

1 Cost and Manufacturing Event FSPT 2025

The following is with relation to the Cost and Manufacturing Event as located in the FS Rules Book under section S3.2.5. The Real Case mentioned below has to be presented via a seven minutes presentation during your time slot at the Cost and Manufacturing Event.

1.1 Real Case Topic

Each Formula Student is using a lot of fiber composites to manufacture a mono-coque, aerodynamic devices or many other parts. As there is a shortage of supply on the world market, there are supply bottlenecks. Your team only has 65 percent of the amount of glass fiber and carbon fiber used in the last car, or maximum 45 square meter, at its disposal for this year consider the lower value. How will you react when designing and manufacturing the next Formula Student vehicle?

1.2 Important points:

- Provide transparency in the creation of your presentation,
- The Judges want to see how you arrived at the results and which source you used,
- Prove this year's consumption of glass and carbon fibers for the production of the current vehicle, as this serves as the basis for the above-mentioned reduction,
- Focus on the change in design, material selection, manufacturing process, impact on costs and achievable points in the dynamic disciplines,
- Present your results to the judges and be sure to take a systematic and realistic approach to your solution.

1.3 Real case presentation requirements:

- Max. 7 min in length,
- 3 min questions to your presentation after that from the Judges,
- One A4 page handout for the Judges (print and as PDF),
- The same handout must be uploaded to the same Drive folder as the other CRD as PDF before the deadline: 25-07-2025-13:00 CEST

We look forward to your presentation!