15.031: ENERGY DECISIONS, MARKETS, & POLICIES

Recitation 3

- Lecture Questions and Discounting/Present Value
- Markets & the State
    - Alternative Conceptions of the Ideal State
- C-LEARN
    - The Climate Game next week (W, F)
- Split Into Teams
    - 3 groups then split into two worlds
        - Total 6 teams

C-LEARN

- What is it?
  - A decision-maker-oriented simulation that helps users understand the long term climate impacts of scenarios to reduce greenhouse gas emissions.
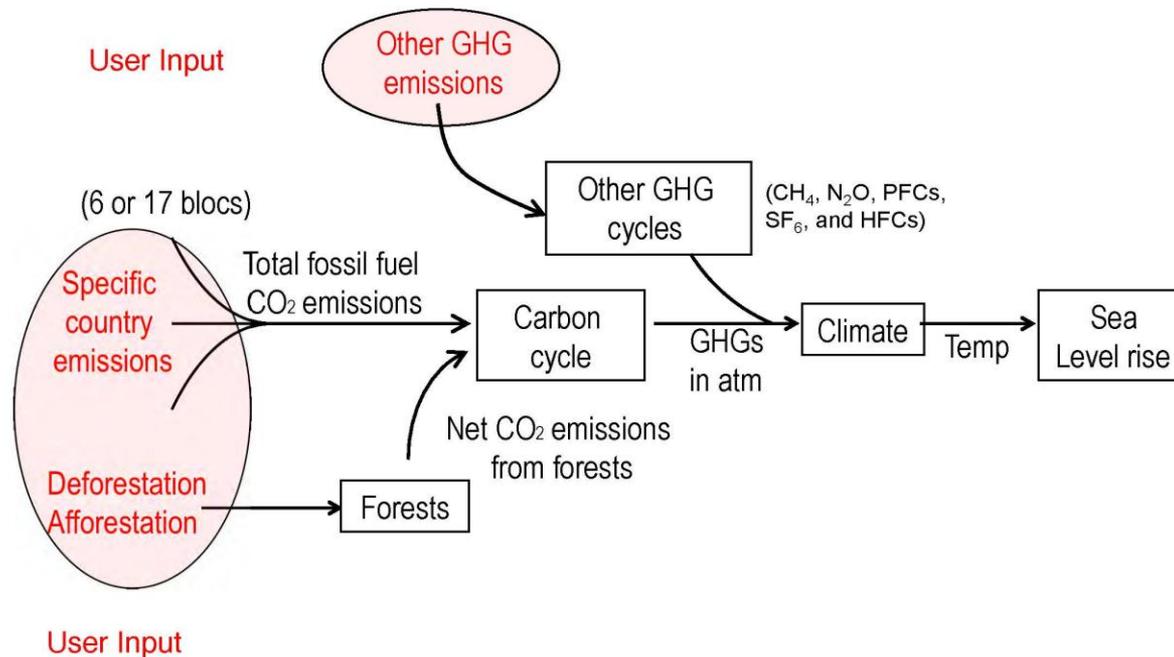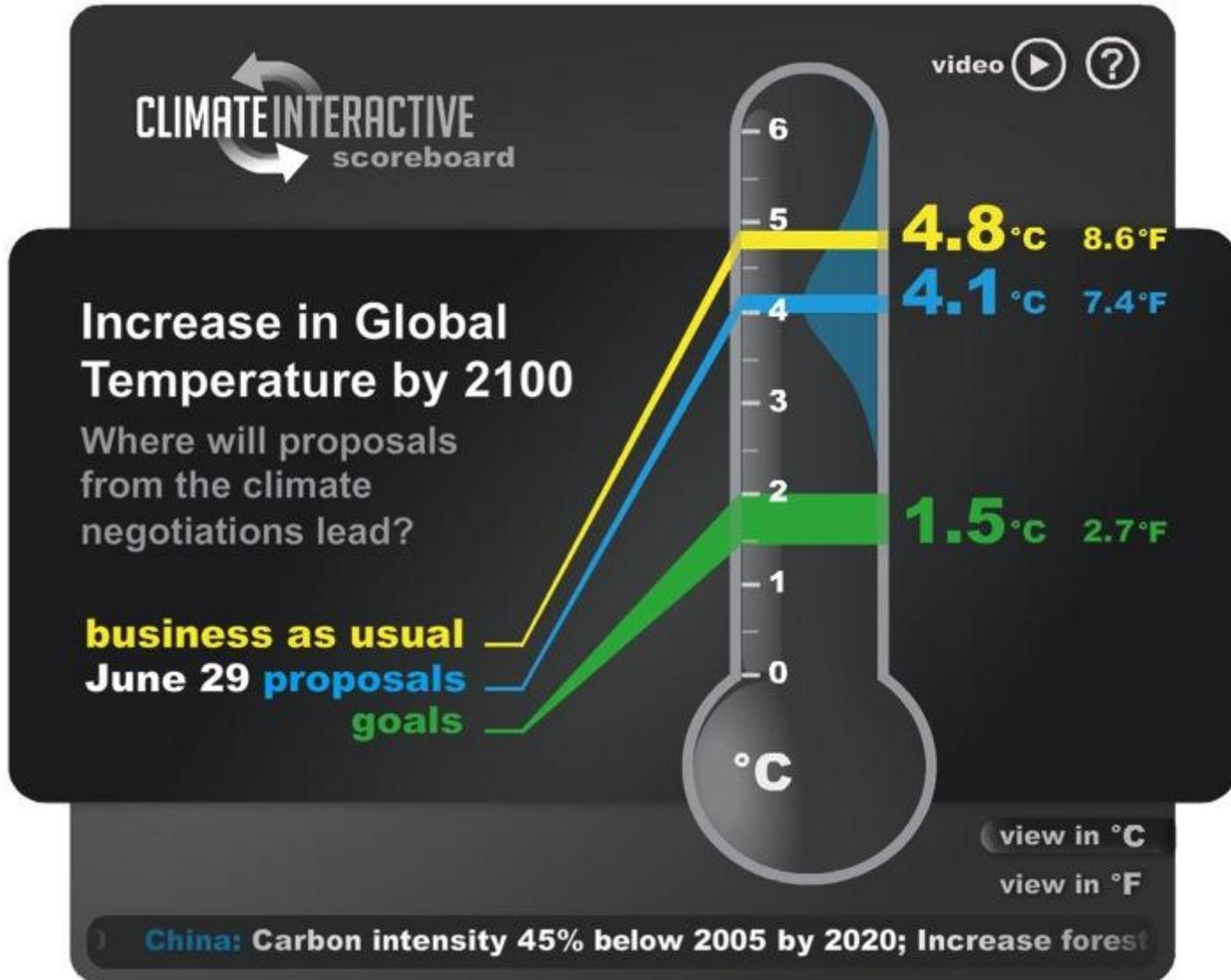
C-ROADS Model Structure

Sustainability Institute

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See: http://ngm.nationalgeographic.com/big-idea/05/carbon-bath

The Climate Scoreboard

Courtesy of Climate Interactive. Used with permission.

CLIMATE GAME

- Wednesday and Friday (2/29 and 3/2)
- You will be the negotiators
  - 3 teams
    - Developed
    - Developing (A)
    - Less-Developed (B)
  - How do we get to 350ppm CO_2 and no more than 2° C?

CLIMATE GAME (2)

- Since 1992, there have been 16 conferences of the parties to the UNFCC (COPs), most recently in Copenhagen and Cancun

- COP 3 in 1997 produced the Kyoto Protocol, calling for rich countries (only!) to make reductions in 2008-12

- The EU and others ratified; the US did not, and President Bush formally rejected the Kyoto Protocol in 2001

- Subsequent COPs have failed to produce a global agreement on emissions; the US has been unable to pass emissions-limiting legislation (more later…)

- Your COP, beginning 2/29, may be the last chance, since there is growing evidence that damages from climate change may be severe & contain nasty surprises…

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