

FORMULA STUDENT NETHERLANDS

FSN2023 - Cost & Manufacturing Event – Real Case Scenario

Dear Teams,

The labour market last year has been incredibly short of staff (both skilled and unskilled) which could potentially impact the delivery schedule of your Steering System for higher production volumes (3000 cars per year).

We request you to prepare an overview of the current situation based on your CBOM for the production and manual labour content of your Steering System and come up with improvement ideas to reduce manual labour by 40% for both skilled and unskilled workers.

We want you to show the impact of these ideas in at least (but not limited to) the following areas:

- Cost (investment and/or price per piece impact)
- Production (process, planning, cycle time)
- Quality
- Project Timing

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

Best regards

FSN C&M Judging Team