

Twitter Thread by Prof. Kimberly Nicholas

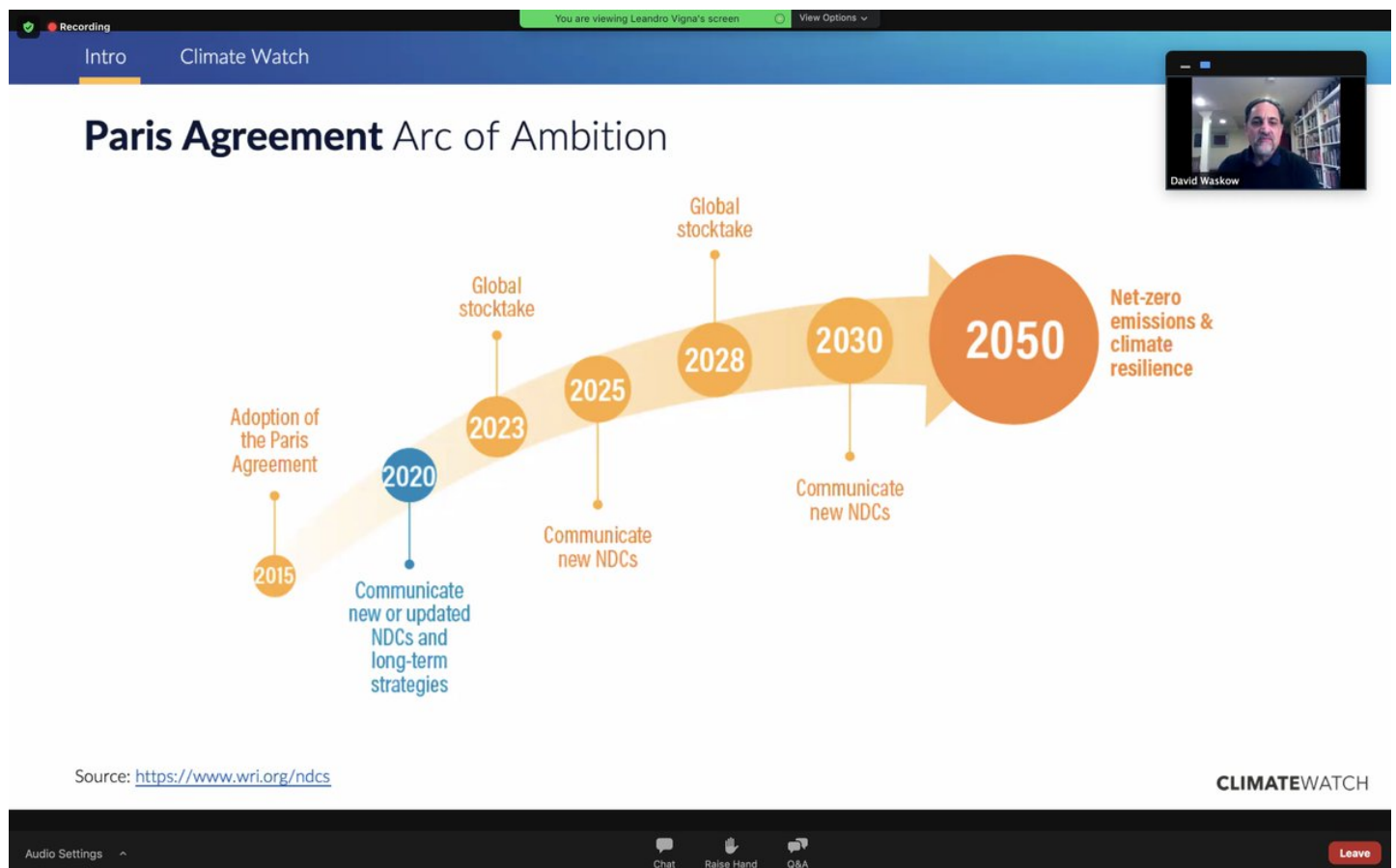


Prof. Kimberly Nicholas

@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

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Intro

Climate Watch

David Waskow

State of Climate Action Today

Source: UNEP 2020

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Chat

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Q&A

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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

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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

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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

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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

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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

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

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IntroClimate Watch

Historical GHG Emissions

GHG Emissions

Explore Nationally Determined Contributions (NDCs)

Commitments

Country Profiles

NDC-SDG Linkages

Pathways

Pathways

Sectoral Profile

Sectoral Profile

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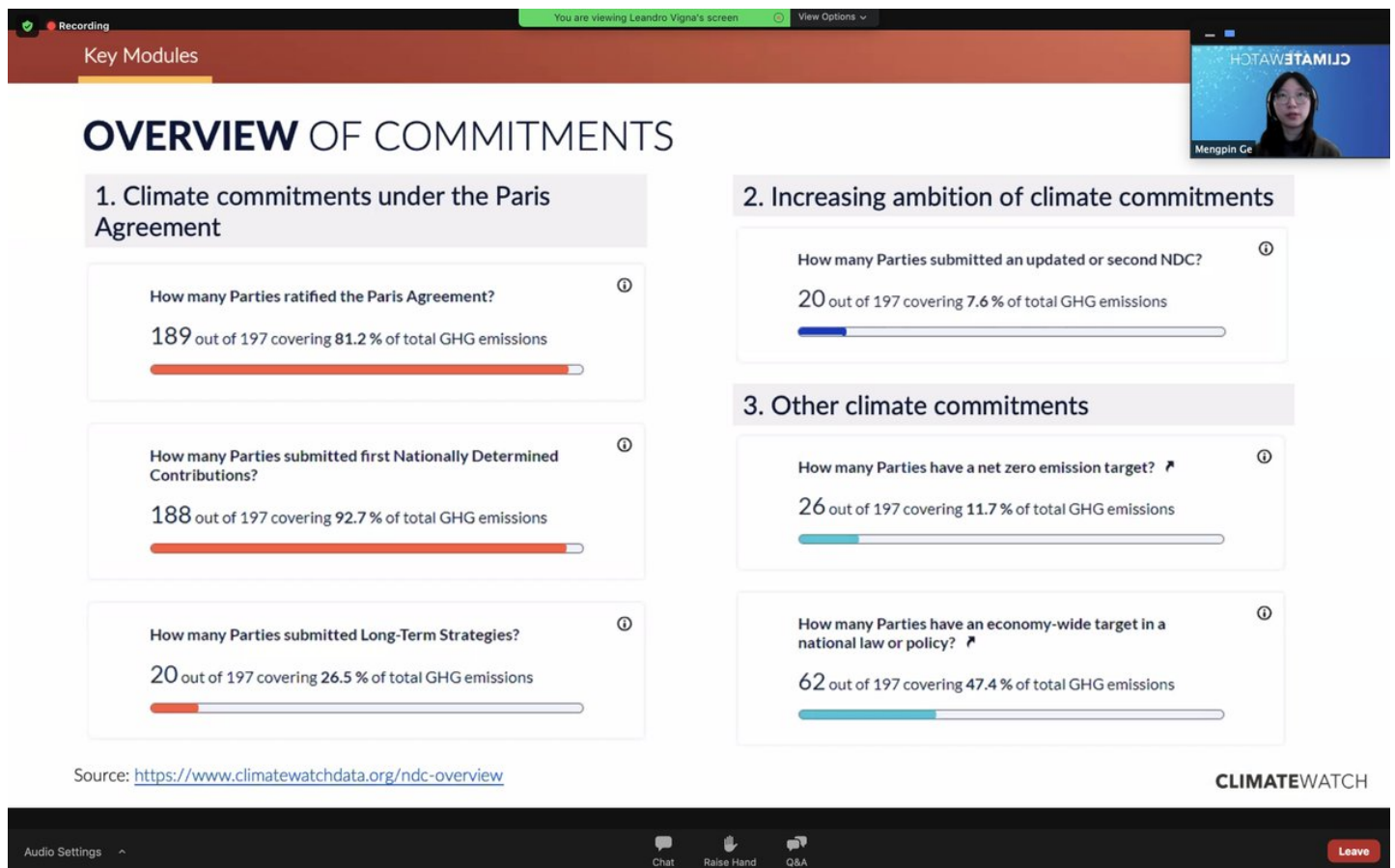
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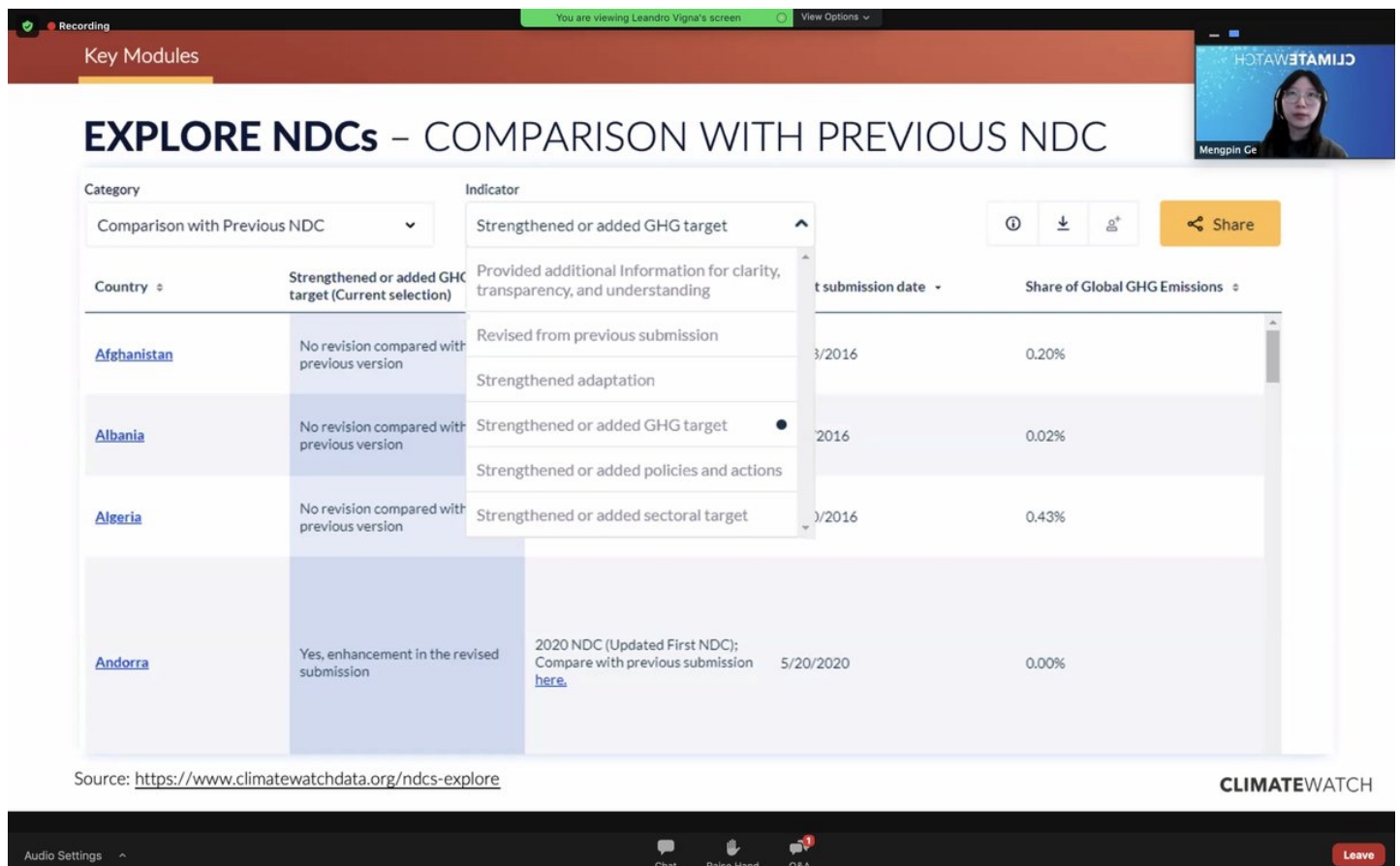
Q&A

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/qA97WeK8fL>

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

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

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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

0

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
Afghanistan	0.20%	✓	✓	✓	✗	✗	✗	✗	✓
Albania	0.02%	✗	✓	✓	✗	✗	✗	✗	✓
Alecia	0.43%	✓	✓	✓	✗	✗	✗	✓	✓
Andorra	0.00%	✗	✓	✓	✓	✗	✗	✗	✓
Angola	0.36%	✗	✓	✗	✗	✗	✗	✗	✓
Antigua and Barbuda	0.00%	✓	✓	✓	✗	✗	✗	✗	✓
Argentina	0.98%	✓	✓	✓	✗	✗	✗	✗	✓
Armenia	0.02%	✓	✓	✓	✗	✗	✗	✗	✗
Australia	1.05%	✓	✓	✓	✗	✗	✗	✗	✓

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

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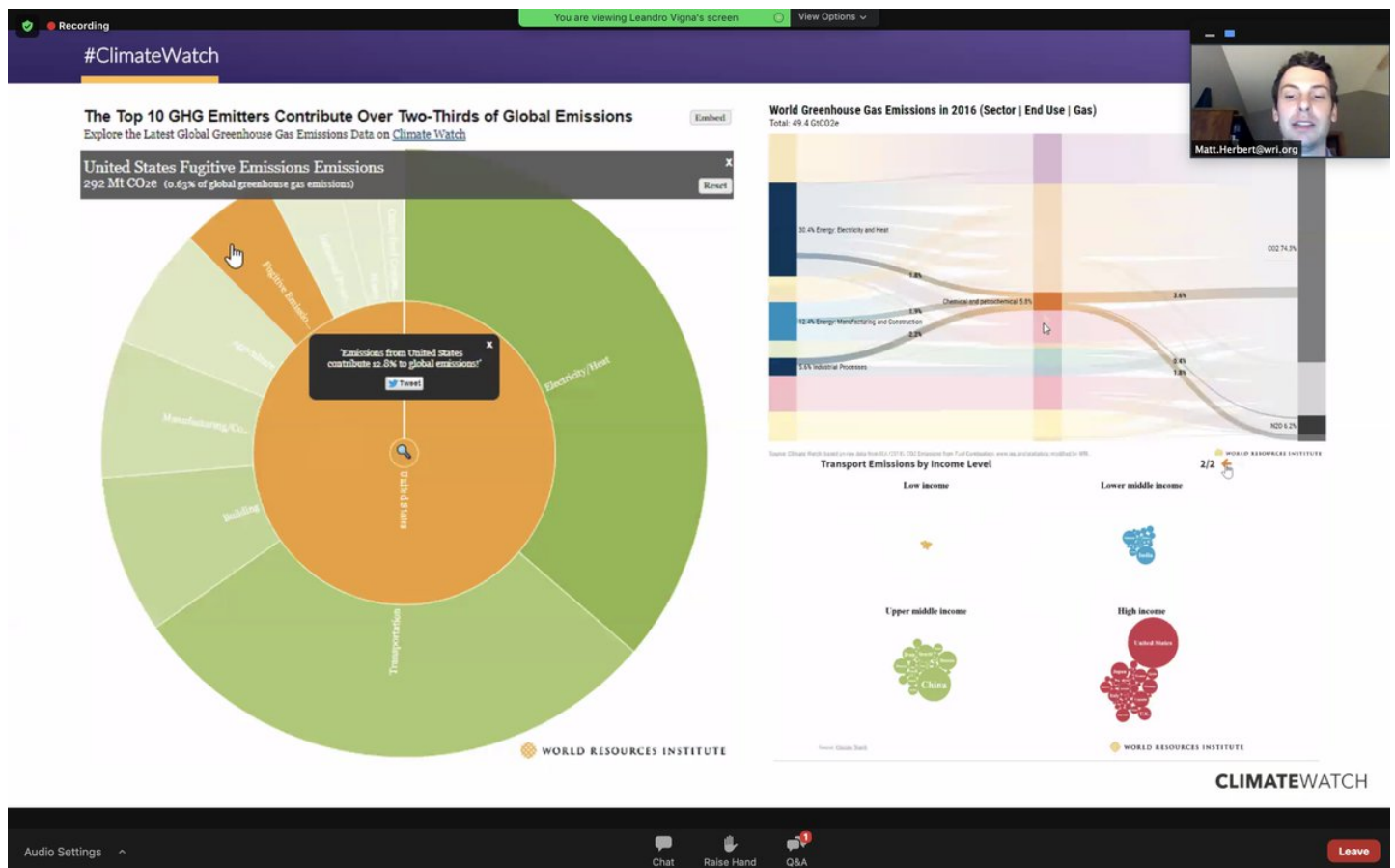
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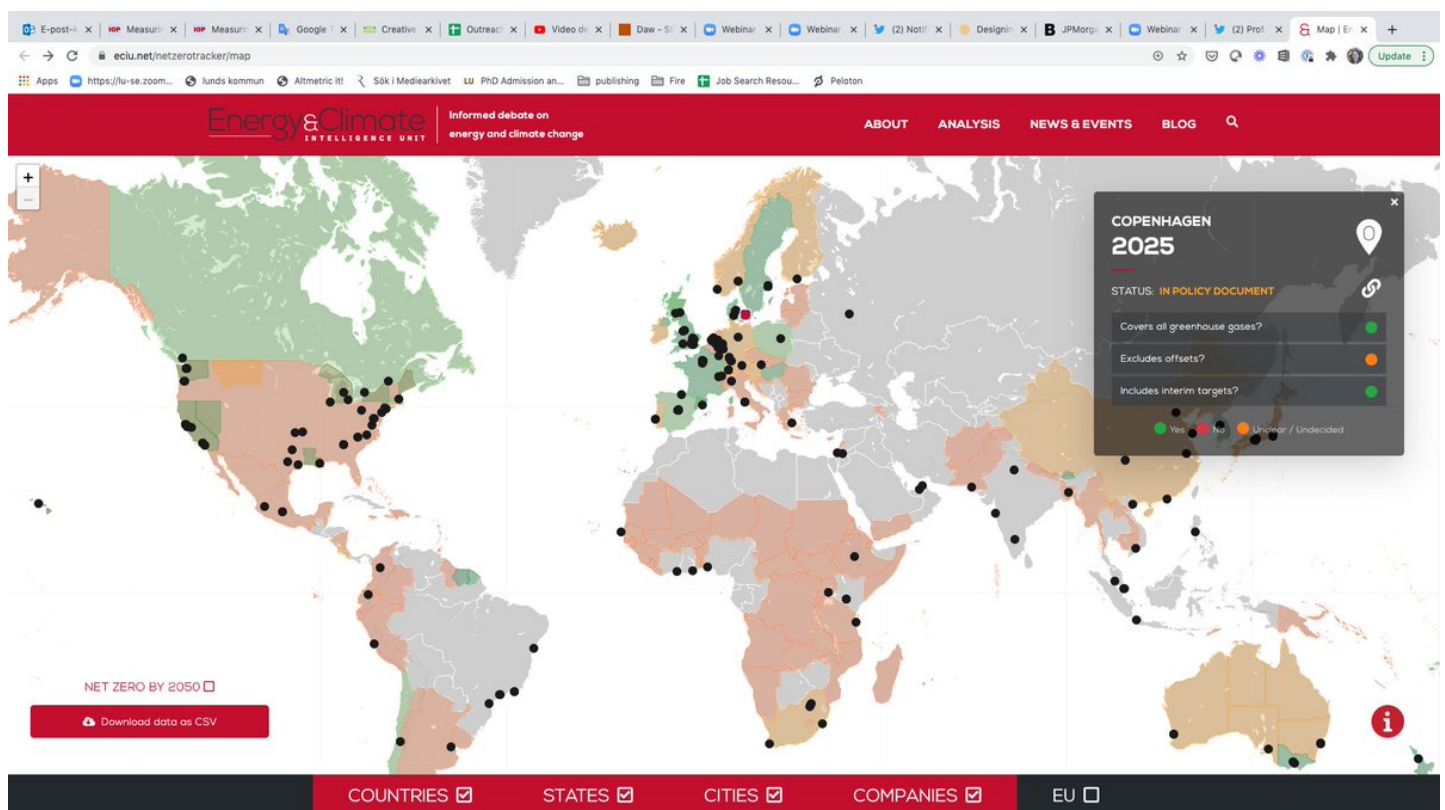
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Coming soon: #ClimateWatchData #dataviz library for cool things like this! [@Matt_Herbert](#) says they can help with #climate #dataviz, get in touch w/ [@WRIClimate](#). (10/n)



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

