

Global Developments on Climate Change

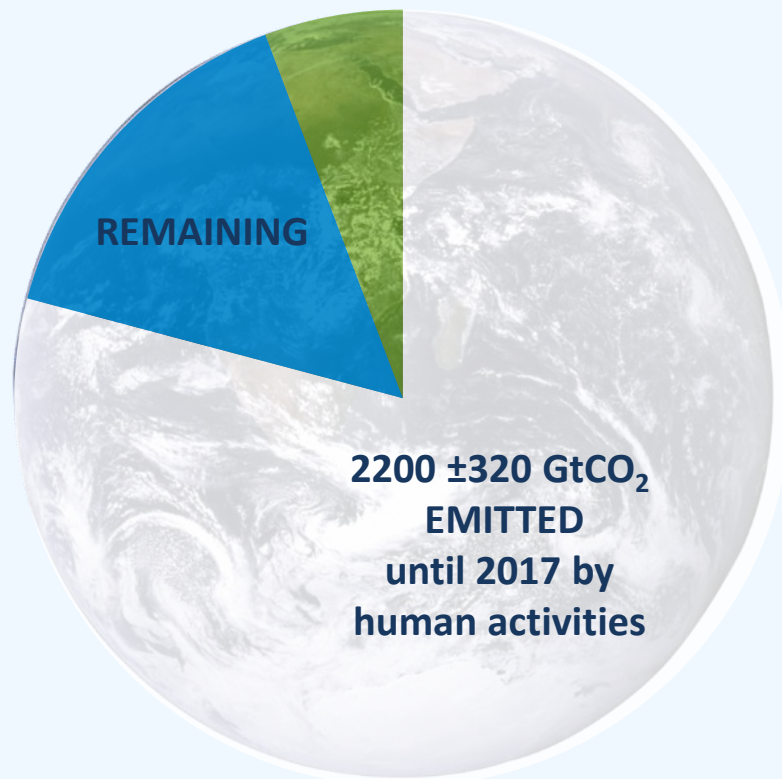
COP26, and the local dimension

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Climate change: global or local?

On the one hand this is a challenge of the global commons.....



But impacts and some solutions are very local....



(Image: (Photo by Matt Cardy/Getty Images))www.somersetlive.co.uk

So what is COP26
anyway?

Who is involved?

<https://ukcop26.org/>



There are so many institutions and organisations....

- United Nations Framework Convention on Climate Change
- Intergovernmental Panel on Climate Change
- Conference of the Parties
- Green Climate Fund
- Parties
- Observers
- RINGOs
- BINGOs
- Articles
- Protocols and more.....

Don't forget.....

- Pre-COP in Italy

COP26: Some headlines to watch out for

Headlines

- Mitigation targets:
Nationally Determined Contributions
- Adaptation commitments
- Climate finance

But also high profile:

- Loss & Damage
- Transparency and Global Stocktake
- Paris rulebook

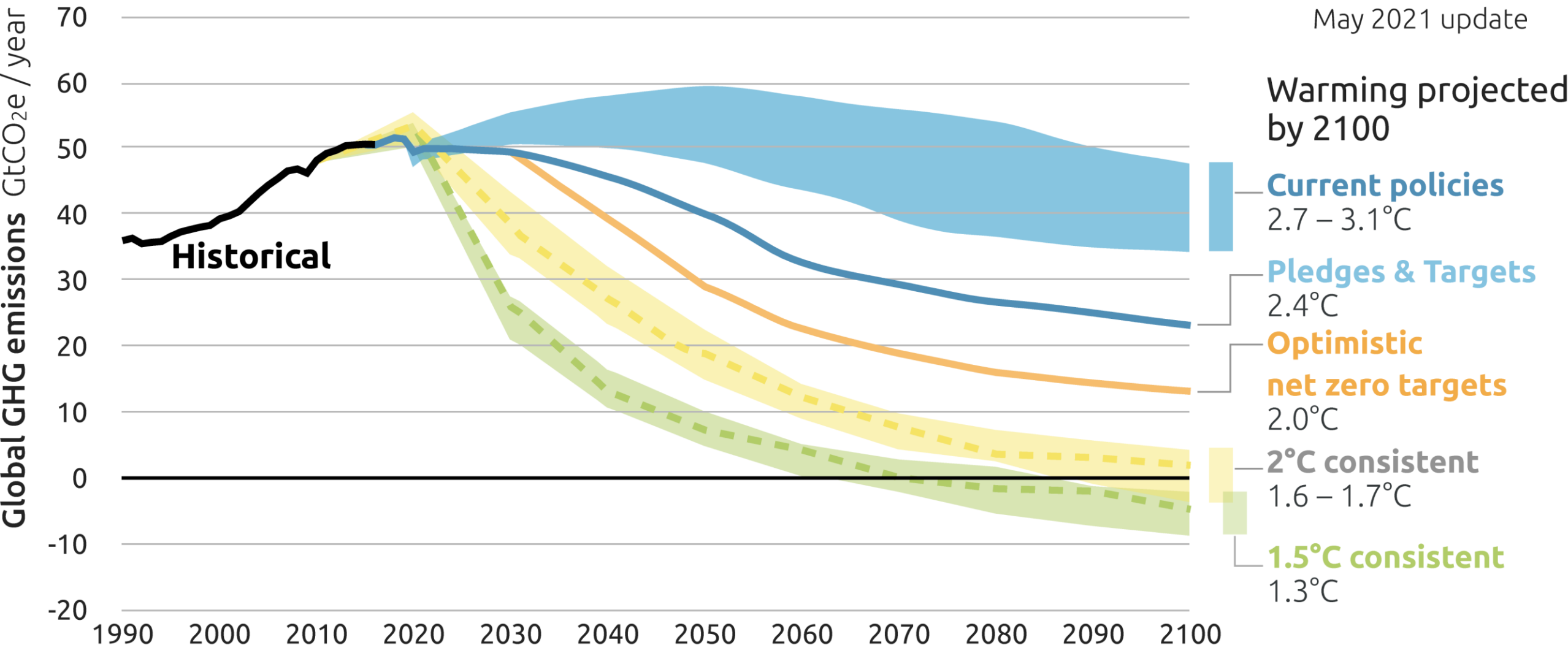
How are we doing so far?

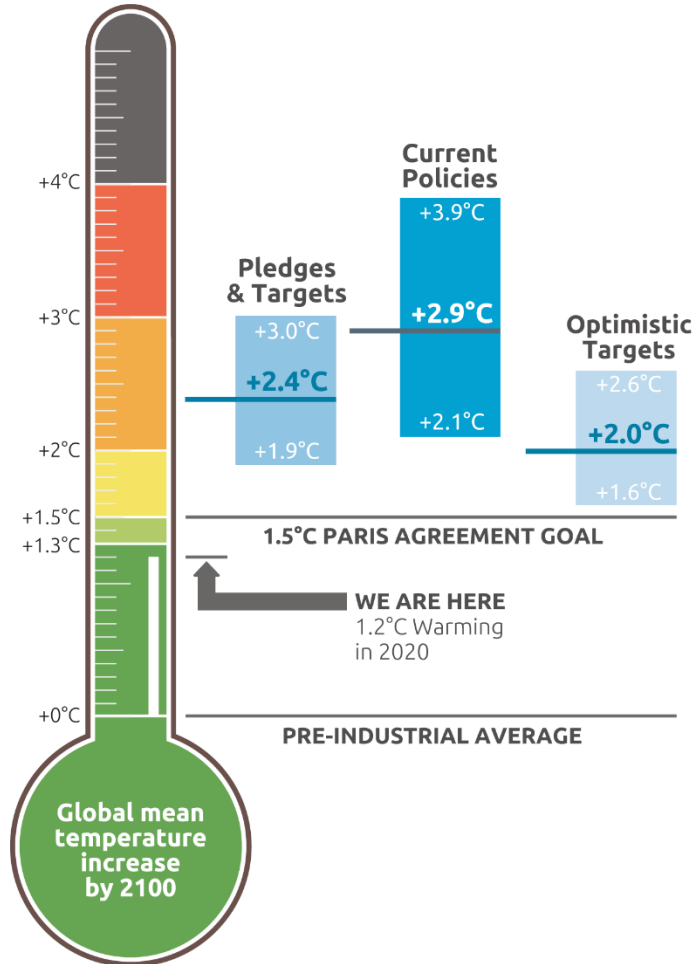


May 2021 update

2100 WARMING PROJECTIONS

Emissions and expected warming based on pledges and current policies





CAT warming projections
Global temperature increase by 2100

May 2021 Update

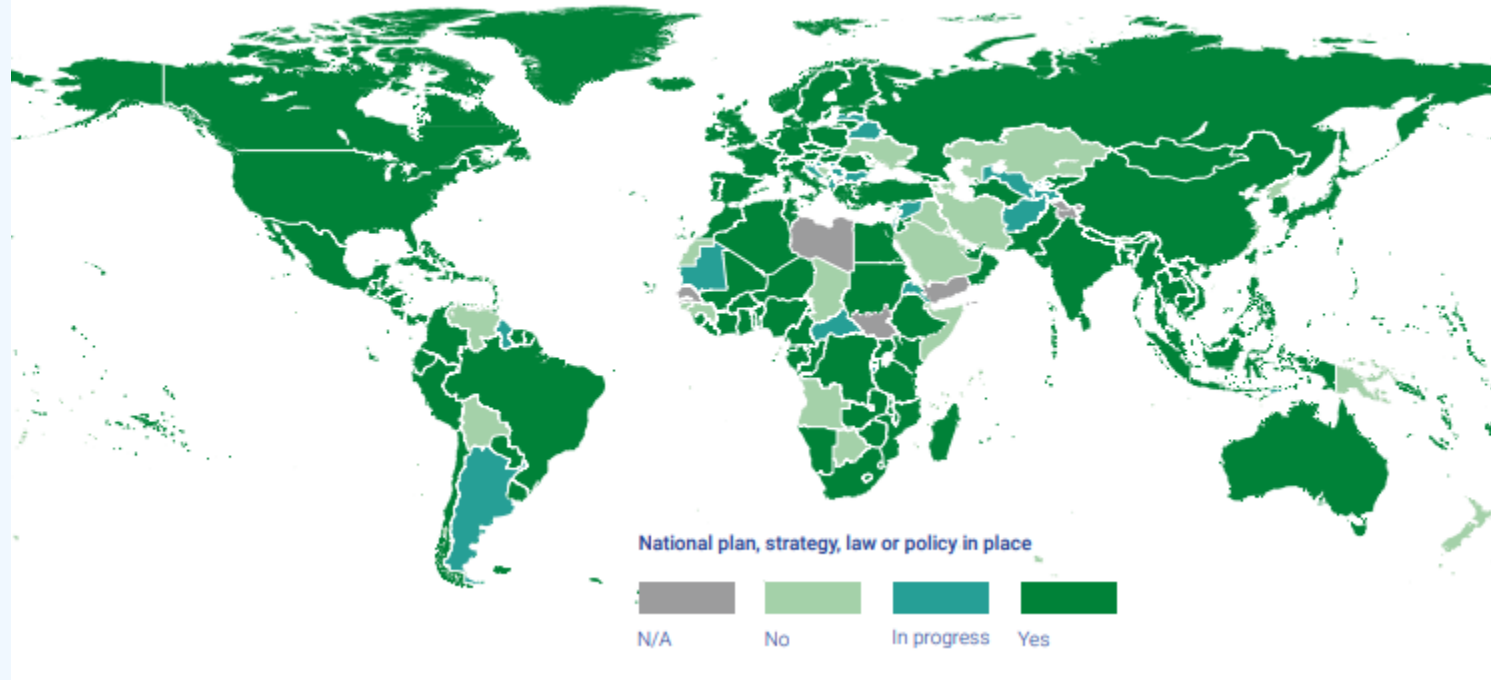
<https://www.unep.org/emissions-gap-report-2020>



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Adapting to climate change

Figure ES.1 Status of adaptation planning worldwide



What is the legal basis for action?

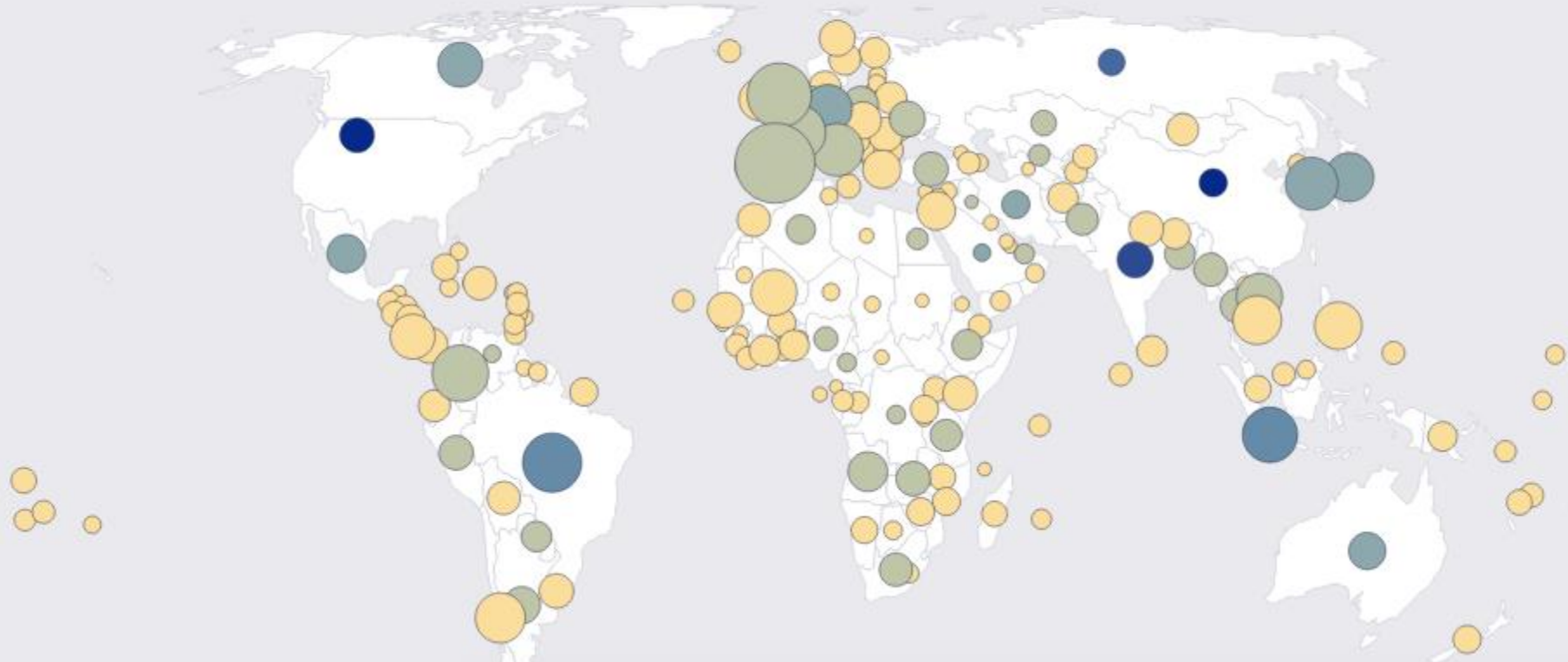
Content

Number of Climate Laws and Policies ▼

Context

Country Greenhouse Gas Emissions D... ▼

☐ Show EU aggregated data



What about the big players?

The 'return' of the US

- US and the Paris Agreement
- The 'middle' years
- Biden Summit
- Focus areas:
 - Action at home
 - Job creation
 - Innovation
 - Equity and justice
 - Air quality co-benefits
 - Co-operation with partners



Image: US Department of State
<https://www.state.gov/leaders-summit-on-climate/>

China steps up

- Geo-politics of China and the West
- President Xi
- Convention on Biodiversity
- Belt and Road
- Finance (coal, forests)
- Focus areas:
 - Peak emissions by 2030, carbon neutral by 2060
 - NRDC,
 - emissions trading system,
 - renewable power (30%)
- Impacts at home



Image: Xinhua

<https://www.chinadaily.com.cn/a/202104/23/WS6081fe6da31024ad0bab9b90.html>

And India?

- Developed or Developing?
- Progress on intensity and renewables
- Solar targets
- Focus areas:
 - Coal
 - Pandemic recovery (10% GDP)
 - Air quality co-benefits
 - Significant other challenges



Getty Images. www.bbc.co.uk

Global local duality

How can we relate to such a global issue as climate change?

- Many impacts are relatable (e.g. flooding, extreme heat, crop failures)
- Many solutions are exciting (transport solutions, energy sources, new crops)
- The UK is trying a lot of new things here e.g. Climate Change Act, National Climate Assembly
- Supply chains are increasingly important for both impacts and reducing greenhouse gas emissions

- Opportunity to learn from others

Opportunity to learn from others

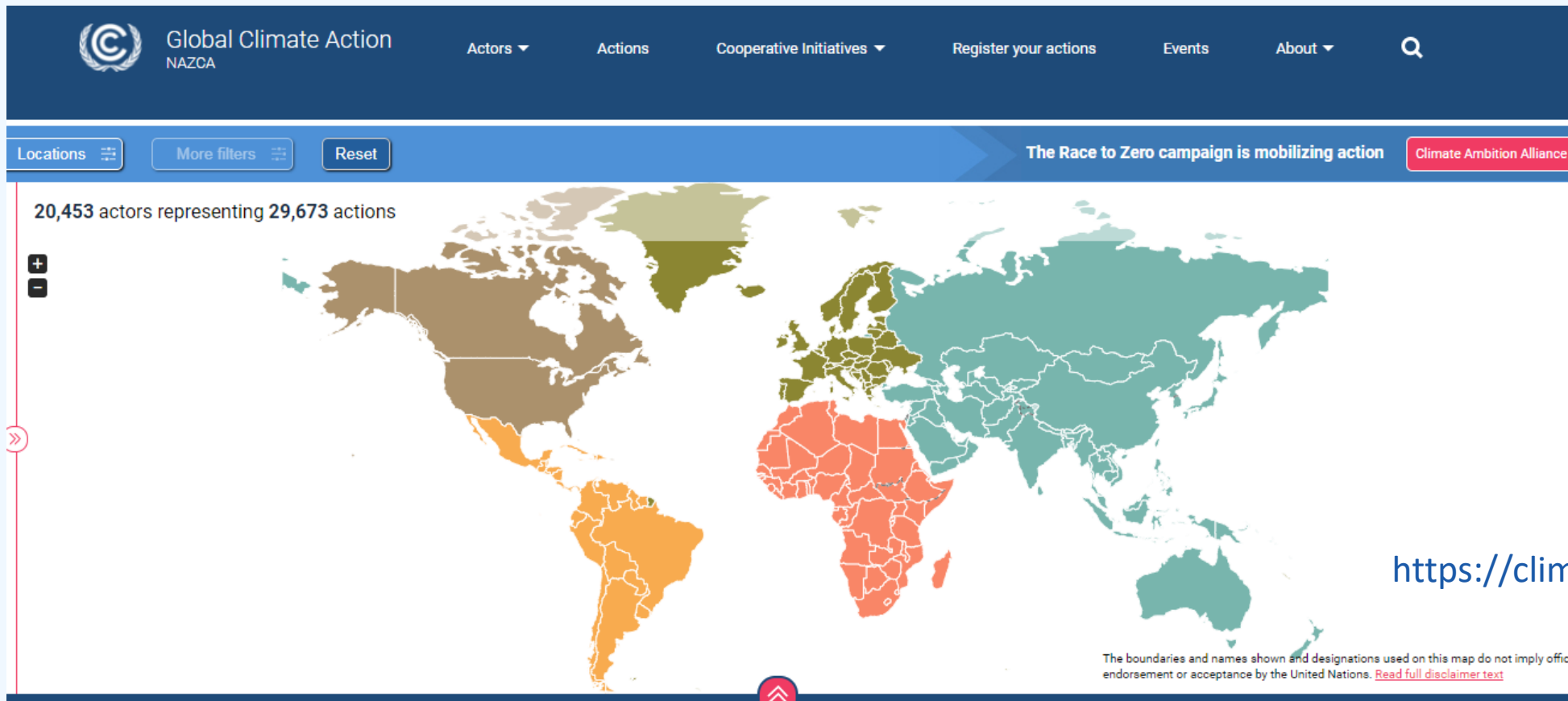
Which actors count?

Non-state actors are important

The logo for the Race to Zero campaign, featuring the words "RACE TO ZERO" in a bold, purple, sans-serif font. To the left of the text is a horizontal bar with a purple-to-white gradient, and a thin vertical purple line is to the right of the text.

Race to Resilience

Catalysing a step-change in global ambition to build the resilience of 4 billion people by 2030



<https://climateaction.unfccc.int/>

Sectors are considering action:

- International Energy Agency significant new perspective
- No new fossil fuels
- BUT not yet in WEO



New framings: green recovery to climate justice

Figure 1: Preliminary results of policy survey of G20 finance and central bank officials



Net Zero Skills Summit

Virtual Event | 12th October 9:30 am

Authors: [Dr Jennifer Allan](#), Cardiff University | [Dr Charles Donovan](#), Imperial College London | [Professor Paul Ekins](#), University College London | [Dr Ajay Gambhir](#), Imperial College London | [Professor Cameron Hepburn](#), University of Oxford | [Professor David Reay](#), University of Edinburgh | [Nick Robins](#), London School of Economics and Political Science | [Dr Emily Shuckburgh](#), University of Cambridge | [Dimitri Zenghelis](#), University of Cambridge

Download: [A net-zero emissions economic recovery from COVID-19](#) [PDF]

nomics

4B

Leadership: the UK COP Presidency

UK: the 26th COP Presidency

- A new place in the world
- International mechanisms
- Future looking
- New diplomatic relationships and approach
- Exporting: ideas, laws, technology?
- Different partners
- Mobilising FCDO
- Support at home
- Mature actors in the UK
- Innovation opportunities
- Genuine interest
- **BUT** Difficult timing!



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**

IN PARTNERSHIP WITH ITALY

Thank you

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