

# Making Sense and Taking Action: IPCC Sixth Assessment Report on Climate Change

The Intergovernmental Panel on Climate Change (IPCC) comprehensive assessment reports are released every five to seven years documenting the evolving scientific knowledge on climate change, its causes, potential impacts and response options.

“**Human influence has warmed the climate at a rate that is unprecedented in at least the last 2000 years**”  
- IPCC

## The headlines: It's on us!

Human activities generate greenhouse gas (GHG) emissions - from the cars we drive, to the food on our plate and even the scraps we throw away. Through tracking and measurement, we're able to attribute a carbon emission equivalent (known as CO<sub>2</sub>e) to an activity.

The worst offending emitters are **CO<sub>2</sub>**, **Methane** and **Carbon Monoxide & VOCs** (VOC - Volatile Organic Compounds).

Since 1850, we've pumped 2400 gigatonnes of CO<sub>2</sub>e into the air (that's 13 zeros for anyone wondering!) and we're not slowing down! So far in 2021 we've produced 1% of this 170 year total already!

## How will climate change play out?



The report modelled different emissions pathways and how this would impact temperature changes.

**6°C**



Worst case scenario (ongoing high emissions)

**1.9°C**



Best case scenario (rapidly reduce emissions)

Projected warming by the end of the century looks like this...

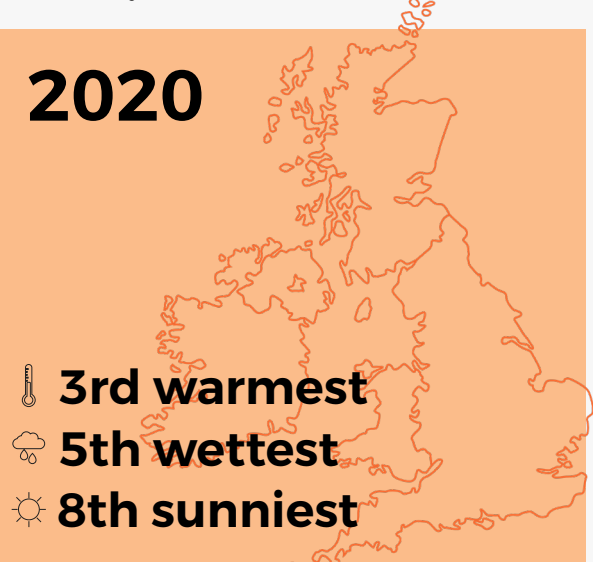


## So what does this mean for us?

It means that global warming has happened and will continue to happen. In the UK, 2020 was the first year ever for all annual values to rank in the top ten in the same year.

Record breaking

**2020**



An increase in global temperature of **1.5°C will be exceeded** during the 21st century, unless rapid and deep reductions in CO<sub>2</sub> and other GHG emissions occur in these immediate decades.

## So, is all lost, or is there still hope?



The more our climate changes, the worse the capacity of our planet to manage and effectively deal with it. Just like humans with a fever, the higher the temperature, the harder it is for the body to function. If left untreated our bodies would rapidly reach a point of no recovery.

This is the same for our planet, which is, after all, a living system that behaves just like a living, breathing organism!

With that in mind, we like to think that the glass is half full...

## Changing our mindset

Climate change is like tending to a wound. Imagine you burn your finger in the oven. You'd run it under cool water to help mitigate the worst impacts and treat the wound - you take action!

There might always be a scar, but you avoided the worst and have lived to tell the tale!

This is the change we need to see in the future.

## Playing our part

We have an opportunity to mitigate the worst impacts of climate change by making rapid adaptations. Here are some immediate changes you can make in your **organisation** and **events**, and as an **individual**, to play your part in navigating a future for us all...

**There's no time to waste!**

**1**

### Say no to CO<sub>2</sub>

Swap to a renewable energy supplier with **Big Clean Switch** at home and across your **business facilities**.

As individuals and businesses, this is one of the easiest ways to improve your climate footprint!

Make sure you put **renewable energy as a tender requirement** if you're sourcing venues.

**2**

### Avoid methane

Say no to meaty meals. **Opt for a plant-based menu** for your delegates, crew, and even your loved ones at home.

**Prioritise the conversation with clients** and stakeholders, and look at a **meat-free expenses policy**.

**Rescue food & veg at home** with **Oddbox!**

**3**

### Goodbye Carbon Monoxide

Take wheels off the road and switch up your mode. If journeys take less than **10 hours by train or coach mandate this in a company travel policy**.

Exploit what we've learned with **virtual and hybrid** - an easy way to expand your audience reach **without the in-person headcount**.

Find out how **you** can **Take the jump!**

**4**

### Not today VOC's

They're in lots of things that we associate with our event environments, like carpet, paint, wood preservatives, and vinyl.

**Design out VOC's**, go au naturel with wood, request vegetable based inks or remove carpet all together.

Rethink **home improvements**. Discover **Facebook Marketplace** to divert waste and give pre-loved items a new lease of life.

**ODDBOX**

Get 50% off your first order with the discount code **WEAREISLA**

## Ready to take action?

**isla's** membership supports you to create a realistic but ambitious action plan fit for purpose to tackle the climate crisis. Transform your sustainable operations and do business for good **for the future of all of us**. Become a member today **contact us!**

**isla.**