

# *Specific actions-Governments*

*This Fragile Earth, Our Island Home*

Session 5 of 6

Interfaith Association of Greater Long Beach NY

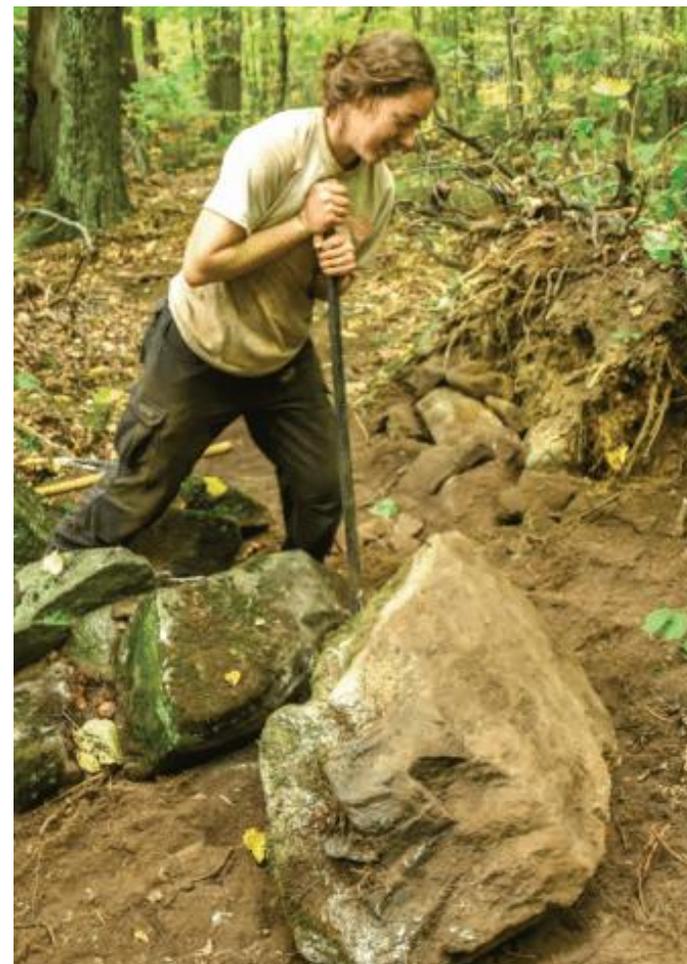


## Guiding principles

- Restore, then sustain natural carbon cycle
- 70-100% reduction in emissions by 2030 (reduction in consumption, shifting to zero emission energy).
- Removal of resident heat trapping gases from the atmosphere (reforestation & soil management)
- Climate justice - no repeat or reinforcement of existing inequities

Tools: Government polices, action:

## Leverage



# Agenda

- Federal Action
- State Action
- Local Action
- Wish list (if time allows)
- What YOU can do
  
- Q&A
- What's Next



# Federal Government

1. Global cooperation – *Paris Agreement*
2. National price on carbon
3. Transformative and sustainable farm bill

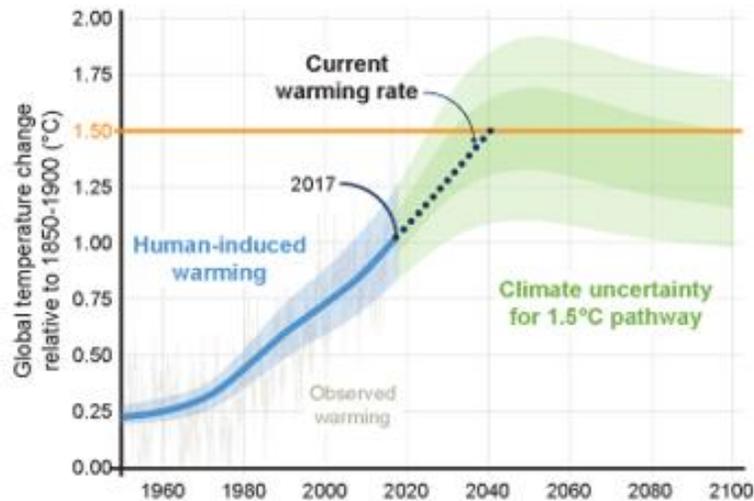


Citizens Climate Lobby 2018

# Global cooperation

## FAQ1.2: How close are we to 1.5°C?

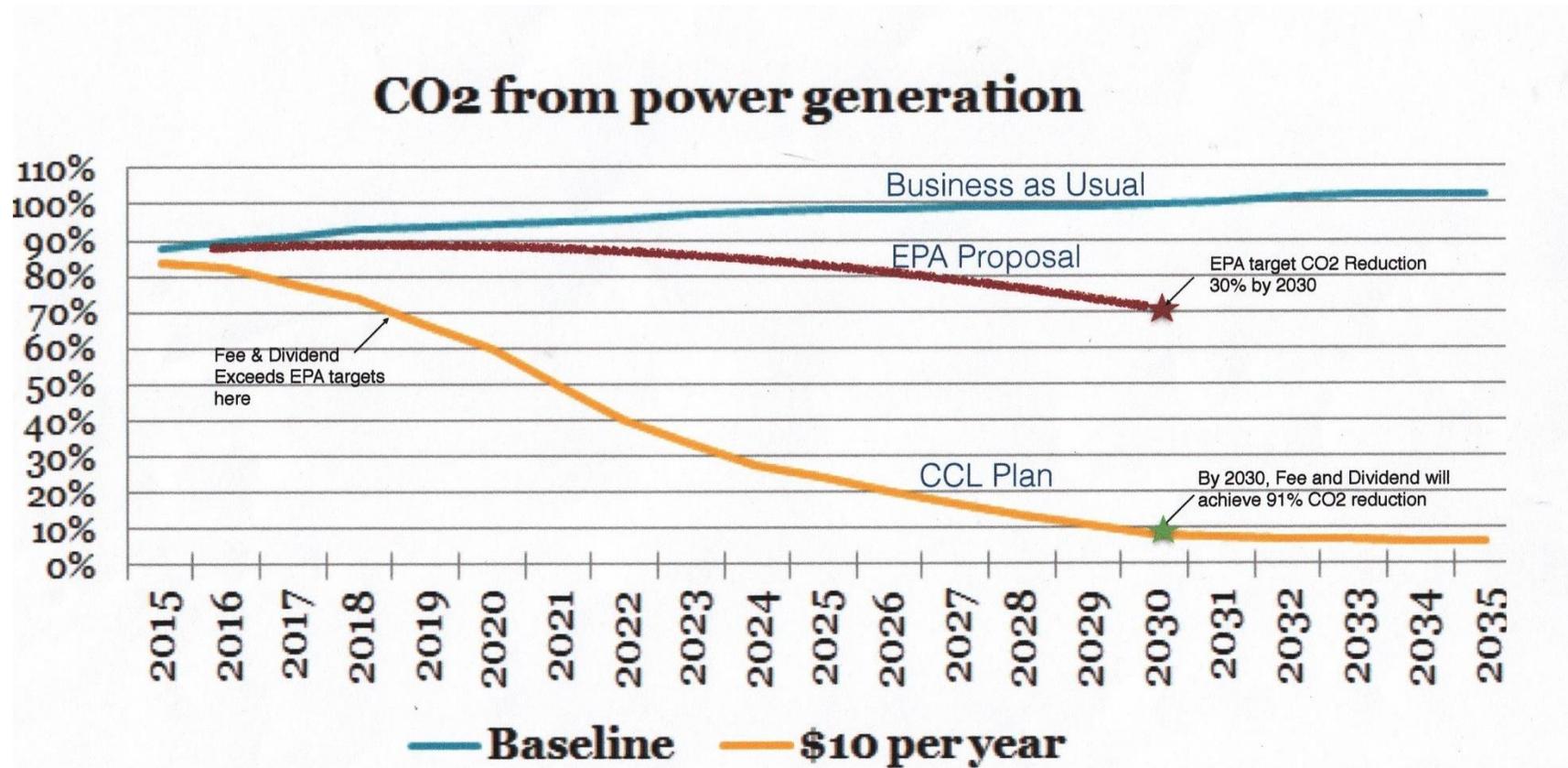
Human-induced warming reached approximately 1°C above pre-industrial levels in 2017



UN IPCC Special Report  
on Global Warming 2018

- Paris agreement
- One fails, we all fail
- Climate justice – rich countries' IOUs
- Clean power plan on steroids

# Clean Power Plan vs. Carbon Fee & Dividend



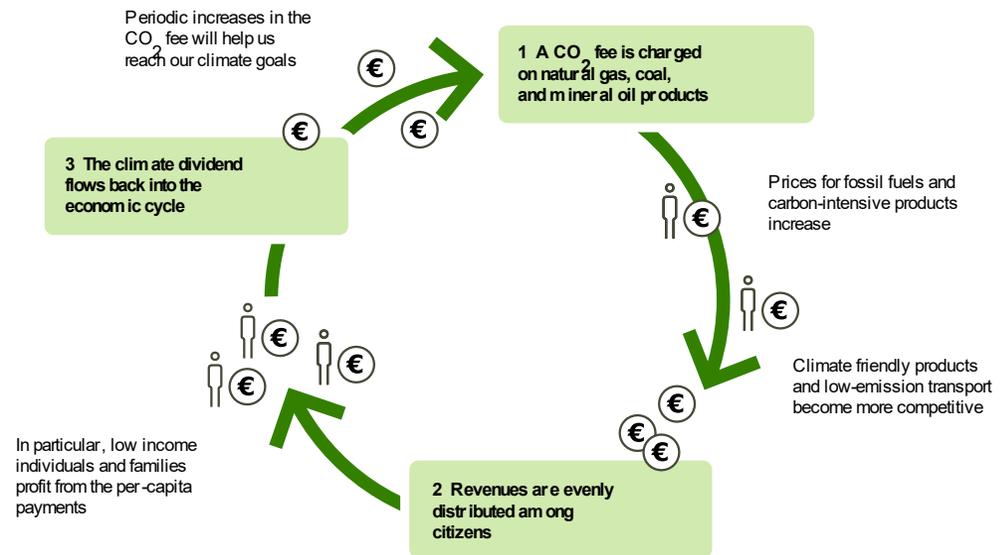
Citizens Climate Lobby

# Carbon Fee & Dividend

Congress put a national price on carbon, return revenues back to households

- Reduce emissions 40% in 10 years
- Jobs, health benefits
- Justice: not a regressive carbon tax

## CO<sub>2</sub> fee and climate dividend For an effective, sustainable, and fair climate policy



The work is licensed under the Creative Commons Attribution-ShareAlike International 4.0 (CC BY-SA 4.0) License

ShareAlike International

- Degrading the soil and harming people's health
- No drawdown
- Not an accident: private interests driving policy

Rx:

- Stop subsidies to monoculture crops supplying processed foods
- Pay farmers to store carbon and restore the soil (Silvopasture, Regenerative Agriculture, Composting and Fertilizer/nitrogen management)
- Nutritious plant-rich diet to ALL (eliminate food deserts)

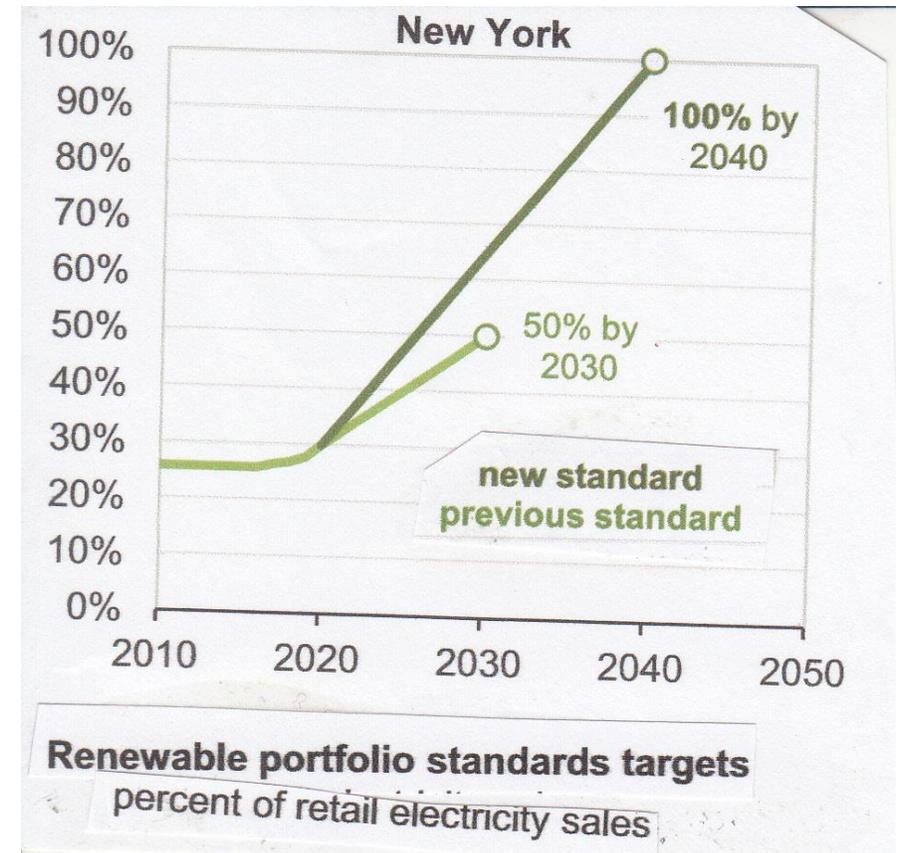
# Overhaul the farm bill



FreedomWorks

# States regulate utilities

1. Low carbon electricity portfolio standard needed: 100% by 2030
2. Reduce electrical consumption
  - Audits, discounts on energy efficient equipment
  - Focus service over volume (new business model)
3. Favorable rules for distributed (roof top) solar



US Energy Info Agency

# Local Government

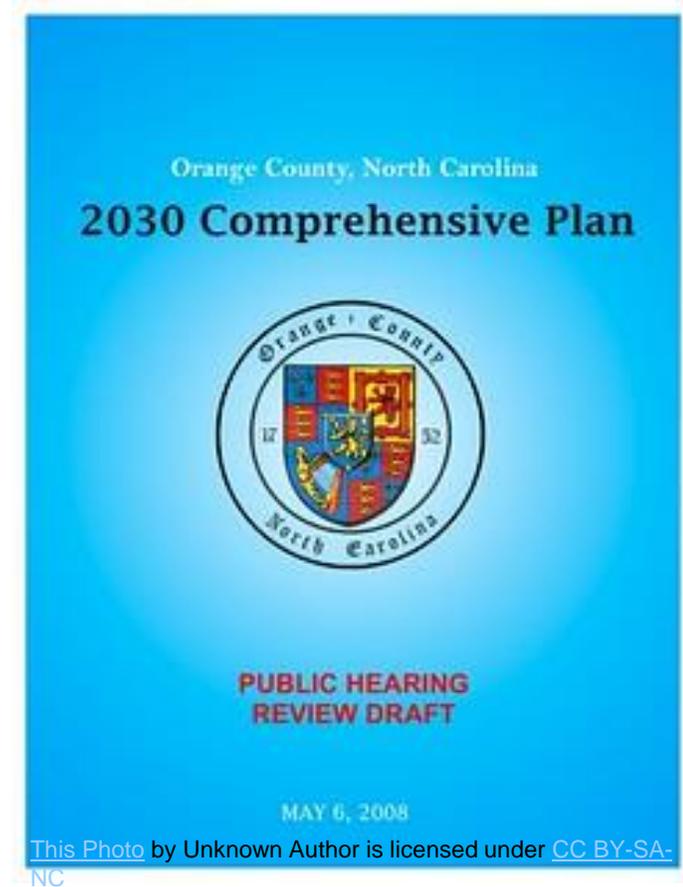
1. Lobby State and Federal
2. Comprehensive plan > *Adaptive Mitigation*
3. Refrigerant disposal



Village of Freeport, NY

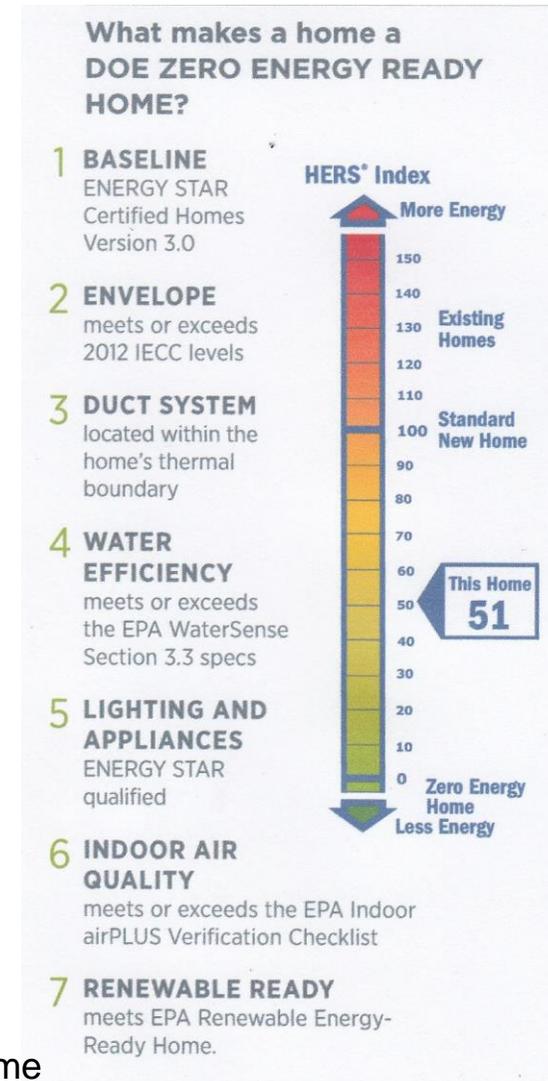
# Comprehensive Plan

- Vision
  - Natural world's best ally
- Goals and objectives
  - Restore natural carbon cycle
  - 70-100% emissions reduction by 2030
  - Sequester carbon
- Strategy: Adaptive Mitigation



# Specific Local Policies

- Zero Energy Building Codes
    - New construction & Renovation
    - Financial savings, mortgage security
    - Justice for affordable and low-income housing
  - Transportation
    - Planning - mixed housing, commercial and business operations
    - All electric public transit\*
    - EV charging\*
- \*All powered by zero emission sources



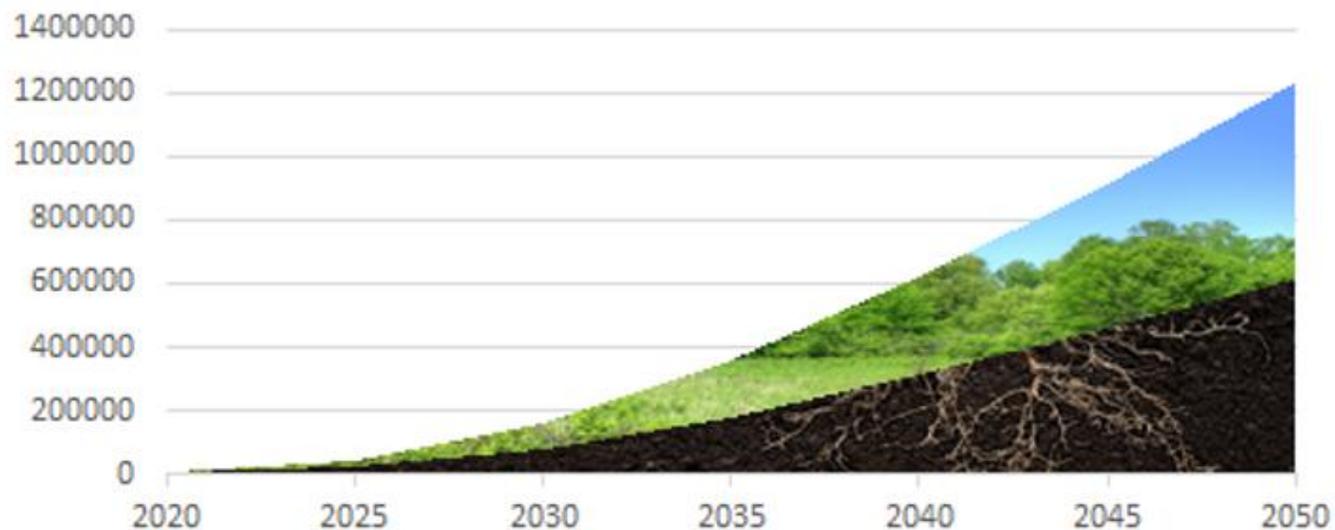
Habitat for  
Humanity  
South  
Sarasota  
Count

# More local policies

- Tax incentives for Native Landscapes and Reforestation
- Composting program
- Land development without total deforestation
- K thru gray education and awareness

3/4/2021

Pounds CO<sub>2</sub> Sequestered Above and Below Ground 2020-2050



# Refrigerant management police

- Drawdown #1 solution of 100
- 90 percent of refrigerant emissions happen at end of life
- Effective disposal of those currently in circulation is essential.
- A/C, Fridge



[This Photo](#) by Unknown Author is licensed under [CC BY-ND](#)

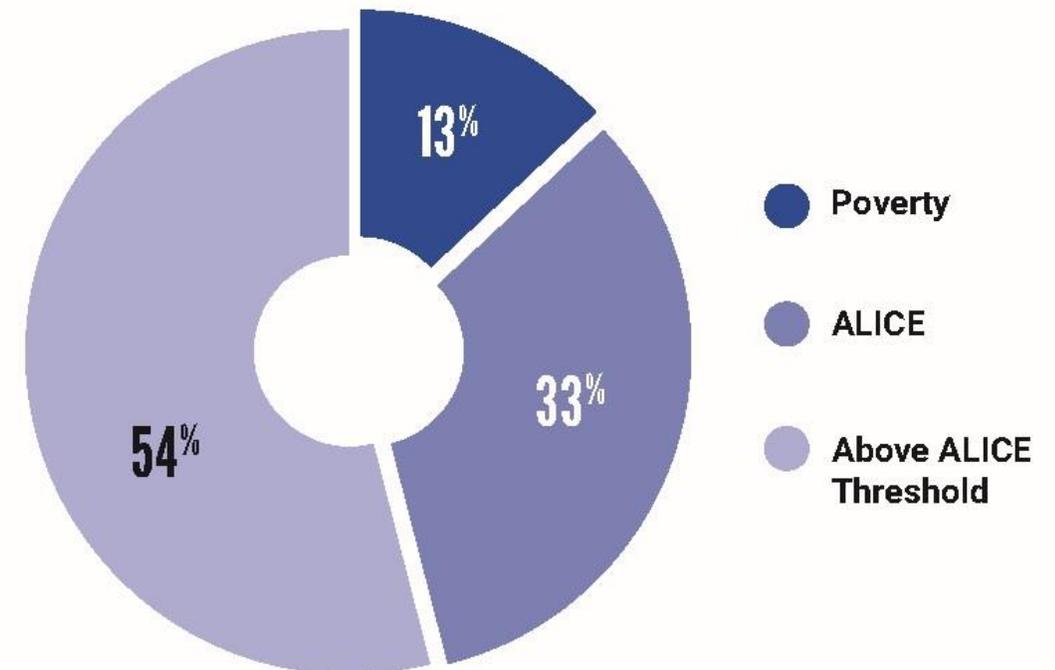
# Wish list – Federal Level

- *We the People* amendment
- Pandemic response
- Resurrect conservation corps



# The same strategies can help us recover from both the pandemic and the climate crisis

- Change economic measures of success
- Abolish corporate personhood
- Convert from fossil fuels to zero emission energy
- Reforestation and soil management



United Way Florida

# Resurrect the Conservation Corps

- Global tree restoration potential
- Unemployed in poverty
- Depression era model
- Costa Rica example



Smithsonian Magazine

# What can we do?

- They are spending your tax dollars – on subsidies
- Counter the fossil fuel and big Ag lobbyists
- One on one contact
- Spread the word- digital and traditional media
- Join advocacy groups
  - Citizens Climate Lobby
  - Move to Amend



# Questions



[This Photo](#) by Unknown Author is licensed under [CC BY](#)

- **Federal**
  - International cooperation
  - National carbon fee and dividend law
  - Overhaul farm Bill
- **State**
  - Low carbon electrical portfolio standards
  - Reduce electrical consumption
  - Community solar, etc.
- **Local**
  - Lobby state and federal
  - Adaptive mitigation
  - Refrigerant management



# What's next?

Follow up email tomorrow

- Homework: Quiz
- Registration for session #6, Graduation
- References
- Slide show
- Recording of this session

Can't wait? Go to  
<https://tinyurl.com/withGreta>