

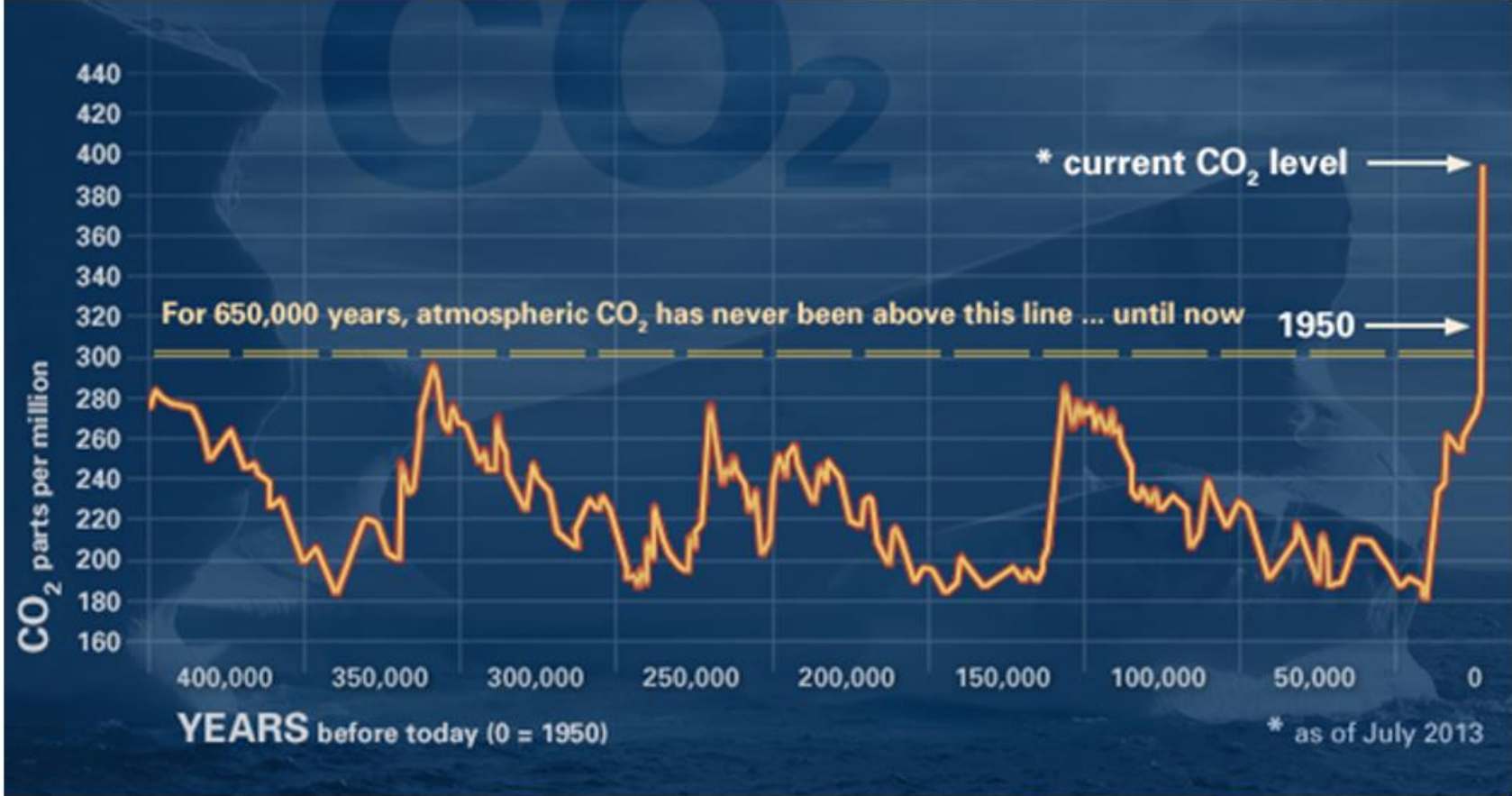
Frome Town Council – Climate Emergency



Anna Francis

Resilience Manager, FRECo Chair

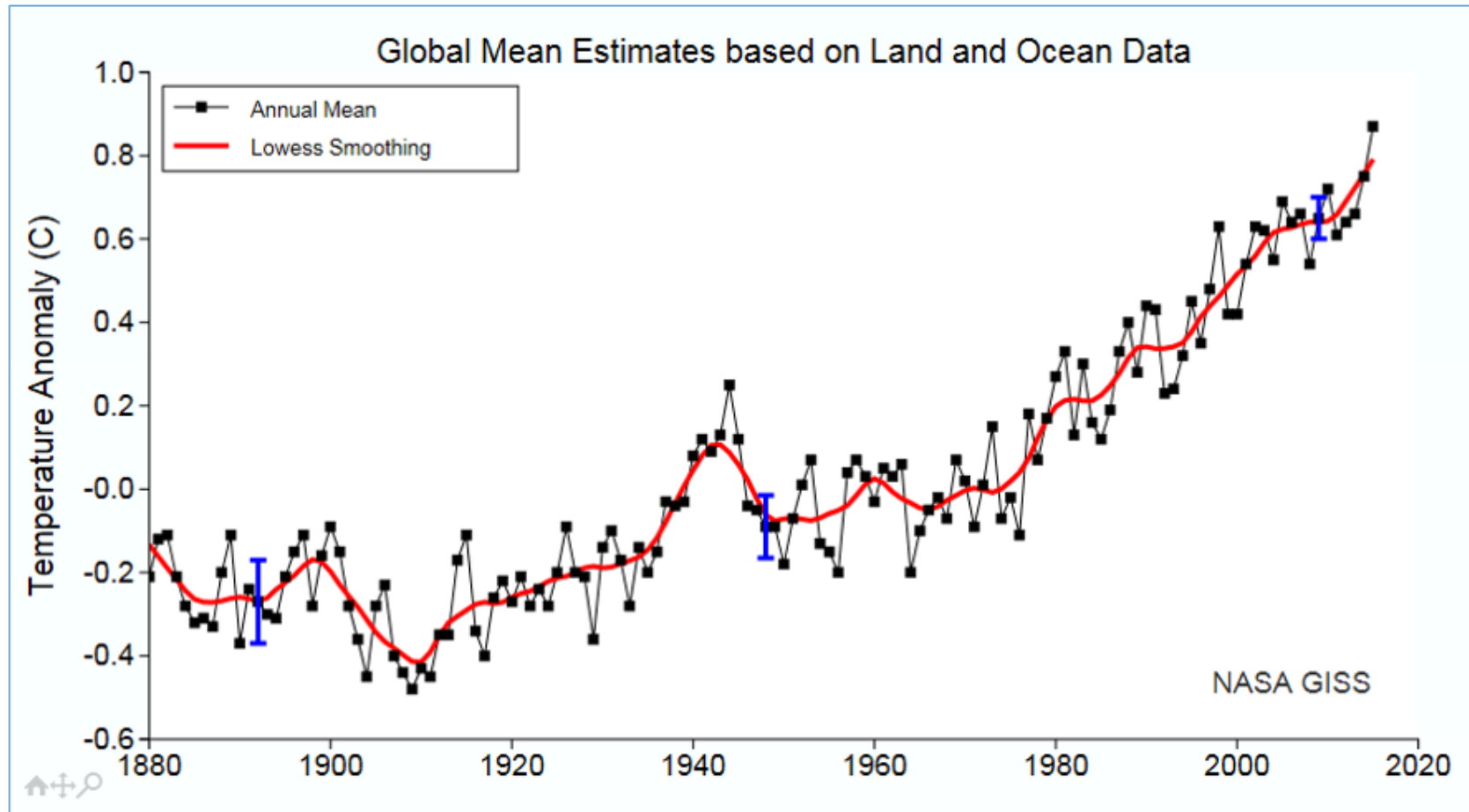
Global carbon dioxide concentrations, last 400,000 years:



[://Climate.nasa.gov/evidence](http://Climate.nasa.gov/evidence), accessed Jan 6th 2017

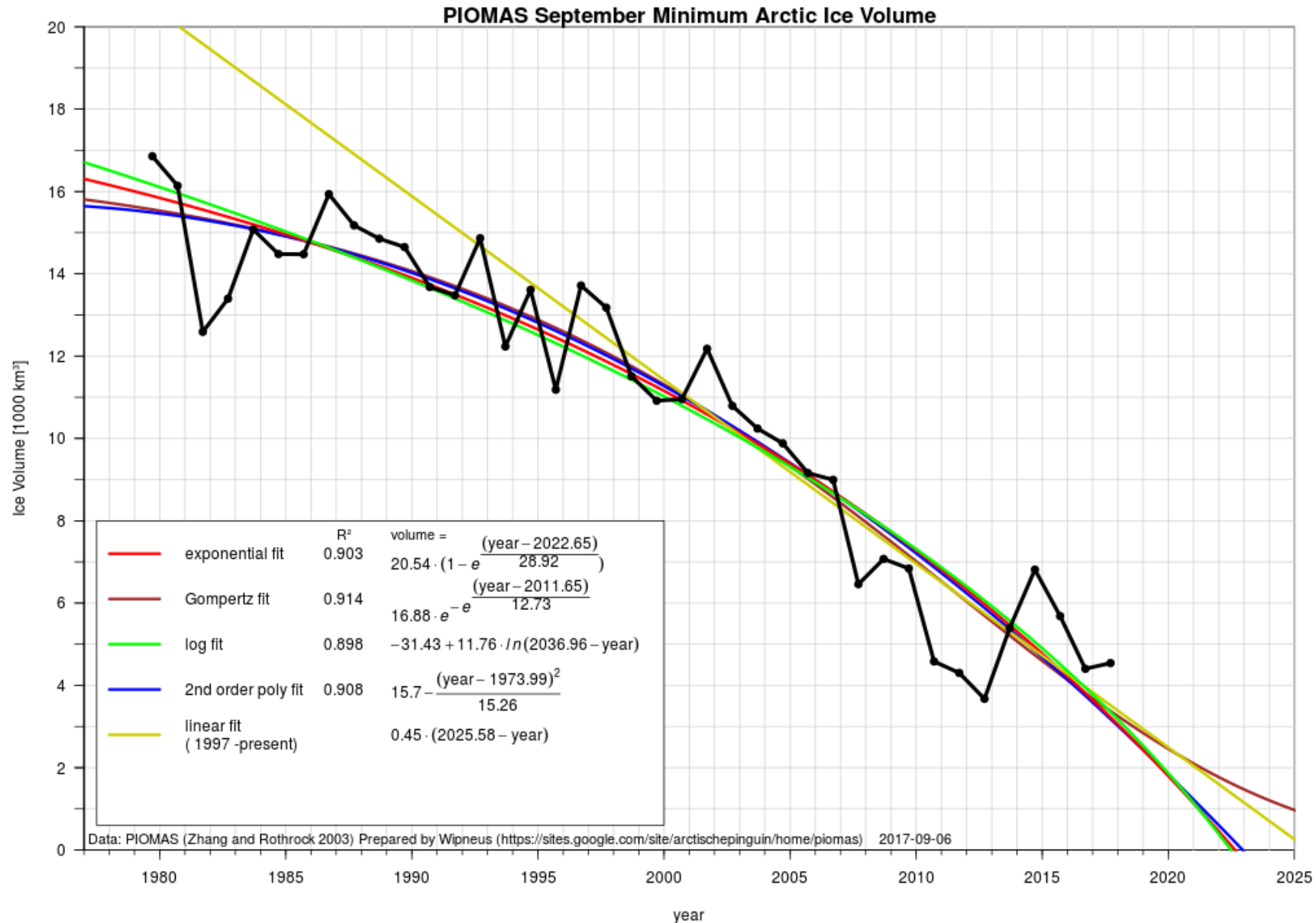


Global change in air temperature, last 130 years:

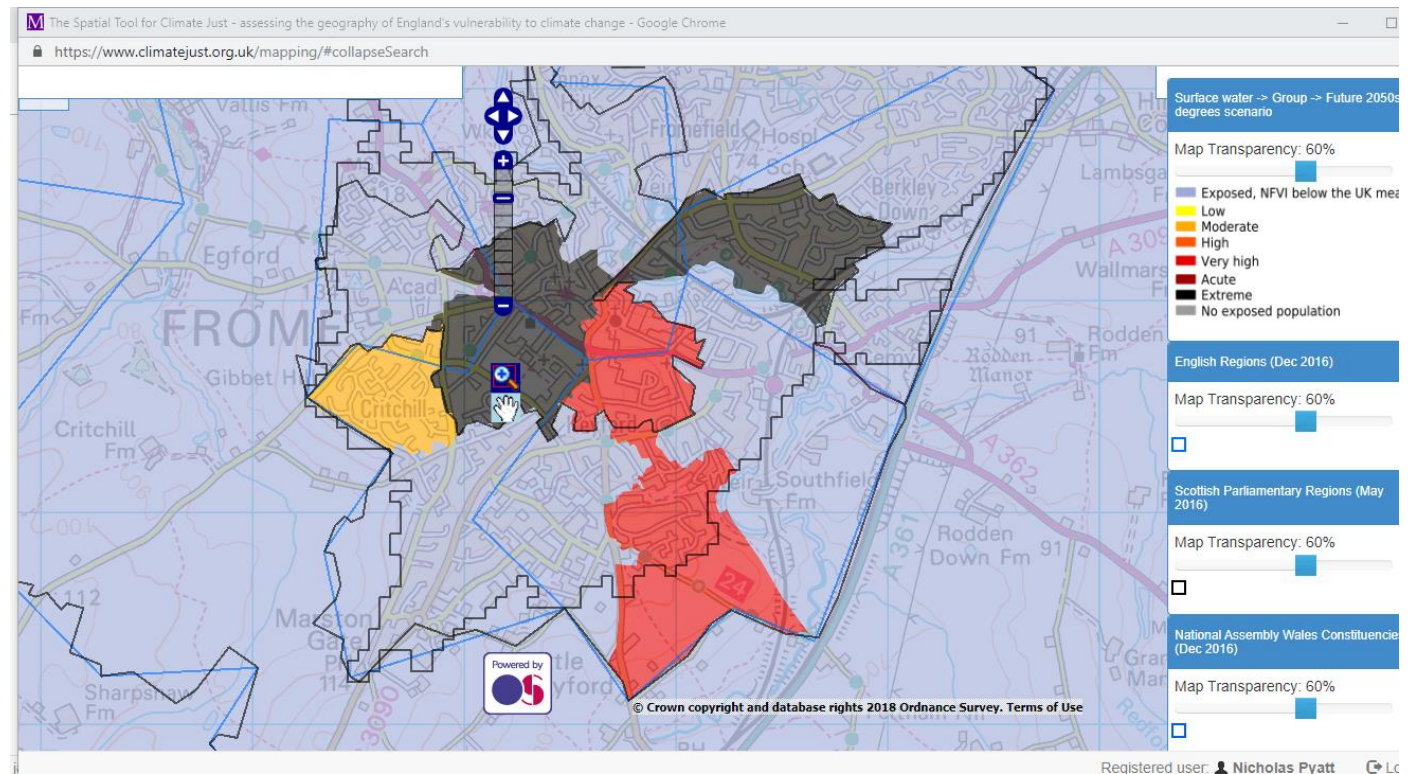


iss.nasa.gov/gistemp/graphs/, accessed Jan 6th 2017

What Emergency?



Flooding



Met Office: sea levels may rise by 1 meter at Bristol Channel by 2070. 5.4°C hotter in summer 4.2°C in winter.

Summer rainfall could decrease by 47% and increase by 35% in winter.



What can we do?

1. Declare an emergency- paper, presentation and calculator
2. Reduce energy demand – CSE, Evolve, planning
3. Increased renewable energy – Solar Streets, commercial offer
4. Switching to electric vehicles - Raw
5. Government support – campaign at all levels
6. External funding – RCEF, South West Energy Hub, Innovate UK, Next Generation
7. Community energy
8. Develop a climate action plan
9. Promote the benefits, make it relevant

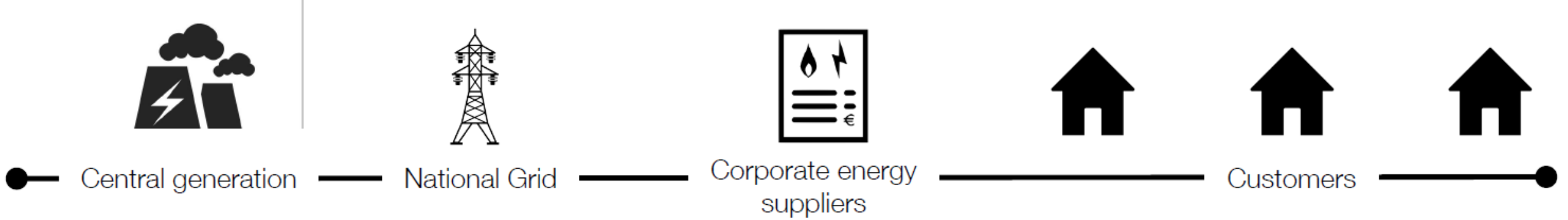




 **Microgrid Foundry**

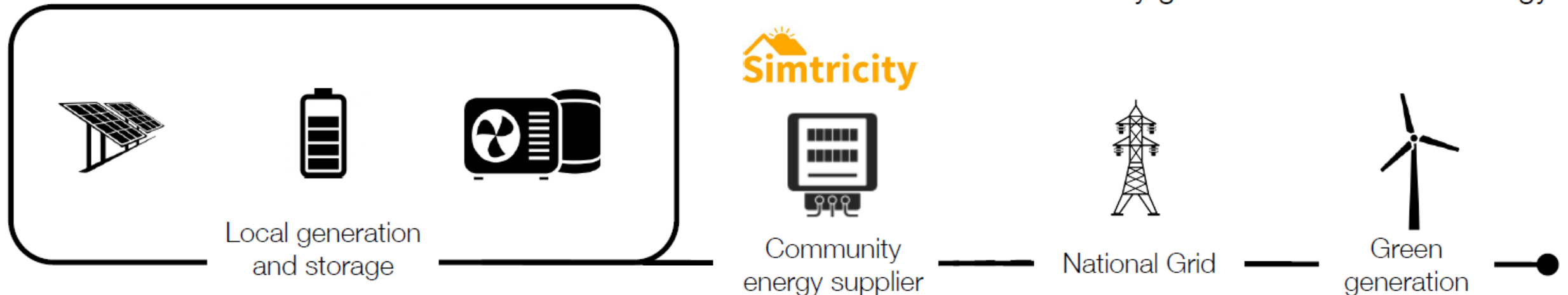
Community microgrids are privately owned local energy supply companies

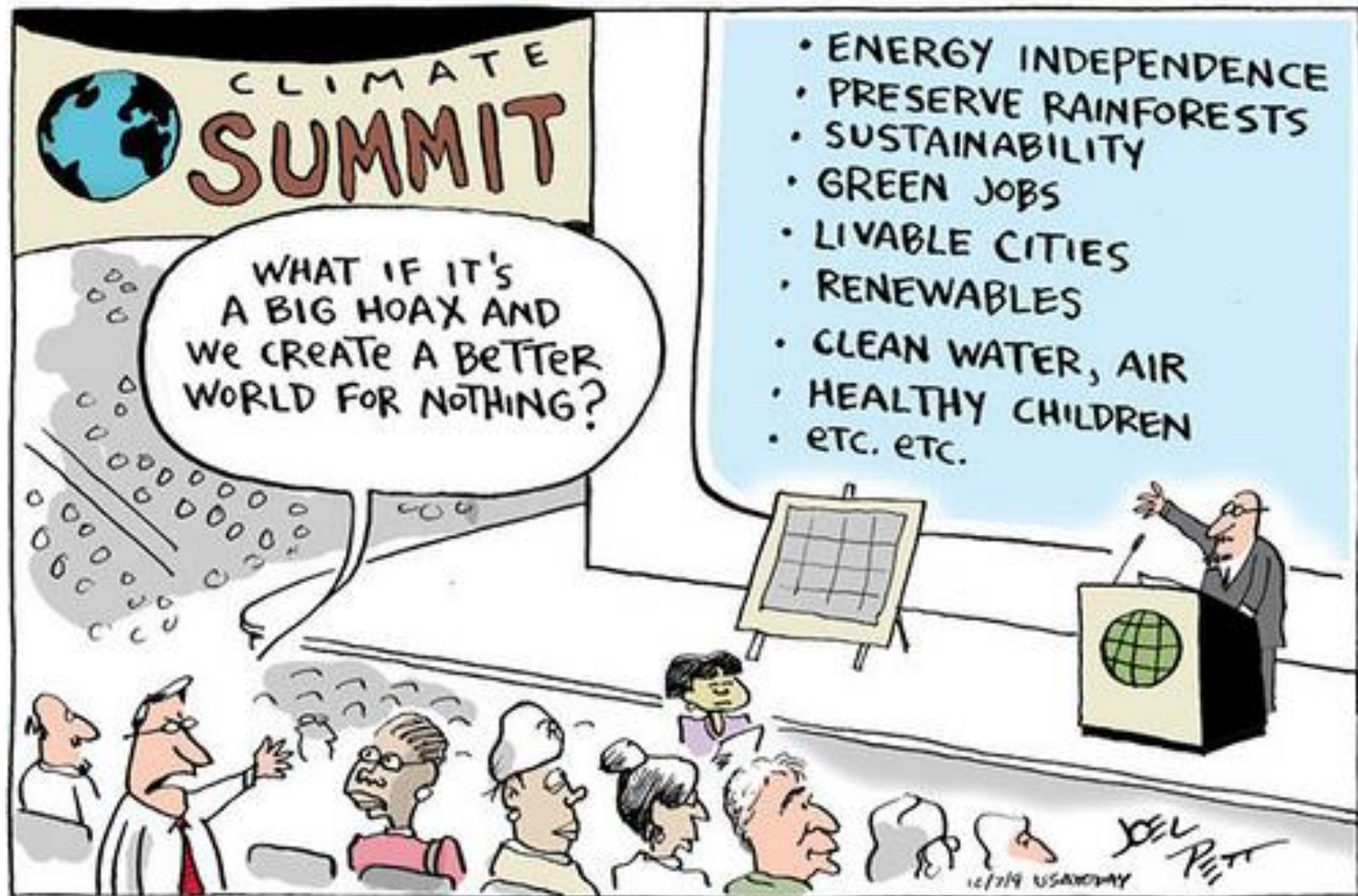
From the Traditional Model



... to the Community Microgrids Model

Community owned networks for sharing locally generated renewable energy





CLIMATE SUMMIT

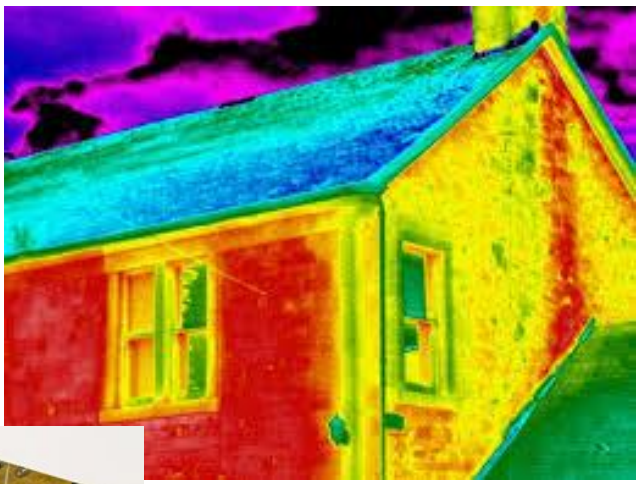
WHAT IF IT'S
A BIG HOAX AND
WE CREATE A BETTER
WORLD FOR NOTHING?

- ENERGY INDEPENDENCE
- PRESERVE RAINFORESTS
- SUSTAINABILITY
- GREEN JOBS
- LIVABLE CITIES
- RENEWABLES
- CLEAN WATER, AIR
- HEALTHY CHILDREN
- etc. etc.



JOEL PITT
12/19 USA TODAY

Energy: reduce demands, costs and emissions



Transport: reducing fossil use fuels



Reducing embodied carbon



Further Information

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What next?

- Renewables
- Retrofit
- Transport

What are the issues and opportunities?

What can we do together?