

# HS2904 Group Project & Presentation

## An analysis of a current issue or a proposal pertaining to Battery Electric Vehicles

### Assignment details

The objective of this assignment is to apply your understanding of BEVs (from this course and other courses) to the world around us by giving a presentation which is an analysis of a current issue or a proposal.

Examples of relevant topics can include:

*motivation and attitude towards EVs and the promotion of EV adoption;  
reduction of production cost of EVs, strategies to compete, and/or competition policies;  
sustainability enhancement in the supply chain of EVs, and/or green accounting/financing;  
new technology for EV propulsion; and  
stakeholders and inclusiveness of the industry.*

The list above is not exhaustive. If you wish to cover other aspects beyond the above, please email both instructors for approval. Note that the definition of BEVs for this assignment presentation is an electrified vehicle (not necessarily a passenger car with four wheels).

To get started, find an article related to Battery Electric Vehicles from *The New York Times*, *The Wall Street Journal*, *The Washington Post*, *Bloomberg News*, *The Economist*, *The Guardian*, *The Times*, *The Straits Times* or a reputable journal such as *Science*, *Nature*, *Nature X* (*X= Chemistry, Materials, Energy, etc*) *Quarterly Journal of Economics* or *Journal of Political Economy*. (Do not choose those articles that we have discussed in the lectures or tutorials.) Use the article as a seed/basis for your presentation. You should motivate the topic (why should we care about this?), then use the theories, frameworks or empirical evidence to describe, reason and justify the outcome or policy implications.

You may substantiate your analysis with research findings from existing literature, or by conducting a mini survey or poll (with 30 or more participants). Do not collect any personal data such as the birth certificate or NRIC number, if a survey or poll is done. Alternatively, if relevant, for example, if you are focusing on technical, institutional or cultural issues, you may choose to substantiate your analysis by doing a cross-country or cross industry comparison.

In addition, to engage the class, *you should prepare one question for the class to discuss*. You may raise the question at any point in your presentation — beginning, middle, or end.

### Administrative details

#### **Groups**

Groups should be formed only within your assigned tutorial section with deadline **Week 6 Monday 11:59 pm**. Each group will comprise between 4- 5 students. You will be told how many groups of 4 or 5 you can have in your tutorial group. *Since this is an IDC, there is a maximum of 3 students with the same primary major in each group*. We will use Discussions in Canvas for forming groups. Use the Txxx presentation group linkup to solicit for members. Use the Txxx presentation group membership thread to sign up when your group is completed. Your group facilitator will reply to confirm your group and assign

you a group number. Your group facilitator will keep your tutorial section updated on the progress of the signups.

To give everyone a fair chance to speak, the total presentation time given for each group is as follows: 3 minutes times the group size plus another 6 minutes for free allocation across group members and class engagement. For example, a group with 5 students will be given a maximum of 21 minutes (i.e.  $3 \times 5 + 6$ ). Groups with 4 students will be given a maximum of 18 minutes. Points will be deducted if you exceed the allotted time. Questions may be posed at the end of the presentation.

### Submission of article

In a word (\*.docx) file write down the link to your seed article, the title of your presentation along with your group members. You are strongly encouraged to include a brief synopsis/outline of your presentation so the lecturers can have a better idea of your intended presentation. **The deadline is 11:59 p.m. on Wednesday (week 8), submit to files under your designated group under People tab of Canvas, with tutorial group number and group number (i.e. T1Gp1\_seed).** The point of this submission is to ensure that the group is on the right track.

### Presentations

You will present during tutorials on Weeks 11/12/13. The order of the group presentation will be determined by drawing lots during tutorials on Week 9.

### Assessment

Presentations will be assessed on the following points:

1. 30% Content, i.e., strength and sophistication of analysis, quality of exposition
2. 25% Evidence and examples cited, with integration of two or more disciplinary perspectives and insights
3. 10% Organization and design
4. 10% Delivery (individual basis)
5. 15% Originality and creativity
6. 15% Q and A and student engagement

### Submission of presentation slides

All groups, please submit your **presentation slides (\*.pptx) by 11:59 p.m. on Monday Week 11 via Canvas assignment: "Presentation Slides for Group Project" Folder under your designated Tutorial Group.** Please name your presentation slides with your tutorial group number and group number (i.e. T1Gp1)

Due to time limitations, on the actual day of your presentation, your group will use your submitted pptx for presentation using the respective tutorial room computer.

### Summary of deadlines

Week	Task and Deadline
Week 6	Form presentation groups by Monday 11:59 pm
Week 8	Submit article for Group presentation due <b>Wednesday</b> 11:59 pm
Week 9	Order of presentation will be assigned during respective tutorial
Week 11	Group Presentation should be uploaded due Monday 11:59 pm