

## **Tognum “Most Innovative Powertrain” Award: Technical Specifications**

### **What will be judged?**

The power train is defined by the following system parts:

- engine (complete with mounting)
- inlet system complete
- exhaust system complete
- gear box with final drive (e. g. chain)
- differential and drive shafts
- cooling system
- super charging (if existing)
- electronic system/controlling
- injection system
- ignition system

**Please describe your power train on one page, answering the following questions:**

- Why do you use this particular engine?
- What is your philosophy for the engine mapping?  
How did you configure the engine map and why do you use it the way it is?
- What is your most innovative power train solution? Please explain and give reasons why you chose this particular solution.
  - What were your objects for this solution?
  - What was your route to realize this solution?
- Why do you think YOU should win this award?

Please submit your applications by **July 25<sup>th</sup>, 2011, 12:00 CET** at latest on the page “Team Deadlines” (> MyTeam > Events > Deadlines). Your documents should not exceed 40 MB.

### **Presentation**

Among all participating teams, five will be nominated to stand up for their solution on Thursday, August 4<sup>th</sup>, in the FSG Forum.

If you are among them, your team will get a maximum of 20 minutes to persuade the judges of the advantages of your particular powertrain design. You may either present your solution by means of a laptop presentation (a beamer will be provided) or using your actual car and/or powertrain component. But please keep your efforts in terms of presentation technology as low as possible – get us thrilled about your idea!

After the presentation a discussion of max. 20 minutes will finalize the session.

**We are looking forward to receiving your application and wish you all a safe journey to Hockenheim - and of course good luck in the competition!**

Yours,

Michael Arndt  
Tognum AG