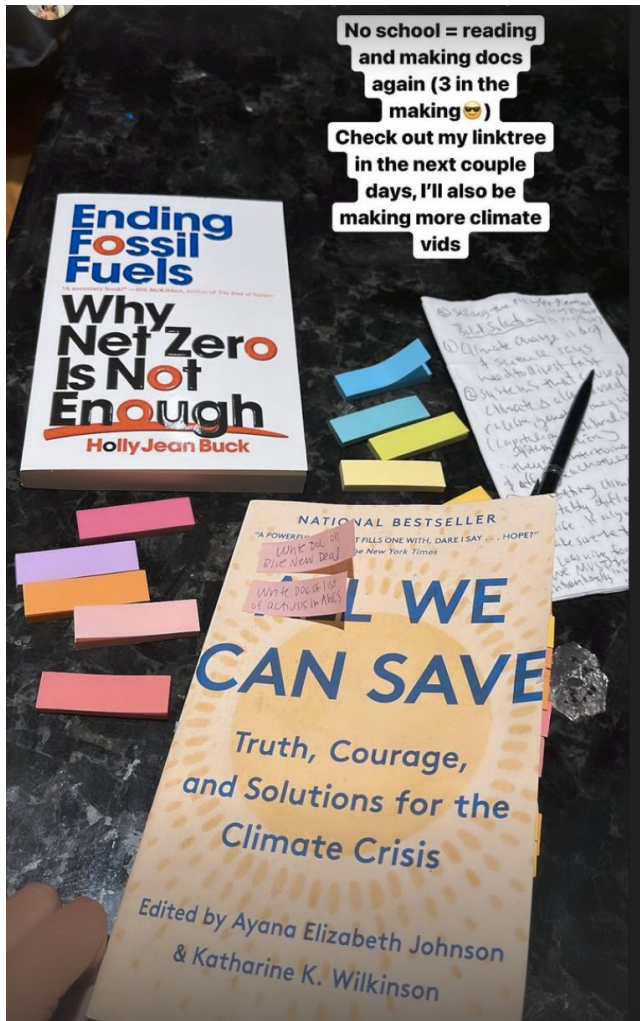


Hope in the midst of a climate crisis

Elise Joshi, Executive Director at
Gen-Z for Change







Revolutionary Optimism

Document made by Elise Joshi based on "All We Can Save"

What to advocate for

Sustainable Buildings

Comprehensive building policy and solutions: <https://climatecrisispolicy.org/topics/7/>
<https://www.drawdown.org/sectors/buildings>

- The issue
 - 40% of energy goes to buildings - to heat, cool, light, cook, and power
 - Many buildings are made of too much glass yet without operable windows; they overheat like greenhouses and then guzzle energy to cool down
 - Large square structures house dark interiors with little natural light and then tap the electric grid to light them
 - We ship construction materials across the world regardless of the amount of carbon it takes
- The solutions
 - A Green New Deal for Public Housing
 - The labor required to carry out deep retrofits of public housing has the potential to create up to 240,000 jobs per year, including up to 95,000 skilled maintenance and construction jobs
 - 70 percent reductions in energy costs from deep energy retrofits
 - Biophilic design: Philia meaning "love", bio meaning "life"
 - When any building is created, it emerges in response to the unique climate, ecology, culture, and community of its specific location
 - U.S. Green Building Council's LEED rating system now references biophilic design, and it is included in the WELL Building Standard
 - Prioritize local alternatives to construction materials
 - Zero carbon buildings that use no fossil fuels during construction, renovation, or operation
 - Indigenous homes worldwide have long been heated and cooled naturally, using the evaporation of water to cool spaces in desert climates, for example.
 - Buildings of the future will eliminate heating and cooling systems for most of the year and rely on natural ventilation and daylight
 - A combination of very high efficiency and passive solar can maintain comfortable indoor temperatures with outdoor temperatures as low as 45 degrees Fahrenheit

Climate Change: Current Cris...

All statistics from The Uninha...

Introduction

Heat Death

Hunger

- Drowning

Wildfire

Disasters No Longer Natural

Freshwater Drain

Dying Oceans

Unbreathable Air

Plagues of Warming

Economic Collapse

Climate Conflict

"Systems"

Climate Change: Current Crisis and Predictions

All statistics from *The Uninhabitable Earth*

Author: David Wallace Wells

Document made by Elise Joshi

DISCLAIMER! The data from this document comes from credible climate studies and groups, such as the International Panel of Climate Change (IPCC). While this document does not cite sources, it all comes from *The Uninhabitable Earth*. The book itself has 100 pages of just sources. Feel free to Google or purchase this book for sourcing or more information on the topics below.

KEY:

Green: climate change predictions
Purple: current state of climate change
Orange: feedback loops
Red: effects of climate on health and/or environment

Link to this document:

https://docs.google.com/document/d/e/2PACX-1vTviLB3_xDjR0pd7oLYTec8xFX52Jws0Y2WSPd2xD3XsBOy3uofMS1yRXrpuuBIEp8HrH9KM8oLyFLj/pub

Introduction

- More than half of the carbon exhaled into the atmosphere by the burning of fossil fuels has been emitted in just the past three decades.
- The U.N. projections are bleaker: 200 million climate refugees by 2050.
- IPCC integrates only new research that passes the threshold of arguability
 - Immediately implementing the Paris Agreement's commitments will get us to about **3.2 degrees of warming**
- Recent research suggests that our current climate models may be underestimating the amount of warming we are due in 2100 by as much as half (meaning an expected 4 or 5 degrees of warming)
- Every degree of warming costs a temperate country like the U.S. 1% of GDP
- Two degrees
 - Ice sheets will begin their collapse
 - 400 million more people will suffer from water scarcity
 - Major cities in equatorial band of planet will be unlivable
 - Heat waves will kill thousands each summer in the northern latitudes
 - 32 times as many extreme heat waves in India, exposing 93 times more people
- Three degrees
 - Southern Europe will be in permanent drought
 - Average drought in Central America would be 19 months longer

Heatwaves



At 2 degrees Celsius warming, the deadly heatwaves India and Pakistan saw in 2015 may occur annually.

Image credit: wili hybridLokantha at en.wikipedia



GLOBAL CLIMATE CHANGE
Vital Signs of the Planet



Coral Reef Impacts

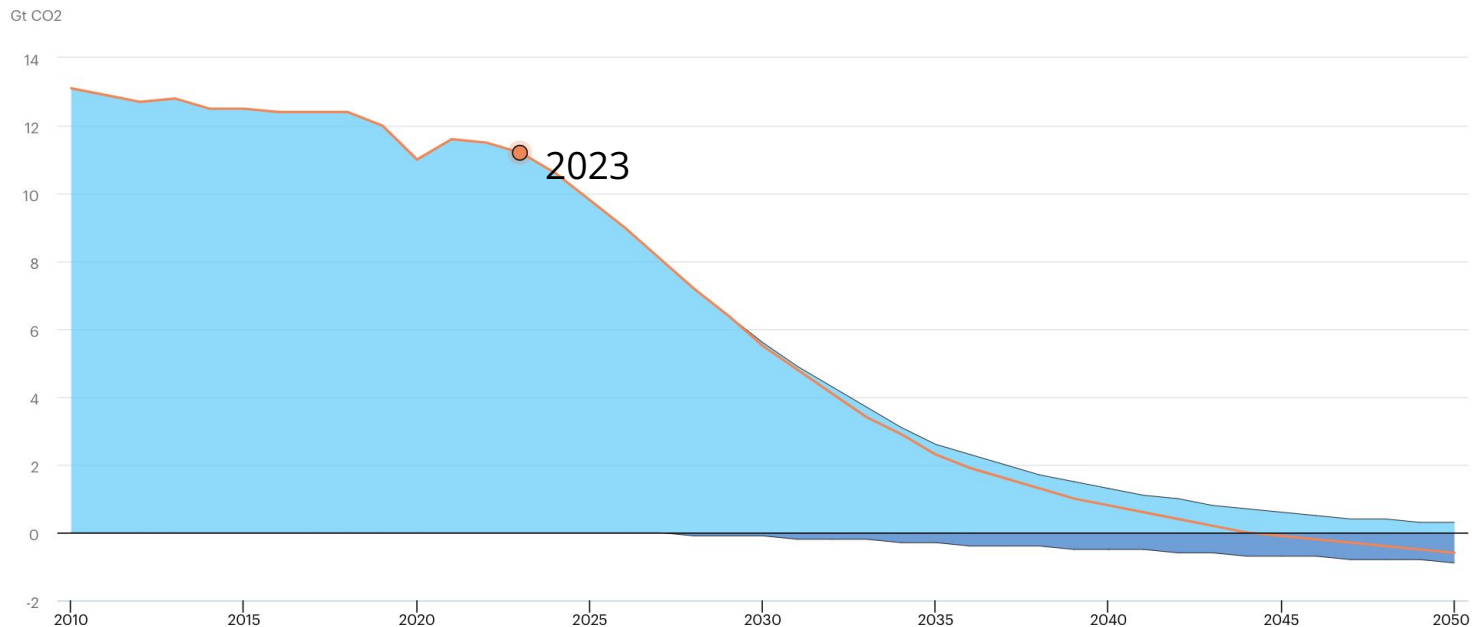


Ocean warming, acidification and more intense storms will cause coral reefs to decline by 70 to 90 percent at 1.5 degrees Celsius warming, becoming all but non-existent at 2 degrees warming.

Image credit: NASA/JPL-Caltech



Gross emissions and removals, and net emissions in advanced economies in the Net Zero Scenario, 2010-2050





ipcc report

2021-8-9

not a fun read to say the least
[#climatechange](#) [#ipcc](#)



elisejoshi

▶ 710.9K



amazing

i really shouldn't have watched this entire video, my anxiety cannot handle it

2021-8-11 Reply



0



ანუკი

i'm genuinely so scared

2021-8-11 Reply



0

Risk Perceptions of Climate Change

Worried about global warming



Global warming will harm plants and animals



Global warming will harm future generations



Global warming will harm people in developing countries



Global warming will harm people in the US



Global warming will harm me personally



Find related content
... report worse health outcomes and ... among vulnerable populations.

AB 1400 sets in motion a single-payer health care coverage system in California, called CalCare, for all residents, regardless of citizenship status. By streamlining payments and lowering per-capita health care spending, CalCare guarantees quality health care and long-term care without creating barriers to care or out-of-pocket costs.

By affirming health care as a right to all Californians and establishing a payment system that eliminates waste and aligns reimbursements with the value of care, we can make significant progress in reducing and acquiring state and federal funding.

HEALTH

An estimated 100 million Americans remain uninsured, and the cost of necessary medical care is rising. The number of people who have lost their jobs or are struggling to afford the economic recovery is also rising.

Health care is a top priority for voters, and the economic recovery is a top priority for voters.

View Analysis

AB1400, CA's proposed single payer health care bill



Gen-Z starbucks baristas unionizing

... would create 166,000 to 241,000 jobs annually, including 59,000 to 95,000 high-paying jobs in skilled maintenance and construction jobs in public housing complexes.⁴ In New York City alone, this would create 33,000 jobs per year, including 11,000 skilled maintenance and construction jobs.⁵ This level of new jobs, many of them union jobs, would only be possible thanks to the proposed level of investment ambition.

Investing in green retrofits will spur job creation across many sectors, far beyond the construction and maintenance jobs that will be created directly. In the case of New York City, \$48 billion invested in the NYC Housing Authority (NYCHA) would

2. Laura Legere, "How a Pa. Act Will Speed Ultra-Efficient Buildings Makeover," *Post-Gazette*, www.post-gazette.com/business/real-estate/housing-tax-credits/2020/04/30/ultra-efficient-house-design/story/, accessed April 30, 2020.
3. Daniel Aldana Cohen, "How Making Homes Energy Efficient Can Create Jobs," *Stefanos Chen*, "Counting-Down-to-2030," *Times*, July 12, 2019.



Green New Deal for Public Housing



Gen-Z for Change



@genzforchange ✓

609

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team@genzforchange.org


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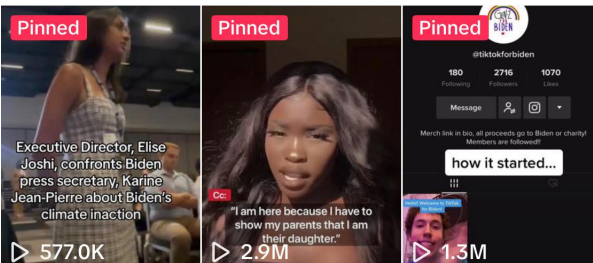
 Add Yours



 Tea Time

 Meet the team

 DSYPTW



A TikTok Army Is Coming for Union Busters

Online activists Gen-Z for Change targeted Starbucks and Kroger for anti-union firings. Now they plan to take aim at Amazon.

Launched in 2020, the group rebranded from its original moniker, TikTok for Biden, after the president's inauguration. The makeover also meant a broader remit, with content creators trumpeting issues from climate change to foreign relations. Over the past couple of months, members have begun to turn their attention to the labor movement. After Starbucks, they spammed the Kroger-owned supermarket Ralph's, which posted temporary replacement jobs after unionized workers there authorized a strike. Next, they're setting their sights on Amazon.

Since they launched Change Is Brewing, the trio says 140,000 people flooded the application pool for Starbucks' Memphis store and another location in Buffalo where unionizing workers were also fired. Last week, when Starbucks posted a job for a director of corporate labor counsel with experience in "strike contingency planning," the organizers rallied their followers, who submitted 40,000 phony applications. Shortly thereafter, the company removed the posting. Starbucks did not respond to a request for comment on this story.

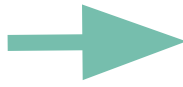




Bay Area BART map today vs. BART that connects the entire Bay Area



Bay Area Rides Together



Gt CO₂

