

6.3.2

## Mitigation Plan Group Analysis: **ANSWERS**

I. **Directions:** Using the question prompts below, please justify your group's Mitigation Plan decisions.

**1. What are the two biggest strengths (positive impacts) of your Mitigation Plan? Please explain your answer.**

The Mitigation Plan takes a diverse approach by eliminating wedges from many different sectors. That way the impact of mitigation will be spread across citizens and the economy.

The Mitigation Plan will create many jobs. The new technologies will require more workers to get them set up and maintain them.

**2. What are the two biggest drawbacks (negative impacts) of your Mitigation Plan? Please explain your answer.**

The plan is quite expensive. Overall, a majority of the wedges are either \$\$ or \$\$\$\$. It is unclear if these new technologies will create enough jobs to offset the start up costs. And investing in these technologies might send the nation into more debt or increase taxes significantly.

The reliance on nuclear power rests on the fact that the by-products of nuclear power will not be used for creating a nuclear arsenal. Given constant tensions in world relationships, this could be a permanent looming threat.

**3. Look at the most (or one of the most) expensive wedges your group chose. Justify why you would choose this wedge over a cheaper option.**

The Solar Energy wedge is quite expensive (\$\$\$). Yet, it is technology that could provide a continuous supply of electricity without burning coal. The solar panels would require large plots of land in sunny areas, but over time these could be placed on the tops of buildings which is unused space. In the long-run, the start-up cost could be offset by cheaper and cleaner electricity.

Group Names \_\_\_\_\_

II. Choose 1 wedge from your Mitigation Plan and state how you think your group’s mitigation plan will affect A) a high school English Teacher and B) an auto mechanic in the given categories of their lives.

Wedge Choice \_\_\_\_\_ **Transport Conservation** \_\_\_\_\_

	High School English Teacher	Auto Mechanic
Job Tasks or Job Environment	If mass transit becomes more reliable, some teachers might actually save time in their workplace by grading papers on the train. The amount of time at school and extra-curricular activities may be affected, though by train schedules.	Fewer automobiles on the road would mean fewer cars that would need to be fixed. Demand for an auto mechanic would likely drop.
Social/Personal/Political	<ul style="list-style-type: none"> <li>- Taking the train may result in increased time in transit and less time at home. Having to leave at specific times may cause increased stress as a missed train could result in the teacher being late to school.</li> <li>- Cutting transportation may also affect vacation plans.</li> <li>-The teacher may take a greater interest in the local planning of mass transportation and look at a candidate’s vision for cheap, consistent, and convenient mass transportation.</li> </ul>	Socially, the auto mechanic would be affected similarly to other citizens. Any constraints on travel may affect travel, leisure, and social plans. The mechanic may favor politicians that support car manufacturing in order to maintain their business. Or they might support politicians who push for public transportation, but provide tax breaks to those in the auto industry for developing efficient cars.
Economic	Mass transit could save money by eliminating the cost of a car, the insurance, and gas money. Most likely, individuals or families would still own cars, but use them less if public transportation were a viable option. Some money would be saved, but public transportation would need to be affordable. Also, the increase in public transportation would probably raise taxes.	Annual earnings would probably decrease based on less car maintenance needed. Personally, the auto mechanic would face the same issues of other citizens – is the mass transportation affordable and convenient? Does it affect annual taxes?

Group Names \_\_\_\_\_

III. Based on your comparison in the table, do you think the teacher or the auto mechanic is more negatively affected by the wedge you chose? Why?

The auto mechanic is more negatively affected by transportation conservation because it affects him deeply in his job. It basically will make him redefine his livelihood – perhaps forcing him to go back to school to learn how to fix other machines or modes of transportation. Also, on the personal level, he will be affected by the same issues as the high school English teacher.