## Canadian Hyperloop Conference Virtual Showcase Project Description Form

Thank you for your interest in the Canadian Hyperloop Conference Virtual Showcase! We are very excited to see your work.

### How to complete this form?

* This form needs to be completed in English to be eligible for CHC Virtual Showcase.
* Once the form is completed, please email it to [chc@cahyperloop.ca](mailto:chc@cahyperloop.ca) with subject line “Showcase”
* Please do not modify any additional settings of this document.

1. **Team Information:** On page 2, you will fill out team information.
   1. Each team needs information about 1 team captain. We will be using their contact information for communication.
   2. Optionally, teams can provide 1 alternative contact address.
2. **Project Descriptions:** There are 5 categories you can submit descriptions for: propulsion and levitation systems (page 3), mechanical & structures (page 4), electronics (page 5), aeroshells (page 6), other (page 7).
   1. You do not need to submit a project description for each category. We will only take into consideration the categories you submit a project description for. Submitting for multiple categories does not increase your chances of being selected.
   2. Project descriptions should NOT include any information that could be used to identify your team. Examples of information that should NOT be included in project descriptions: school name, team name, team country, names of individuals, etc.
   3. Project descriptions should take no longer than a page long, 12 font Montserrat or Times New Roman, with 1.15 line spacing.
   4. We expect each project description to provide the following information:

* A brief explanation of what your team is presenting
* A list of the technical specifications of your system
* The reason why your system is unique and of interest to student Hyperloop teams
* The current stage of your project (design, manufacturing, assembly, testing, redesign, or complete)
* A clear explanation of which parts of the system were designed, programmed, and manufactured by team members and which were purchased from vendors, use publicly available software libraries, or reference external designs
* An explanation of any unique factors that influenced your system during any of its stages and/or the next big milestones and challenges for the project
  1. In the project description, you can refer to the Appendix to provide images of your design, schematics, layouts, tables of test results, links, and other supplementary material to support your application.

1. **Appendix:** The appendix is where you should include technical proof to the details you provide in the project description.
   1. The appendix can take a maximum of 20 pages.
   2. It is highly encouraged that you have an appendix and you refer to the appendix in the project description.

More information can be found on our website, [cahyperloop.ca/showcase](http://cahyperloop.ca/showcase) You can always email us at [chc@cahyperloop.ca](mailto:chc@cahyperloop.ca) for more information.

### Team Information

Hyperloop Design Team Name:

Affiliated University Name:

Team Captain Name:

Team Captain Email Address:

Team Email Address (optional):

### Propulsion and Levitation Systems Project Description:

Please complete this page if you intend to make a presentation about the propulsion and levitation systems category.

### Mechanical & Structures Project Description:

Please complete this page if you intend to make a presentation about the mechanical & structural category.

### Electronics Project Description:

Please complete this page if you intend to make a presentation about the electronics category.

### Aeroshells Project Description:

Please complete this page if you intend to make a presentation about the aeroshells category.

### Other Project Description:

Please complete this page if you intend to make a presentation about the aeroshells category.

### Appendix