



Cost Event Real case scenario for 2018

Formula SAE Italy, Formula Electric Italy

The real case scenario for this event will consist in presenting the Cost Judges with your proposals to reduce the cost of the following areas on your car by 20%:

- Engine and Drivetrain
- Steering system
- Suspensions and shocks

Three different real cases will have to be prepared, however only one of them shall be presented, at the Judges' choice.

Presentations must meet the following requirements:

- No longer than 5 minutes
- Use of posters or flip chart pages
- No handouts, nor use of electronic devices.

The presentation must include: ▫ Summary (max 1 page) Conclusions about if the target has been theoretical achieved and how ▫ Cost Reduction Actions (max 1 page) It should be clearly stated the starting cost of the components involved, the cost reduction actions with related cost impact and the results. ▫ Impact of the cost reduction action on the car (e.g.



performance, safety rules, etc). It should be indicated how it is possible to overcome negative impact (if any) of the identified cost reduction action on the car performance, safety, etc.

Your presentation will be evaluated on:

- The process or methodology(ies) used to develop the proposal(s)
- The alternatives presented
- The credibility of the proposals

Formula SAE Italy & Formula Electric Italy Rules Committee