1. The climate crisis reinvented
Klein, chapters 1 & 2 | Optional: Dove & Kammen, chapter 1

2. Our mistrust of the future makes it hard to give up the past (4.4.16)
Klein, chapters 3 | Optional: Dove & Kammen, chapter 5

3. We don't tenure Mother Teresa (4.11.2016)
Klein, chapter 9 | Optional: Dove & Kammen, chapter 2

4. What are the barriers to action? (4.18.2016)
Klein, chapter 6 - 8 |

5. A neweconomics of the planet (4.25.2016)
Klein, chapter 4 | Optional: Dove & Kammen, chapter 3; Klein 12

6. Pasteur's Quadrant
Klein, chapter 7, 11 | Optional: Dove & Kammen, chapter 4

# Resources: Website: http://rael.berkeley.edu Twitter: @dan\_kammen

Homework #1: Due in class for L#3 List one item raised by Klein in Chapters 1 – 3 where you:

- a) want more information
- b) have a strong factual agreement or disagreement
- c) have a strong visceral agreement or disagreement
- (b) is optional

# Some Klein Questions:

'Nature speaks and mankind does not listen" (V. Hugo)

### Chapter 1: The Right is Right

What explains the refusal to accept the science and current entitlement and economic success

Climate science has not always been politically driven. What changed?

"Coddling climate denies does not work" Jon Foley. Why?

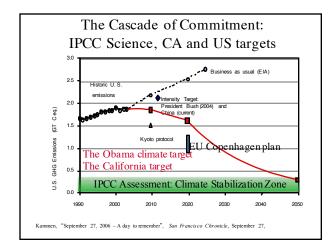
### Chapter 2: Hot Money

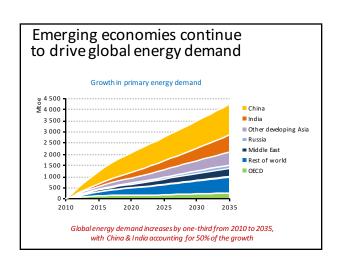
Economic growth = emissions? Can it really be that simple?

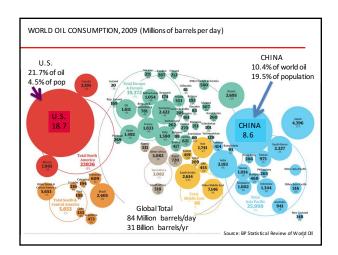
## Chapter 3: Public and Paid For

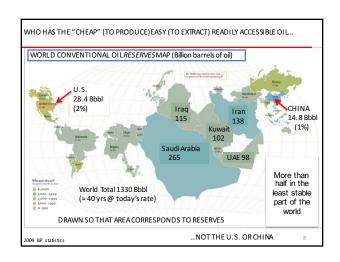
The German energy transition, "Energiewende": shrewd or costly?

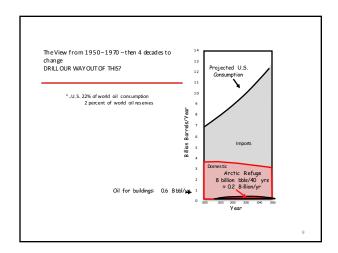
What institutions work to enable a social transformation? Which do not?

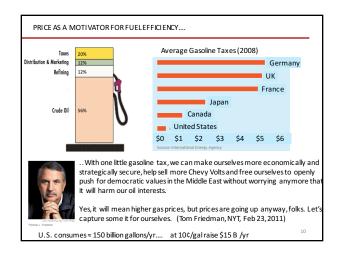


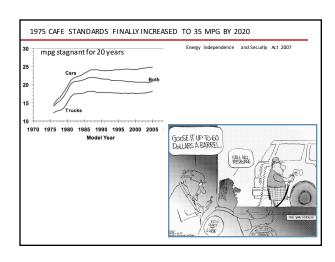


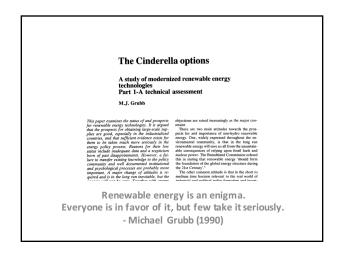


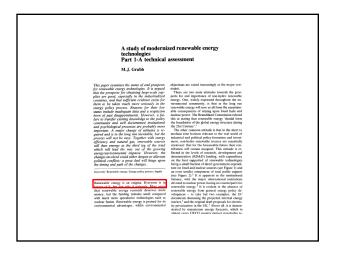


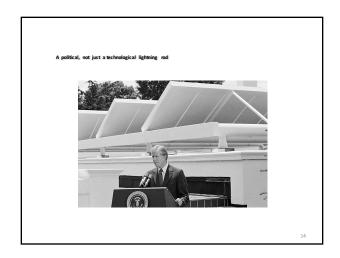












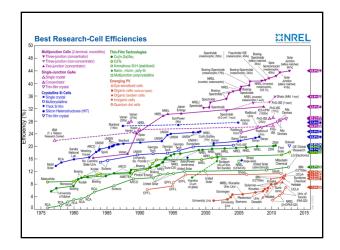
# They were quietly removed by the Reagan administration during a roof resurfacing in 1986

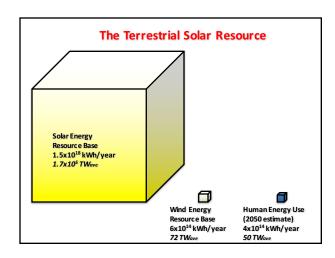
In 1986 the Reagan administration quietly dismantled the White House solar panel installation while resurfacing the roof.

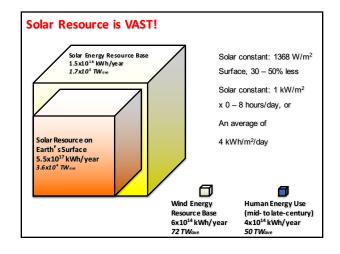
"Hey! That system is working. Why don't you keep it?" recalls mechanical engineer Fred Morse, now of Abengoa Solar, who helped install the original solar panels as director of the solar energy program during the Carter years and then watched as they were dismantled during his tenure in the same job under Reagan.

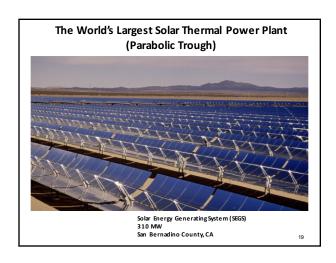
He then said, "Hey! This whole [renewable] R&D program is working, why don't you keep it."

We will return to this key issue at the end of the course



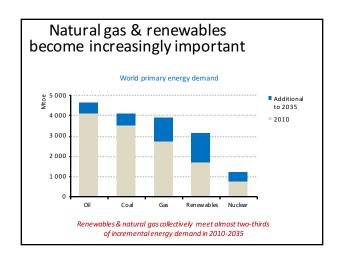








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Actions to reduce emissions

GHG Intensity-Demand Diagram

2050 BAU
Emissions
(830 MtCO<sub>2</sub>e)

Fuels Electricity
Demand

From: California's Energy Future—The View to 2050, California Council on Science and Technology, 2011 29

