

Medact:
The impact on
Yorkshire health
from the climate
crisis

June 2nd 7pm





Dr Matt Sawyer

Medical doctor – GP for 15 years

Environmental MSc

Working on how to help primary care reach Net Zero

Runs own sustainability consultancy seesustainability.co.uk

Carbon Literacy training

Carbon footprinting of practices

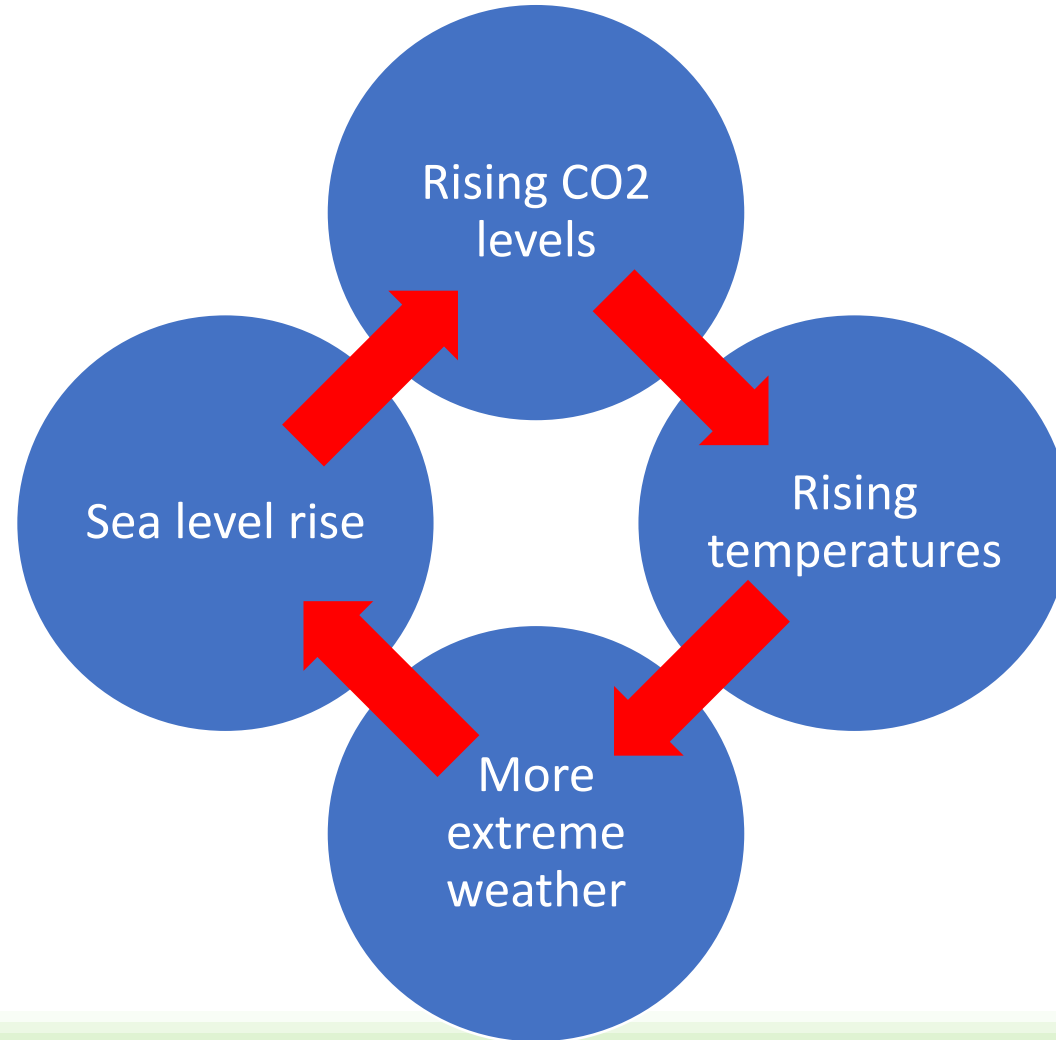




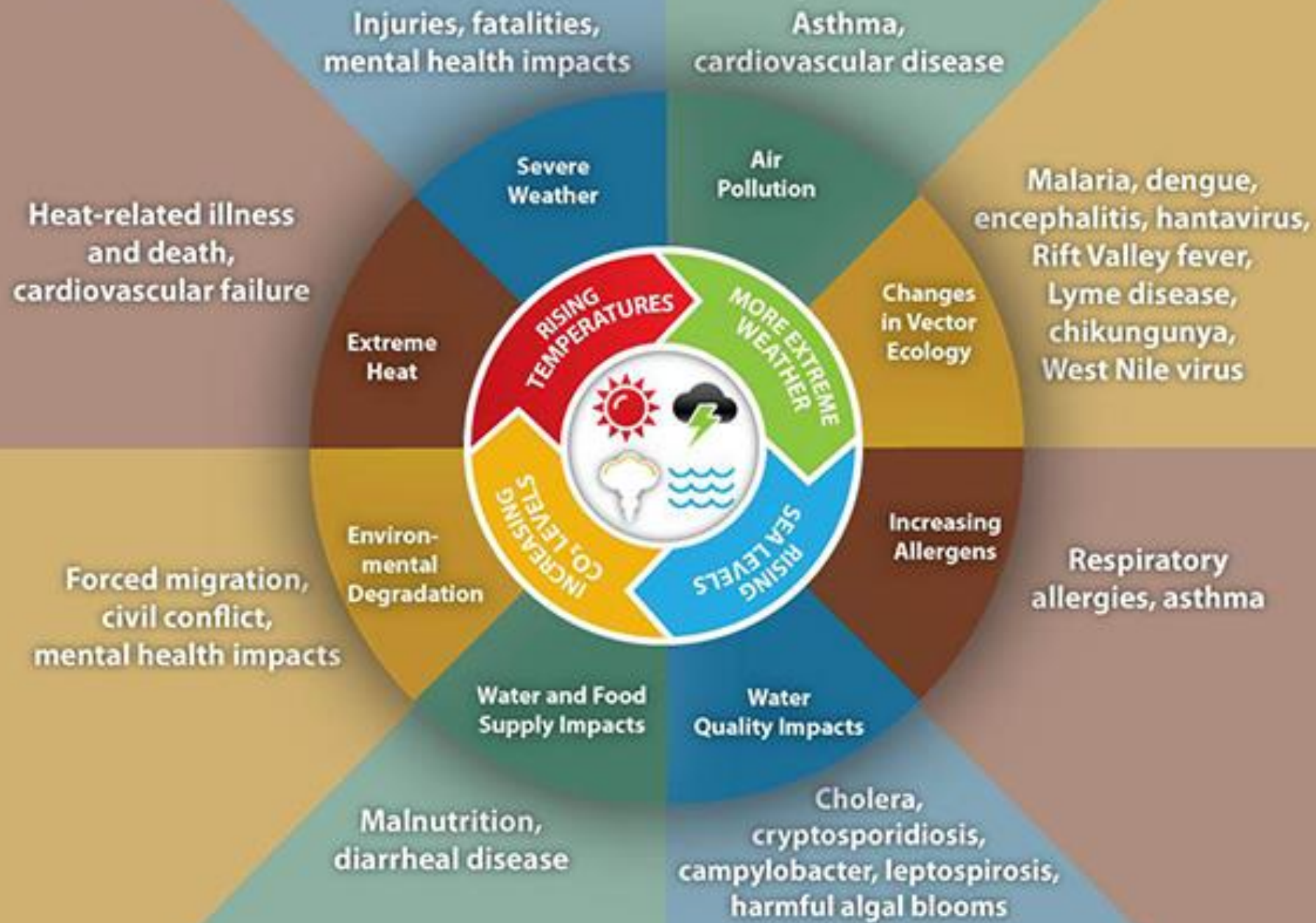
What?



What are the impacts of climate change in Yorkshire?

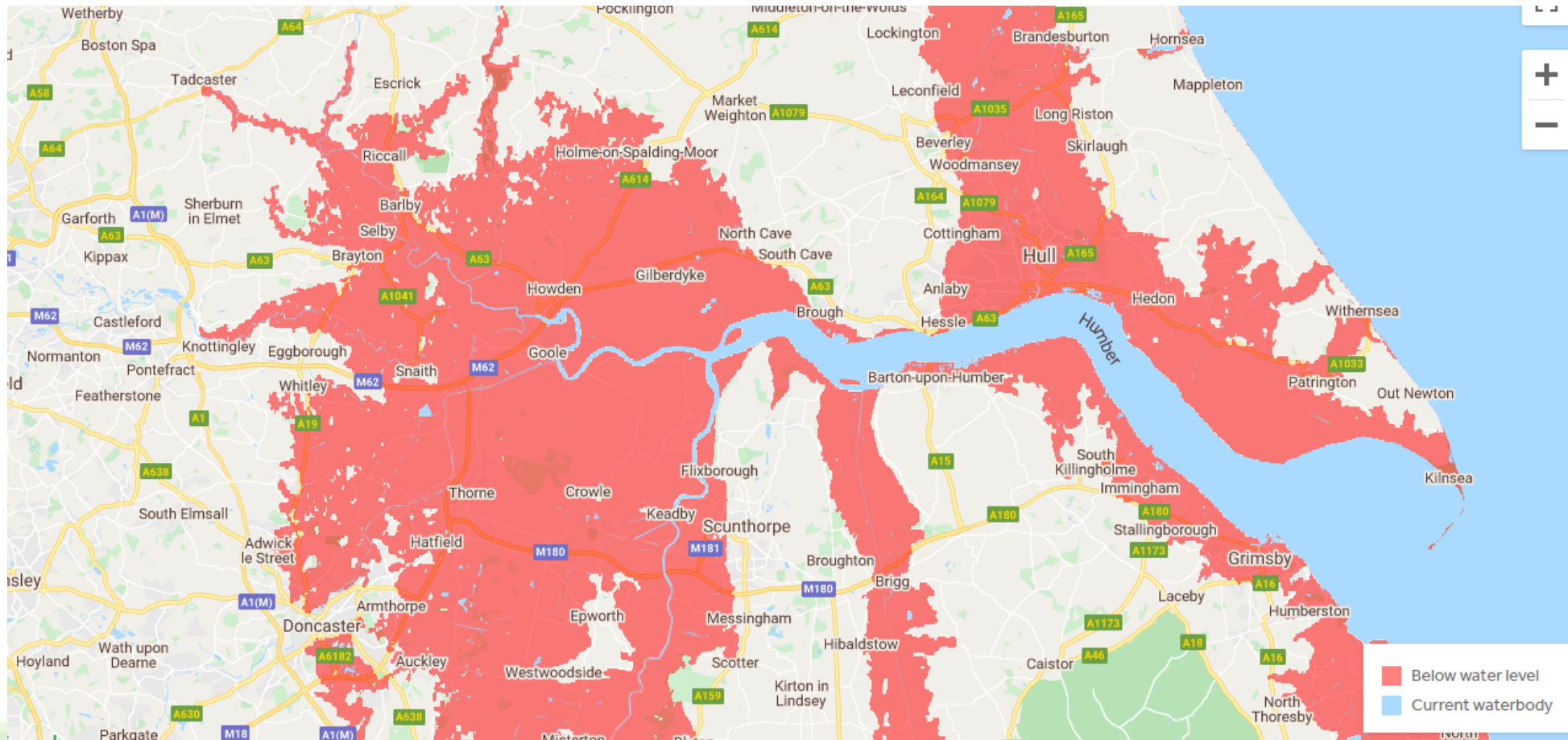


Impact of Climate Change on Human Health



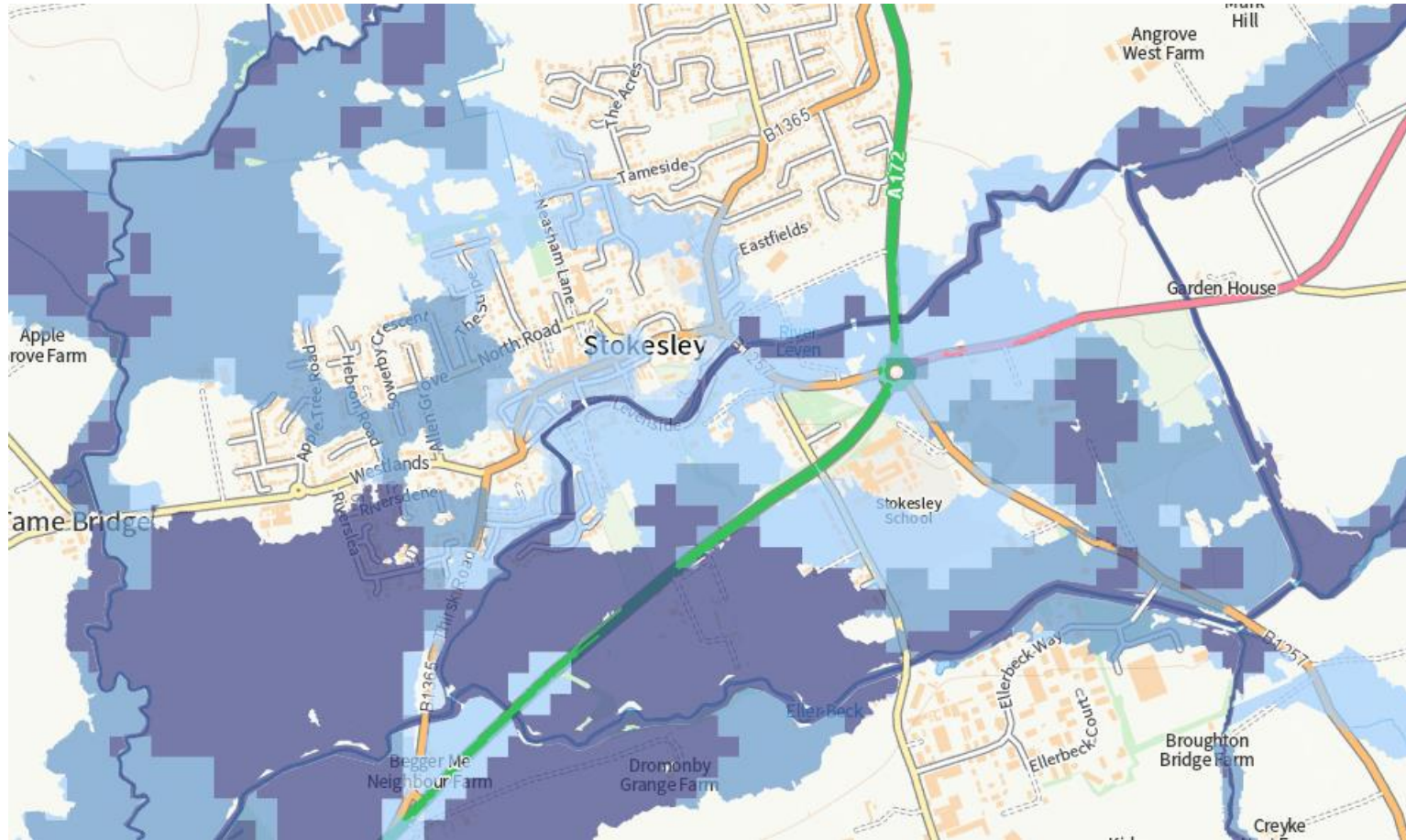


Sea level rise





Storms and surface water flooding - Stokesley



On July 30 2019, enough rain fell in 5 hours to affect more than 250 homes, around 35 farms and over 40 other businesses in Wensleydale, Swaledale and Arkengarthdale.

“I don’t think I’ll ever get over it to be honest. When I look at photos of the remains of the inside of the pub following the flood it brings tears to my eyes.”

Among those still living out of suitcases is Richmond School teacher Ian Dawson, whose house remains gutted. He and his wife Caroline have moved home eight times while awaiting repairs and the insurance bill will be at least £160,000.

Within hours the memorial hall was open producing food and offering clothes to people who had lost everything.

Many residents who had been left in shock by the power of the floods and their anxieties had been rekindled every time there had been a storm since.

In Lanthwaite, many of the public footpaths are awaiting repairs, as are four out of the five footbridges there. Locals fear tourists, who have begun returning to the area, will be put off by the lack of access.

The couple said the event had left them in shock as they had been in Leyburn and Richmond when the floods had swept away all their possessions.



Heat and rising temperatures

Leeds climate could be more like Melbourne's by 2050, says study

Analysis on impact of global warming in major cities says London c

A 16-day [heatwave](#) is expected in the UK in June.

For [16 consecutive days](#) next month, forecasters and meteorologists have predicted temperatures will not drop below 20C.

News ▸ Local News ▸ Weather

The exact date the 16-day UK heatwave could hit Huddersfield, Sheffield and Leeds in June

The sun is needed after the wet month we've had

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By [James Rodger](#) Regional Content Editor & [Melissa Dzinzi](#) Reporter
09:17, 21 MAY 2021 | UPDATED 10:07, 21 MAY 2021

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Impact from heat

Baseline/issues: North East Plan Areas

1 2

The following climate impacts are predicted:

- Average seasonal temperatures to increase, with a region-wide annual average daily temperature change of just under 2°C (Climate_203)
- Increased seasonality of rainfall with increases of up to around 21 per cent in winter and reductions of up to around 37 per cent in summer (Climate_203) resulting in more erratic rainfall patterns (Climate_184)
- An increase in mean sea levels of around 0.3m (Climate_203)
- Increased flooding, storm surge heights and coastal erosion (Climate_184);

The highest number of properties at risk from coastal flooding is likely to be around Yorkshire and the Humber Estuary (Climate_164)

August 2020 heatwave alone accounted for 1,734 deaths (www.kcl.ac.uk/news/invisible-heatwaves-pose-a-much-greater-risk-than-most-britons-recognise)

There is a positive association between increasing temperatures and A&E department attendance (researchonline.lshtm.ac.uk/id/eprint/4657417/)

Odds of dying from strokes and respiratory causes increased by over 10 per cent for every 1C rise in temperature (www.nature.com/articles/nclimate2123)

Eluned Hughes, the head of health advice at Asthma UK, said: “Soaring temperatures combined with high pollen levels can trigger asthma symptoms and could result in life-threatening asthma attacks. Hot weather can cause people’s airways to become irritated and inflamed, while hot air entering the respiratory system can trigger coughing and shortness of breath. It’s vital that everyone with asthma takes their preventer inhaler as prescribed.”

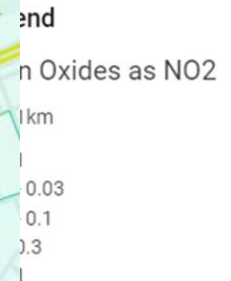
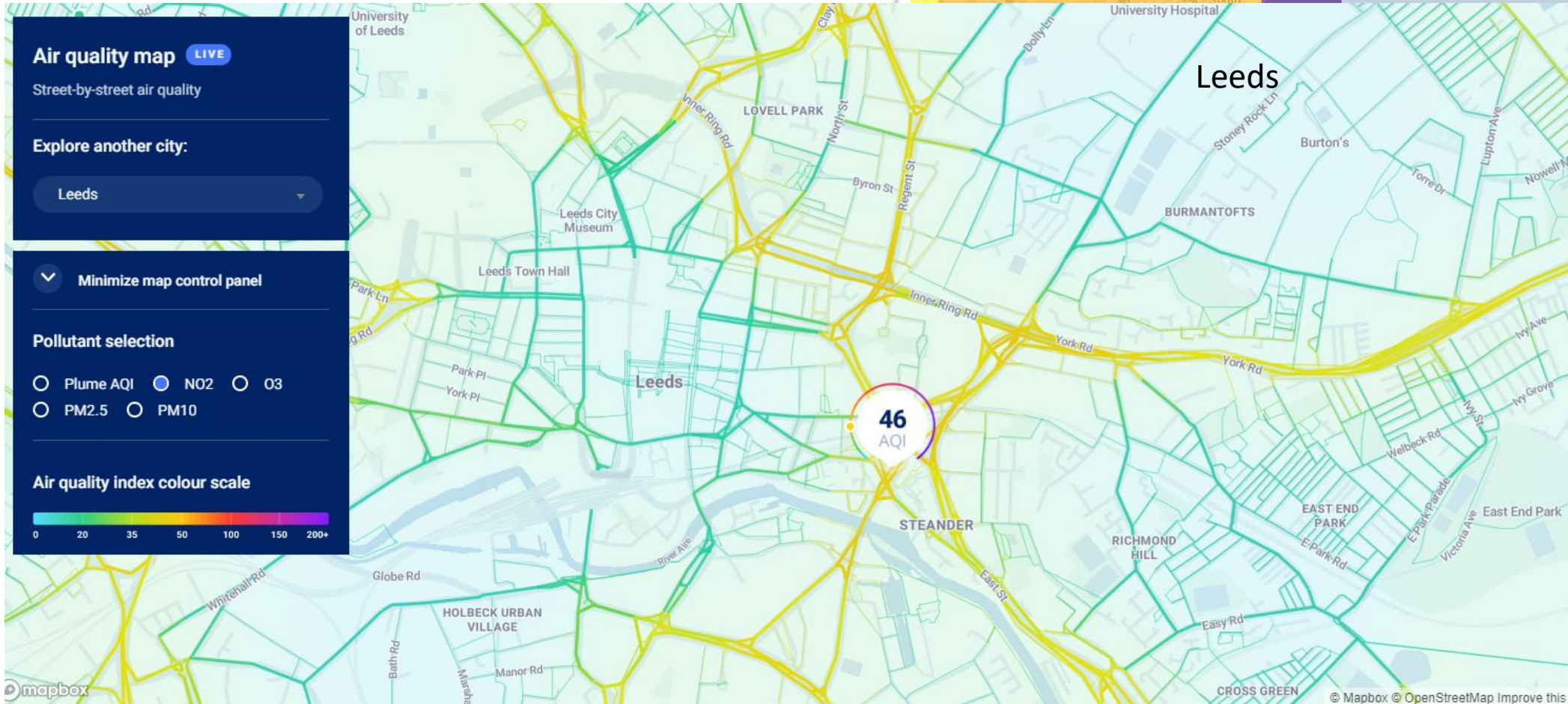
UK weather

Asthma warning as UK records hottest day of 2021 so far

Temperatures reach 26.6C in parts of London on Wednesday, after UK's fourth wettest May on record



Air pollution





Why?



Why is it important to tackle the climate crisis?

The prize... If the UK met its current climate commitments...

Lives saved

98,000 diet

21,500 exercise

3,500 air pollution



How?



Taking action

1. Become aware
Carbon literacy training
2. “Know your number”
Carbon footprint of practices

Carbon Literacy
Project



**HEALTH
DECLARES**

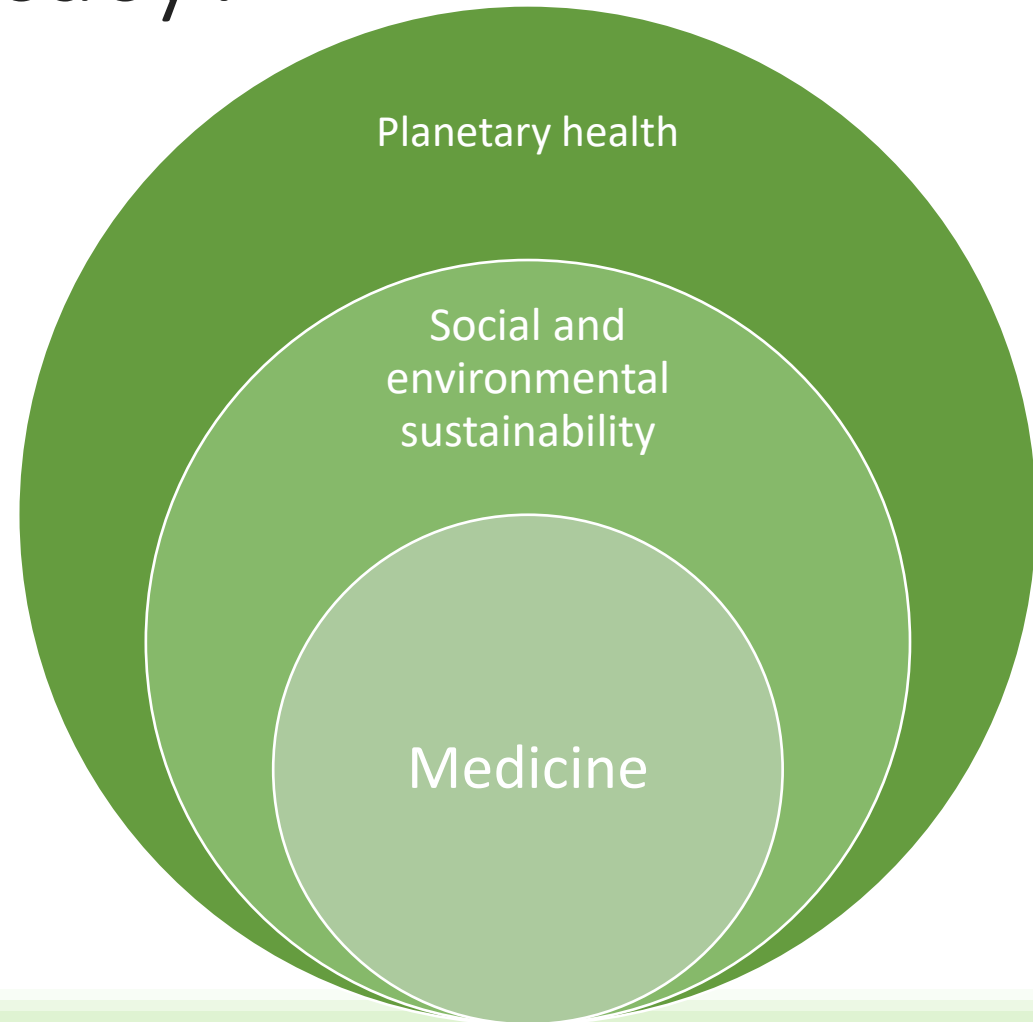


3. Turn intention into action –
Have a plan
4. Declare a climate emergency



How can we be local leaders through climate change advocacy?

- Become knowledgeable
- Raise awareness
- Be a supporter
- Take action
- Create followers



Action: What can I do?

1. Explore carbon literacy – Carbon Literacy Project carbonliteracy.com
2. Read about carbon footprinting - seesustainability.co.uk/blog/f/demistifying-carbon-footprints-in-primary-care
3. Download the ‘Climate Emergency Declaration’ at seesustainability.co.uk/green-plan

Carbon Literacy Project

An illustration showing a group of diverse people (a woman in a green dress, a man in a white shirt, a woman in a blue top, and a man in a grey shirt) standing around a central globe. The globe is labeled 'ENVIRONMENT' on a yellow banner. Above the globe are symbols for the sun, a wind turbine, and a water drop. The background is light blue.

Dr Matt Sawyer
See Sustainability

Climate emergency declaration

A guide for primary care

Thank you

Any Questions?

matt@seesustainability.co.uk



seesustainability.co.uk