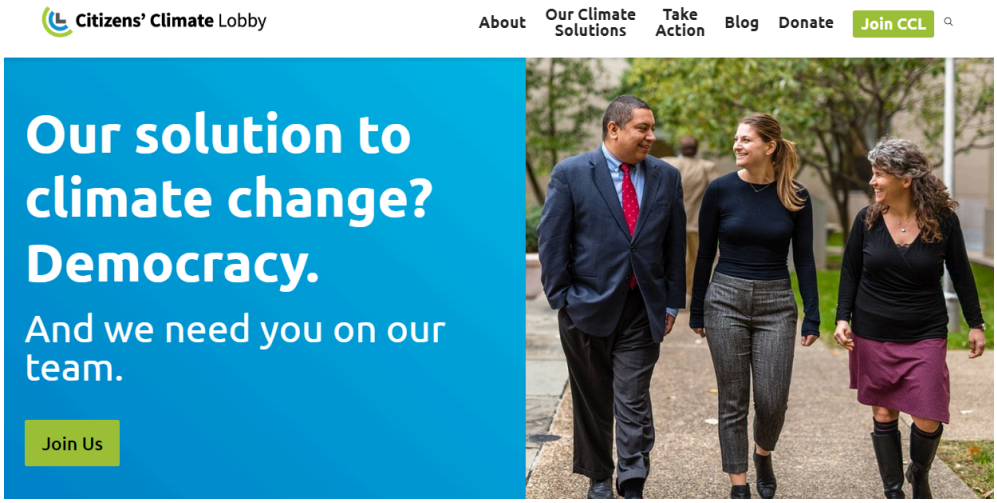
Nonpartisan Lobbying in Congress

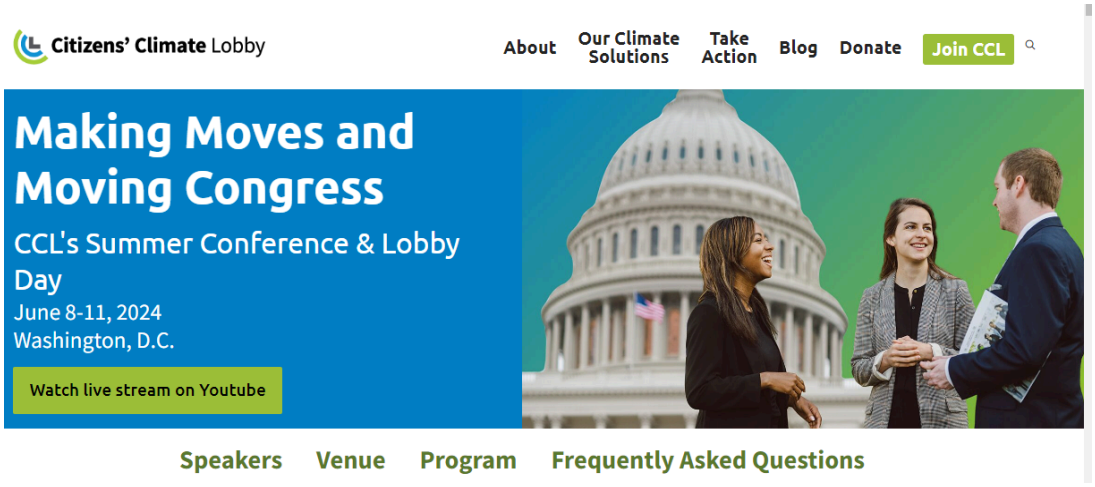
Harriet and I headed for DC on June 11 to work with Citizens' Climate Lobby, a nonpartisan organization of 220,000 pushing political action which can move us forward.

Around 1200 attended the conference and 1000 stayed for a day of lobbying with Senators, Representatives and their staffs. Over 430 meetings were held (of the total of 535 offices on the Hill).

Let's talk about this dimension of our learning about the Climate (and it was so great to get such encouraging words from many of you!)



https://citizensclimatelobby.org/



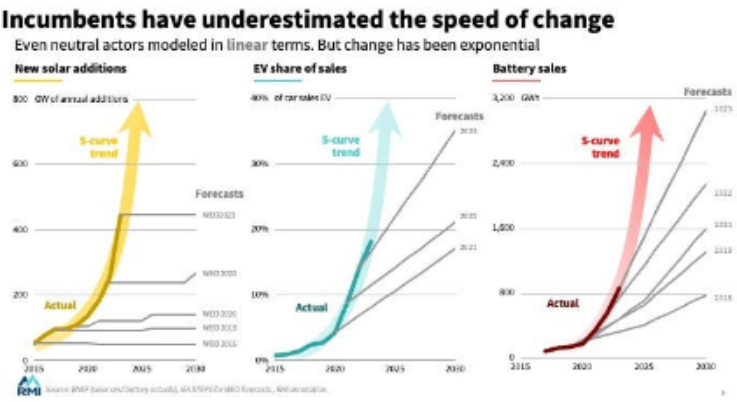
https://citizensclimatelobby.org/climate-change-conferences/summer/
https://www.facebook.com/CitizensClimateLobby

maclankford@gmail.com

We're actually in this picture!

And for Joe in Montana:

GOOD NEWS CORNER - Reducing Fossil Fuels even without political requirement ?



REPORT | 2024

The Cleantech Revolution

It's exponential, disruptive, and now.

The Cleantech Revolution is the third installment of RMI's annual energy transition presentation. In it, RMI charts how the energy system is being disrupted by the exponential forces of renewables, electrification, and efficiency.

The past decade has seen remarkable progress and growth in cleantech. Cleantech costs have fallen by up to 80 percent, while investment is up nearly 10 times and solar generation has risen 12 times. Meanwhile, electricity has grown to become the largest source of useful energy, and the deep force of efficiency has reduced energy demand by a fifth.

As the drivers of change continue to overpower the barriers, cleantech will continue to grow up S-curves, pushing fossil fuel demand into terminal decline and pulling the Paris Agreement within our reach.

Bill Mckibben is a leading figure in moving society forward on Climate action.

He points to a new report: https://rmi.org/insight/the-cleantech-revolution/?utm_source=substack&utm_medium=email

"The S Curve shows incredibly rapid movement to cleaner, and what is now cheaper energy.

And the numbers in the new report give at least some reason for hope: sun and wind are now growing faster than any other energy sources in history, and they are coming online faster than anyone had predicted, even in the last few years. In the last decade, "solar generation has grown 12 times, battery storage by 180 times, and EV sales by 100 times." This charge has been led by China, where "solar generation up 37 times and EV sales up 700 time." and which as a result is **"poised to be the first major electrostate."** Europe, and indeed the whole OECD group, are now seeing rapid growth too, and the best news is that there are increasing signs that countries like India and Vietnam, where growth in demand will be fastest over the rest of the decade, are figuring out how to electrify their economies. Fossil fuel for generating electricity has peaked in Thailand, South Africa, and in all of Latin America."

Finally, I very often look at the sky and the different clouds and note which ones are keeping the heat in and which are helping by reflecting the incoming sunlight back into space. It's those wispy, very-high clouds which are holding the heat in. They're very cold and cold things don't give off much heat to space.

But I keep forgetting the OCEAN right there in front of me! It's absorbing over 90% of the excess energy. If it weren't, we on the surface would be 10+ C hotter!!! And that heat it's absorbing will be taking a huge toll on that ecosystem…

Approximate "Cheat Sheet":

1 meter → 3 feet **1 degree Celsius (^{0}C)** → 2 degree Fahrenheit (^{0}F)

ppm = parts per million **CO_2** = Carbon Dioxide

1 tonne = 1000 kilograms = 2205 pounds **1 gigatonne (1 Gt)** = 1 billion tonnes

1 trillion tonnes (1Tt) = 1000 gigatons