Vegetarian	-0.5t
Organic	-0.5t
Local	-0.4t
Seasonal	-0.2t
Low food waste	-0.3t

We need to eat less meat, especially beef, and less dairy

[iopscience.iop.org/article/10.1088/1748-9326/ab8589](https://iopscience.iop.org/article/10.1088/1748-9326/ab8589)

## Sustainability Action 2021 - 2030

Key messages:

1. Meaningful climate action is now urgent
2. The action of individuals is important

Slides, key points and sources at [tonycurran.co.uk/sustainability](https://tonycurran.co.uk/sustainability)

Key messages: urgency and individual action

[tonycurran.co.uk/sustainability](https://tonycurran.co.uk/sustainability)