

## Twitter Thread by Prof. Kimberly Nicholas

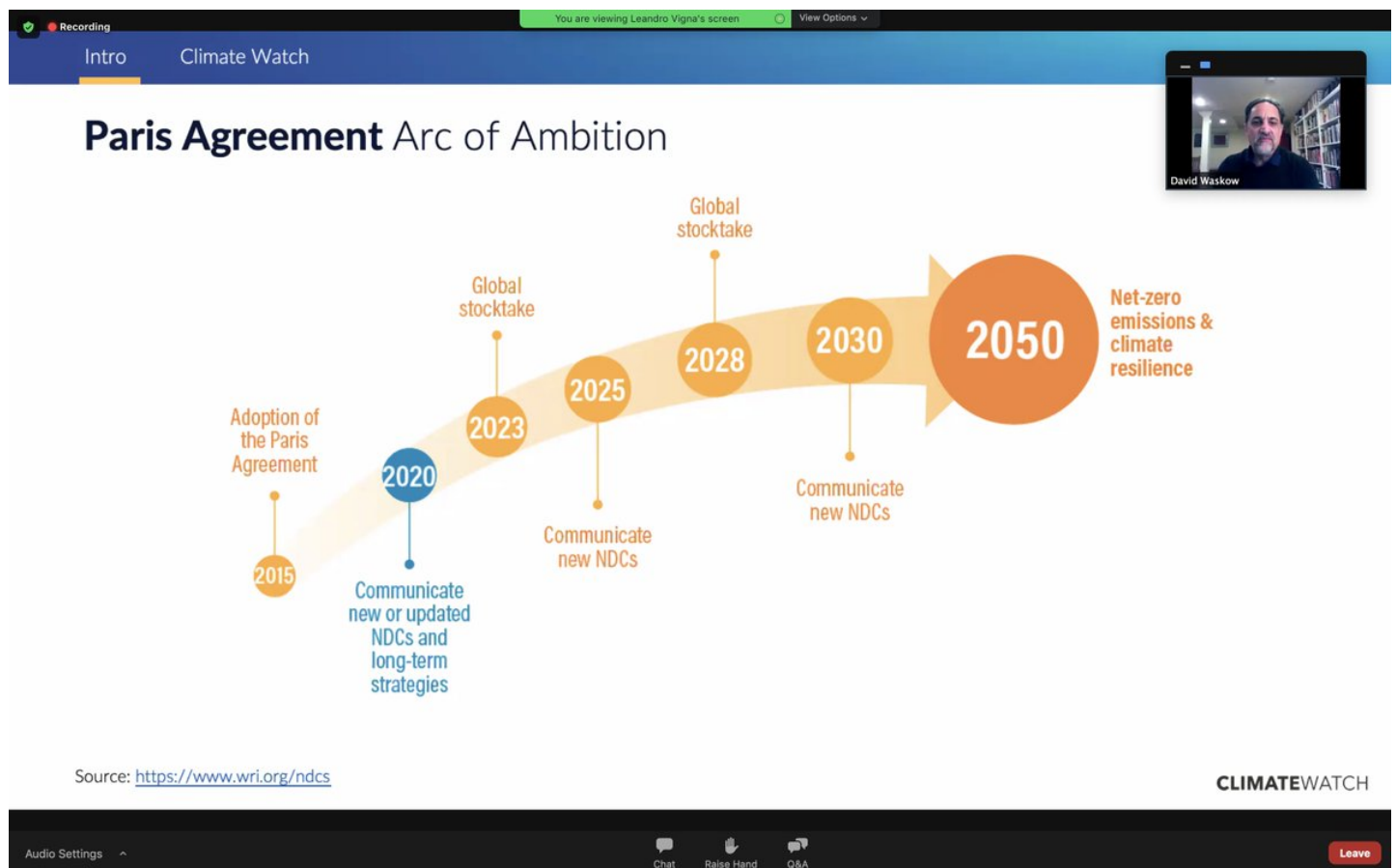


**Prof. Kimberly Nicholas**

@KA\_Nicholas



Webinar on tools for assessing national #climate pledges (NDCs) by @WRIClimate. @davidwaskow reminds: #ParisAgreement is meant to work thru an iterative process of increasing ambition (faster emission reductions), leading to #netzero emissions by 2050. (Thread 1/n)



The world is currently WAY over our #carbonbudget for where we need to be to align with #ParisAgreement. Orange= countries will do under any event; red = conditional (e.g., will do if they get needed finance). We have LOTSA emissions to reduce fast @davidwaskow @WRIClimate (2/n)

Recording

You are viewing Leandro Vigna's screen

View Options

Intro

Climate Watch

David Waskow

# State of Climate Action Today

Source: UNEP 2020

CLIMATEWATCH

Audio Settings

Chat

Raise Hand

Q&A

Leave

Of 21 indicators assessed for #ParisAgreement:

2 are on track (e.g., crop yields)

13 right direction but too slow (e.g., need electric vehicle sales to be 22x faster than now)

2 in wrong direction: forests, ag emissions

[@davidwaskow](#) from [@climateactiontr](#), [@WRIClimate](#) et al 3/n

Recording You are viewing Leandro Vigna's screen View Options

Intro Climate Watch

## State of Climate Action Today

**ON TRACK IF ACTION IS SUSTAINED**

- AGRICULTURE: Crop yields
- AGRICULTURE: Ruminant meat consumption

**INSUFFICIENT PROGRESS (ACCELERATION NEEDED BY 2030)**

- INDUSTRY: Share of electricity in final energy use in industry → 1.4x
- AGRICULTURE: Productivity of ruminant meat production → 2x
- POWER: Carbon intensity of electricity generation → 3.6x
- FORESTS: Gross tree cover gain → 5x
- POWER: Share of unabated coal in electricity generation → 5.1x
- POWER: Share of renewables in electricity generation → 5.6x
- TRANSPORT: Share of low carbon fuels in the transport sector → 8x
- FORESTS: Gross carbon removals from reforestation → 11x
- TRANSPORT: Sale of EVs in annual new car vehicle sales → 12x
- TRANSPORT: Share of EVs in total vehicle stock → 22x
- BUILDINGS: Energy intensity of buildings - residential → Data insufficient to calculate acceleration
- BUILDINGS: Energy intensity of buildings - commercial → Data insufficient to calculate acceleration
- BUILDINGS: Renovation rate for commercial and residential buildings → Data insufficient to calculate acceleration
- INDUSTRY: Carbon intensity of cement production → Data insufficient to calculate acceleration

**WRONG DIRECTION**

- FORESTS: Deforestation
- AGRICULTURE: Emissions from agricultural production

**INSUFFICIENT DATA**

- BUILDINGS: Carbon intensity of buildings
- INDUSTRY: Carbon intensity of steel production
- TRANSPORT: Carbon intensity of land-based passenger transport
- AGRICULTURE: Food loss and waste

**ON TRACK IF ACTION IS SUSTAINED:**  
The historical rate of change is at or above the required rate of change through 2030 and 2050.

**INSUFFICIENT PROGRESS (ACCELERATION NEEDED BY 2030):**  
The historical rate of change is heading in the right direction but well below required levels for 2030 and 2050.

**WRONG DIRECTION:**  
Historical change has been headed in the wrong direction.

**INSUFFICIENT DATA:**  
Historical data are insufficient to assess the historical rate of change in comparison to the rate of change that is needed to 2030 and 2050.

Source: [www.wri.org/state-of-climate](http://www.wri.org/state-of-climate)

CLIMATEWATCH

Audio Settings Chat Raise Hand Q&A Leave

Current state of play: 12 Dec 2021= 5 year #ParisAgreement anniversary. Look for more announcements of national climate pledges. Some new pledges already released, but many govt's focused on #COVID19 recovery- important to link with climate-compatible recovery. @davidwaskow 4/n

Recording You are viewing Leandro Vigna's screen View Options

Intro Climate Watch

## National Commitments Leading Up to COP26

- ☐ COP26 postponed until November 2021
- ☐ Governments focusing much attention on COVID-19 recovery plans – but also moving forward on NDCs
- ☐ A number of NDCs delayed to next year, but some ambitious ones have come forward or have been announced
- ☐ UK, Colombia, Chile, Rwanda, island states, LDCs
- ☐ And countries continue to plan for NDCs
  - ☐ EU likely to adopt NDC target and submit in December
  - ☐ More NDC announcements expected on 12th December
- ☐ COVID recovery key in coming months

CLIMATEWATCH

Audio Settings Chat Raise Hand Q&A Leave

What is <https://t.co/kymb46d9yv>?

100s of credible datasets,

100,000s of data points

to assess #climate trends, targets, bring transparency to inform + drive #ClimateAction.

For govts, biz, researchers, NGOs

Run by [@JohannesFried](#).

(See also other forest, energy, ... tools) 5/n

Recording You are viewing Leandro Vigna's screen View Options

Intro Climate Watch

## ABOUT WRI

Aqueduct Energy Access Explorer Resource Watch Global Forest Watch PREP Data

**Climate Watch**

CLIMATEWATCH

Climate Watch offers open data, visualization and analysis tools to help governments, researchers and other stakeholders gain insight on climate change progress.

Search by country, indicator or keyword

Latest updates

- Expenditure (10 Sep 2020)  
Updated module of 2020 climate commitments (NDCs) on Climate Watch
- Commitments Overview (10 Sep 2020)  
New page with statistics on countries' climate commitments.
- Climate Action Tracker (10 Sep 2020)  
New Excel tool to track progress towards climate actions

WORLD RESOURCES INSTITUTE

CLIMATEWATCH

Audio Settings Chat Raise Hand Q&A Leave

Data on #ClimateWatchData includes most current data possible for GHG emissions (most comprehensive source available, all countries/sectors/gases globally, will be up to 2018 next week; pathways); also publishes others' data e.g., [@gcarbonproject](#) 2019. [@JohannesFried](#) 6/n

Recording

You are viewing Leandro Vigna's screen

View Options

Intro

Climate Watch

Johannes Friedrich

## KEY MODULES OF CLIMATE WATCH

Historical GHG Emissions

Global Historical Emissions

GHG Emissions

Explore Nationally Determined Contributions (NDCs)

Commitments

Country Profiles

NDC-SDG Linkages

Pathways

Sectoral Profile

CLIMATEWATCH

Audio Settings

Chat

Raise Hand

Q&A

Leave

Everyone wants to play (ratified #ParisAgreement) but no one wants to do the work:

Only 20 countries have long-term #climate strategies

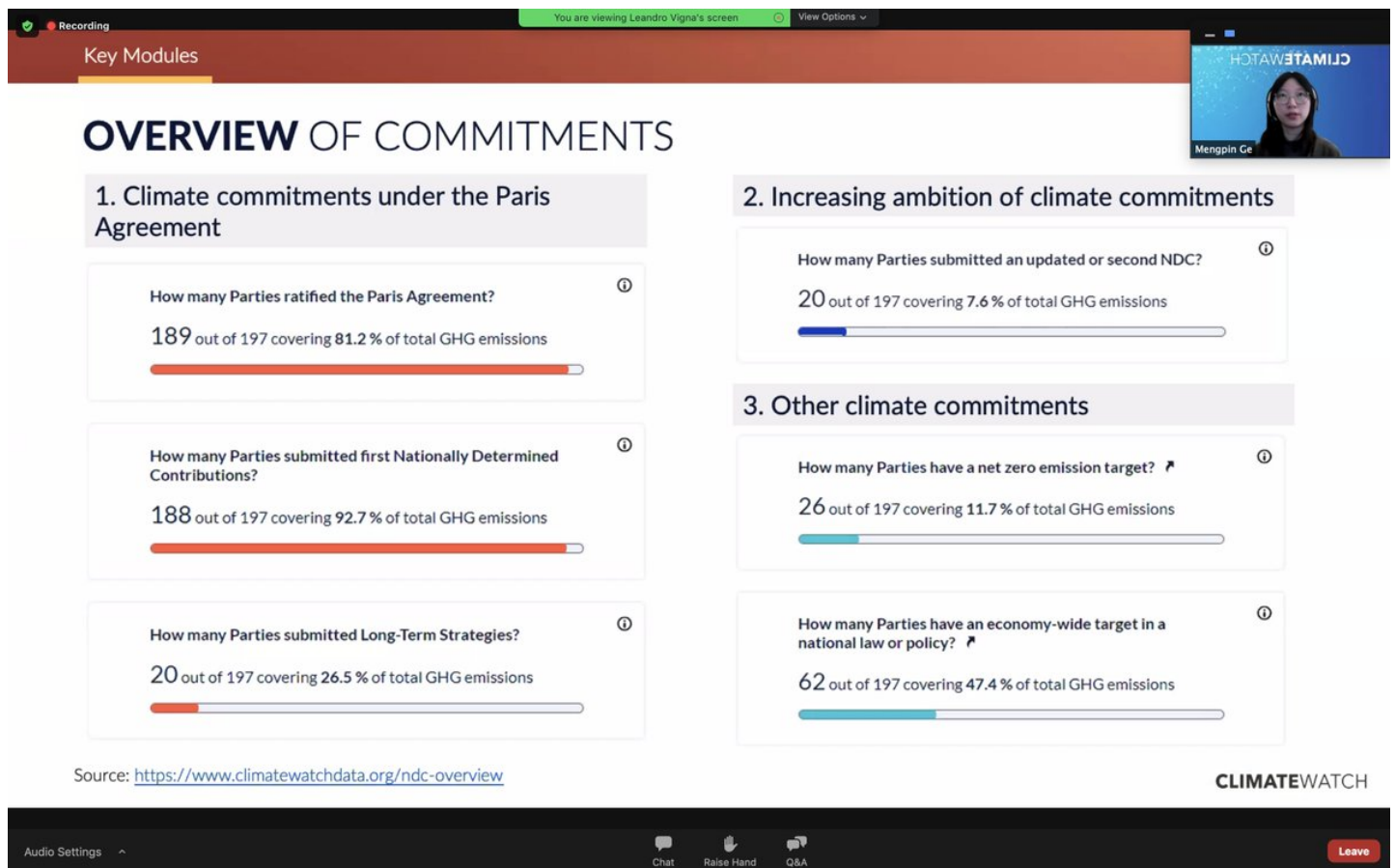
Only 20 have submitted updated, more ambitious pledges (NDCs)

26 have net zero targets

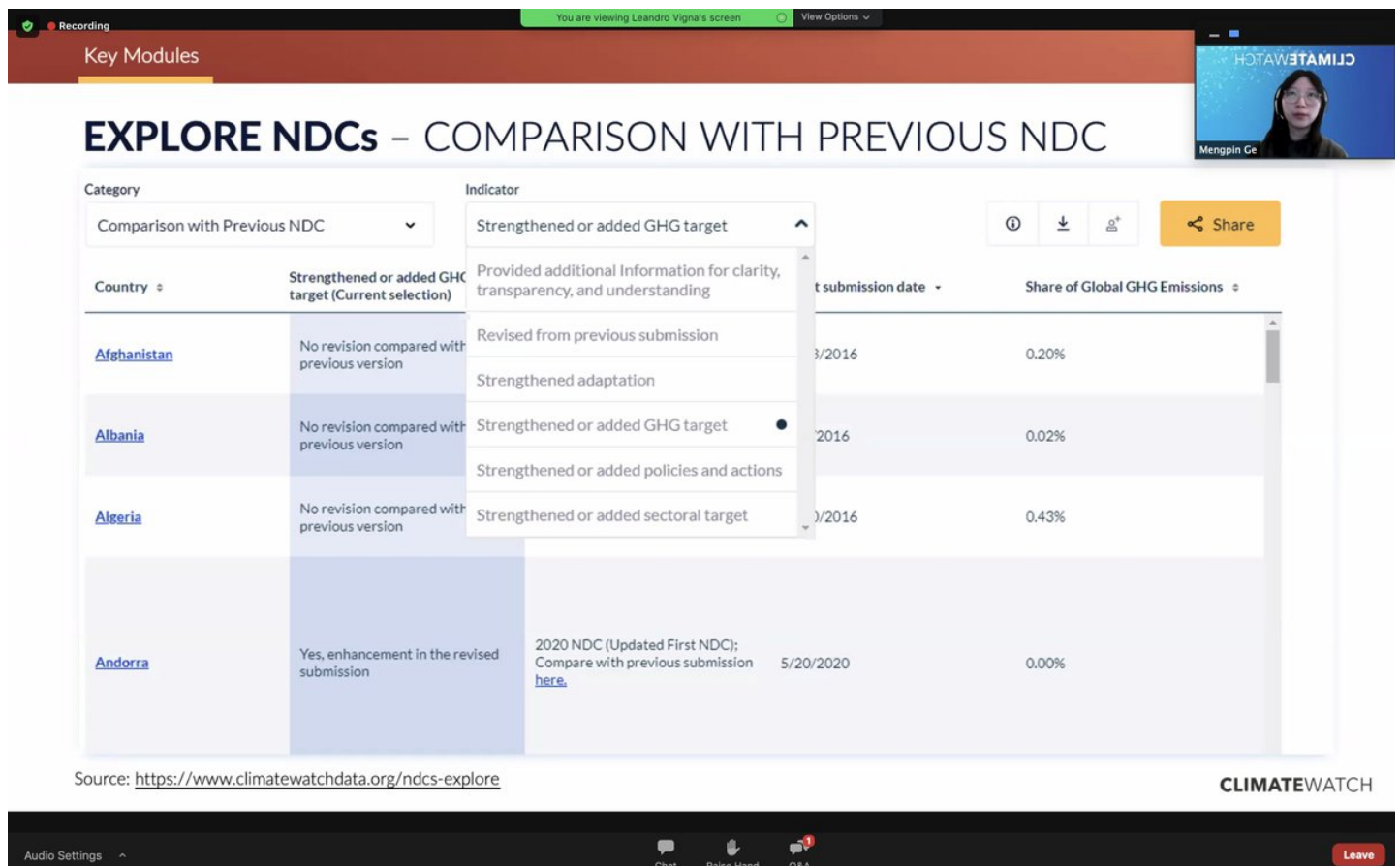
62 have economy wide #climate policy

@MengpinGe (7/n)





How can we know if countries are doing what they promised in Paris and increasing #ClimateAction & ambition?  
<https://t.co/jtwm5pA2ip> tool assesses new climate pledges (NDCs) using 5 criteria. (More resources:  
<https://t.co/FPX998L5Zu> & long-term explorer) @MengpinGe (8/n)



Very useful overview & comparison of current #climate pledges by countries. Can compare documents between countries or over time. <https://t.co/gA97WeK8fL>

Coming soon: #NetZero tracker (see report:<https://t.co/Kb5JB2VgMu>).

[@MengpinGe](#) (9/n)

Recording You are viewing Leandro Vigna's screen View Options

Key Modules

## COMPARE ALL TARGETS

### Compare all targets

Click on up to 3 of the submitted boxes and click on the compare button.

Submitted Not submitted Intends to submit Clear Compare (3) Search table data

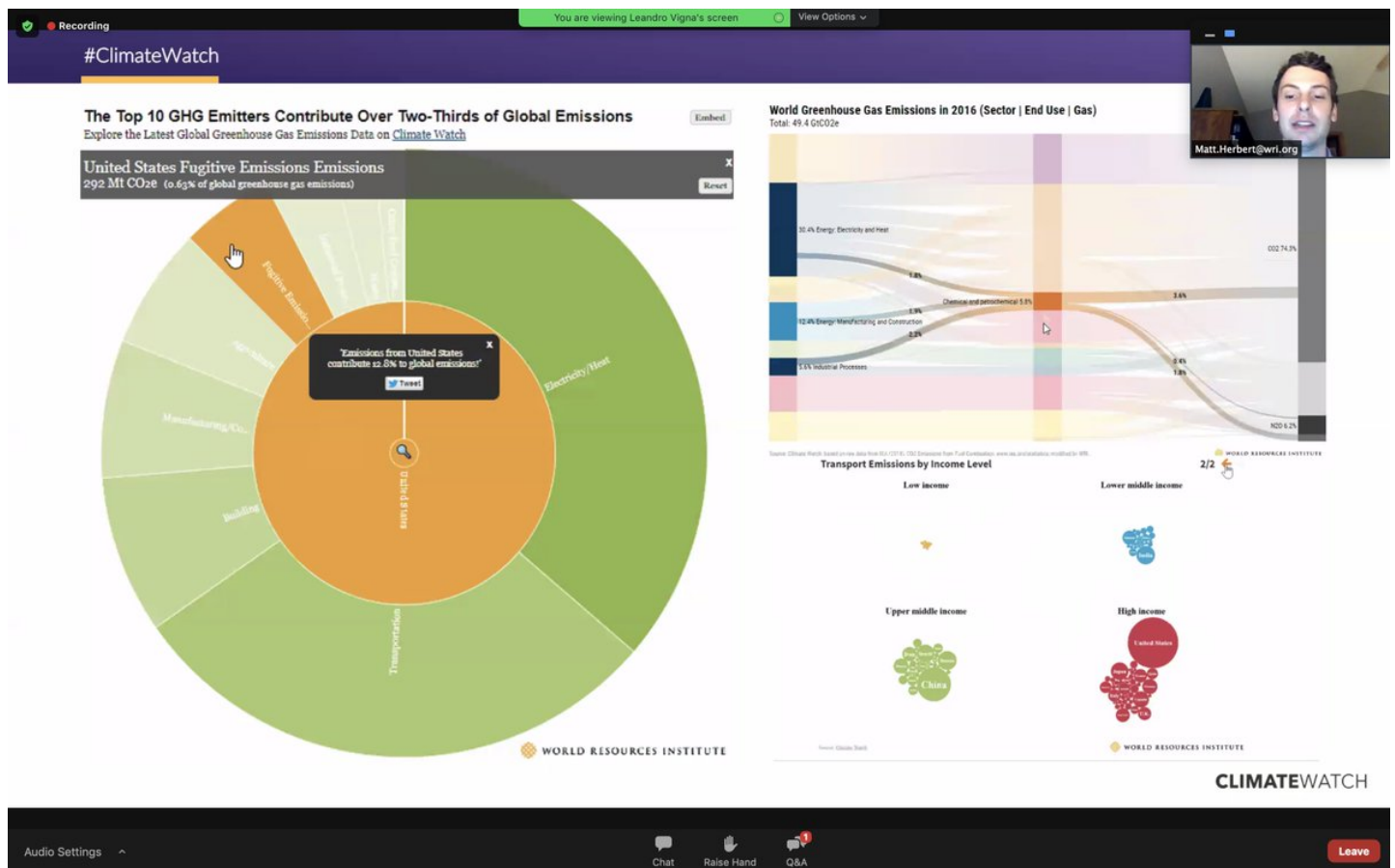
Country	Share of global GHG ...	Pre-2020 Pledge	INDC	NDC	Updated First NDC	2nd NDC	LTS	Climate Framework ...	Sectoral Laws or Policies
<a href="#">Afghanistan</a>	0.20%	✓	✓	✓	✗	✗	✗	✗	✓
<a href="#">Albania</a>	0.02%	✗	✓	✓	✗	✗	✗	✗	✓
<a href="#">Alecia</a>	0.43%	✓	✓	✓	✗	✗	✗	✓	✓
<a href="#">Andorra</a>	0.00%	✗	✓	✓	✓	✗	✗	✗	✓
<a href="#">Angola</a>	0.36%	✗	✓	✗	✗	✗	✗	✗	✓
<a href="#">Antigua and Barbuda</a>	0.00%	✓	✓	✓	✗	✗	✗	✗	✓
<a href="#">Argentina</a>	0.98%	✓	✓	✓	✗	✗	✗	✗	✓
<a href="#">Armenia</a>	0.02%	✓	✓	✓	✗	✗	✗	✗	✗
<a href="#">Australia</a>	1.05%	✓	✓	✓	✗	✗	✗	✗	✓

Source: <https://www.climatewatchdata.org/compare-all-targets>

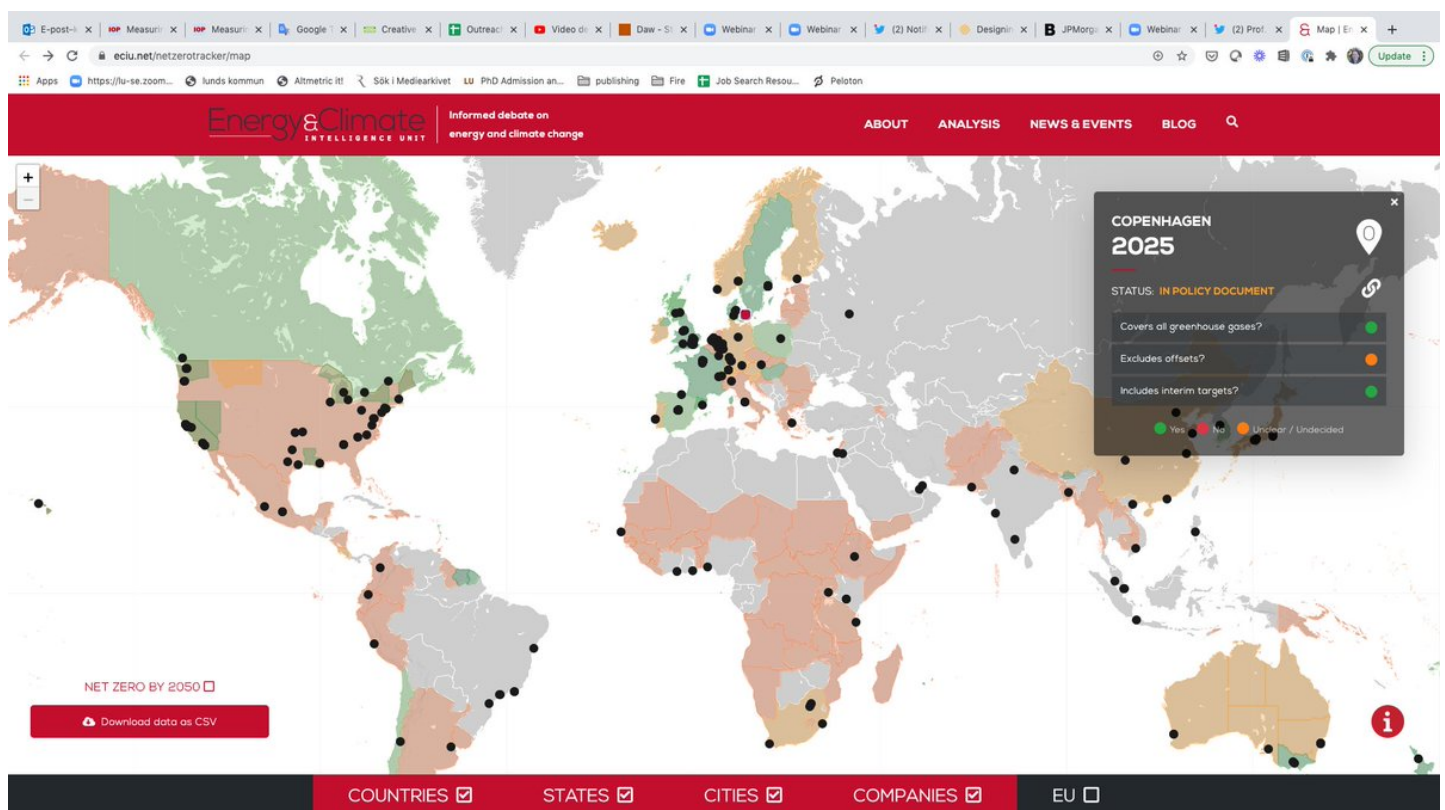
CLIMATEWATCH

Audio Settings Chat Raise Hand Q&A Leave

Coming soon: #ClimateWatchData #dataviz library for cool things like this! [@Matt\\_Herbert](#) says they can help with #climate #dataviz, get in touch w/ [@WRIClimate](#). (10/n)



Super useful resource (though incomplete, submit policies you know of to update!): @ECIU\_UK map of #climate targets including sub-national actors (businesses, cities, regions, ...) (11/n) <https://t.co/fnATmAgHm6>



#climate finance - how much money have countries pledged/delivered? (including shameful US record- hope this is turned around in 2021): <https://t.co/FV3TO1EGcg>



OECD 2018 found \$78.9 bn/yr (78% public \$), of \$100 bn/yr promised in Paris, per @davidwaskow (12/12)

# Green Climate Fund Contributions Calculator 2.0

