

FORMULA STUDENT NETHERLANDS

FSN2025 - Cost & Manufacturing Event - Real Case Scenario

Dear Company Representative,

Your company has signed a contract with a customer to deliver 500 steering systems for Formula Student racecars.

In the previous days, the supplier(s) of the materials required for manufacturing of the steering subsystem has announced a 30% price increase due to import tariffs.

Management has requested a presentation outlining how your team will absorb this price increase by rebalancing internal factors within your manufacturing processes to offset the increased material costs without raising the final price to the customer.

Specifically, compare the as-is situation with the to-be status for at least the following areas using CCBOM figures from your Steering subsystem as reference:

- Production (processes, planning, etc)
- Quality
- Project Timing
- Costs (Including internal cost rebalancing)

Please prepare a 10-minute presentation in any format you prefer, digital or analog. Your presentation should demonstrate both your thought process (including trade-offs, sacrifices, challenges, etc.) and the final results.