

## Climate Change Summit: What Should Be Done?

### Background:

Climate change is a daunting problem for all members of the global community, but we no longer have time to simply wait and see what will happen. Taking action now will require painful but necessary steps. During this summit, you will be championing two specific strategies to meet climate stabilization by 2055. You will use the Climate Mitigation Initiative strategies, which was developed at Princeton University.

#### Group 1:

1. Solar Electricity
2. CCS Electricity

#### Group 3:

1. Efficiency-Buildings
2. Wind Electricity

#### Group 5:

1. CCS Synfuels
2. Forest Storage

#### Group 7:

1. Biofuels

#### Group 2:

1. Conservation-Transport
2. Nuclear Energy

#### Group 4:

1. Efficiency-Electricity
2. CCS Hydrogen

#### Group 6:

1. Fuel Switching-Electricity
2. Wind Hydrogen

#### Group 8:

1. Soil Storage
2. Efficiency-Transport

### Your task:

- a. **As a group:** Write a statement explaining the reason you think your strategy is the best, and the benefits for each of the strategies. This should be 1-2 pages in length. You must use at least 3 outside sources. Wikipedia does not count as a source. Cite your sources properly.
- b. **As a group:** Write one question for each of the other strategies (such as: If forest storage is used as a strategy, how will you stop people from cutting down the rainforest?). You will submit this list of questions to your teacher after the summit.
- c. **As a group:** Come prepared to the summit with your statement, and be ready to defend your strategies as the preferred method for reducing global climate emissions. All members of the group should be prepared to participate. Regardless of your personal beliefs, you should defend your strategy to the best of your ability with research.
- d. **As an individual:** Submit a plan with the eight strategies that YOU would choose if you were in charge. Write a brief, 2-3 paragraph summary explaining your choices.

### Grading:

Group statement(s): includes 3 outside sources, is well written, relevant	20
Group questions: relevant, respectful questions	10
Group summit participation: everyone participates, arguments well researched	10
Individual plan: summary of eight strategies	10
Individual Extra Credit: Explain a strategy that was NOT listed as one of the 15 strategies in the Carbon Mitigation Initiative. Include sources.	10