SD Guidelines
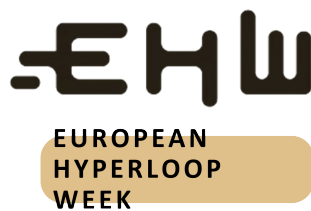
Edition 2025

European Hyperloop Week

Tech Committee

June 9, 2025

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Foreword

Dear Participants,

This document intends to give teams a better understanding of the expected deliverable of the Showcasing Document (SD). It is a guide for teams to follow when writing the document so that all required information is present. It is therefore strongly advised to follow the structure presented in this document.

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The EHW Technical Team

</div>

Foreword

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Contents

June 9, 2025, the EHW Committee

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1 Cover Page

Teams are required to include a cover page at the beginning of their submission. The cover page must contain the following information:

- Title "SD - Showcasing Document"

- Team Logo

- Team Name

- Institution/Organization/University

- Submission Date

Ensure that the cover page is clear and professionally formatted. You are encouraged to design the cover page creatively, so it aligns with your team's theme.

2 General

This section provides essential information about the team and the materials they will be showcasing.

2.1 Team Information

Please include detailed information about your team, covering the following points:

- Primary point of contact along with their email address.

- A brief description of the applicant organization or institution.

- An updated list of team members, advisors, and industry partners involved in the project.

2.2 Showcasing Information

Provide relevant details regarding the showcased material, including:

- Description of the development environment and the research objectives associated with the showcased work.

- Identification of the award application(s) related to the showcased material.

3 Showcase Logistics and Setup Details

To ensure a smooth and coordinated exhibition at EHW 2025, participants must provide detailed logistical and technical information regarding their showcase setup. This includes physical specifications of the system, setup requirements, and additional display elements. The following aspects must be clearly addressed:

3.1 Visual Documentation of the Showcase

In this chapter describe your showcase stand. Attach high-quality images, CAD renders, or technical drawings that represent the complete showcase layout. This visual documentation must:

- Describe your ideas of your stand and the story your design should tell the world about the hyperloop concept

- Show all components that will be brought to EHW 2025

- Indicate relative positions, supporting structures, and any moving or interactive parts

- Help the organizers understand space and safety needs

3.2 Showcase Setup Plan and Equipment Requirements

Include a detailed plan outlining how the system will be displayed during the event. The plan should specify:

- Required infrastructure or equipment expected to be provided by EHW organizers (e.g., tables, power sockets, internet access)

- Materials and equipment that will be brought by the team

- Special installation requirements (e.g., weight support, safety measures)

- Time estimate for full setup and teardown

3.3 System Dimensions, Mass, and Components (if applicable)

This chapter only needs to be included in the SD if they are relevant to your showcase status. In other words, if you have a system (e.g. parts of a pod).
Provide a comprehensive description of the system to be showcased, including:

- Overall dimensions (length, width, height) in metric units

- Total system mass

- List of major components or subsystems that will be presented

- Any modular or disassembled elements and how they will be transported or assembled on-site

- Calculations and simulations, renderings are of course optional and help with the evaluation. However, they should only be included in the SD if they are available.

3.4   Use of Low-Power Display Devices (if applicable)

Specify any low-power electronic devices or appliances to be used for visual or informational purposes, such as:

- LED strips, indicator lights, small screens or monitors

- Raspberry Pi or similar microcontrollers used for animations or data visualization

- Audio-visual enhancements that contribute to the educational or explanatory aspect of the display

If any special adapters, batteries, or converters are needed, clearly state whether these will be provided by the team or requested from the event organizers.

3.5   Any additional comments can be written in this chapter

4 Style

- The document shall be delivered in A4 vertical format.

- Pt11-12 font size must be used for plain text.

- Artistic freedom is given on the document layout, but we recommend to use standard fonts and Latex for document layout.

5 Contact details

As for any other questions regarding the EHW, if you have any questions regarding the SD submissions, please send an email to technical@hyperloopweek.com with 'SD Submission Question' as the subject.

The link to hand-in the document is this form.