Example 1

**Background/Content**
- Outline the high-level problematic
  - E.g., GHG emissions of light-duty vehicles

**Context and Objectives**
- Outline a low-level problematic
  - E.g., Challenge of reducing GHG emissions in light-duty vehicles, trade-offs of electric vehicles
  - Formulate objective as a question

**Overview of Method**
- Overview of the developed method to answer the objectives
  - E.g., modules of the model framework and their interactions

**Methods - Emphasize:**
- Emphasize some part of the methods. Adjust the emphasize to the audience
  - E.g., the boundary of the environmental assessment (for environmental assessment focused audience)

**Results:**
100% market share of EVs by 2045 needed to achieve GHG emission targets

**Discussion/Conclusions:**
- Provide some element of discussions for high-level and low-level problematics.
  - Outline contributions, limitations and potential further work

**Discussion**
- Caveats:
  - Biofuels, autonomous vehicles, shared mobility, …

- People and technology matter

- Policy implications:
  - Electrification is not a silver-bullet
  - Importance of stringent fuel economy standards
  - Need for vehicle size control and modal changes
Example 2

Storyboarding Template: Optimized versus existing automated external defibrillator locations

**Background/Content**
- Highlight: OHCA chain of survival ideology
- Importance of bystander response and AED use; Out-of-hospital cardiac arrest outcomes

**Literature review**
- Use creative format: Timeline of key studies and policy decision on OHCA response and AED use

**Overview of Goals/Contributions**
- Concise and clear list of contributions of work (No distractions just text)
- Highlight key points: First in silico trial in AED response; optimization can increase AED use

**Contributions**
1. Lorem ipsum dolor sit amet, consectetur
2. Adipiscing elit, sed do eiusmod tempor
3. Incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
4. Exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat
5. Duis aute irure dolor in reprehenderit in voluptate velit esse

**Methods** – Emphasize model formulation:
- Highlight: Model architecture and pipeline using diagram (computational graph)
- Ensure clarity of data sources, inputs, and outcome measures (OHCA coverage and predicted patient outcomes)
- Introduce definition of OHCA coverage.

**Results:**
- Highlight significant improvements of optimization over existing AED placements based on study measure.
- Emphasize using figure: Cumulative results and time series visualisations

**Conclusions:**
- Adipiscing elit, sed do eiusmod tempor
- Duis aute irure dolor in reprehenderit in voluptate velit esse

**Conclusions:**
- Reemphasize key contributions from previous slides.
Example 3

Slide one central message: Commercial cell sorters in practice have certain pros and cons

-examples of current microfluidic strategies to address multiplexing

-limtations in current methods

Slide two central message: Microfluidics circumvents cons of commercial cell sorters with high sensitivity and low detection limits

-introduce DNA logic gate strategy, diagram

-briefly describe microfluidic strategy (have gates to cause magnetic nanoparticle binding, leads to magnetizing cells to sort

Slide 3 central message: The next innovation in microfluidics will be multiplexed detection

-applications of approach (e.g. identify double positive, single negative marker cell types)

-disease types that would benefit from multimarker sorting, and why microfluidics is superior

Slide 4 central message: Current microfluidic methods exist for multiplexing, but have limitations

Slide 5 central message: Our strategy is to use DNA logic gates to design multimarker cell sorting mechanisms

Slide 6 central message: Multimarker microfluidic cell sorting will benefit in specificity and speed of sorting cells for many disease models

Storyboarding Template

-pros and cons

-commercial cell sorters

-microfluidics

-logic gates

-disease types}

-pros

-cons

-multimarker sorting