

# Bosch Future Mobility Challenge Announcement



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Dear Students,

**Bosch Engineering Center Cluj** has launched **Bosch Future Mobility Challenge**, an event targeted to engage you in a technical oriented competition and to offer you a professional context in order to prove your talent.

The competition offers you the opportunity to prove your abilities and to **overcome challenges in a team**. It is of great interest to us to support this commitment and to promote you, upcoming engineers. We are convinced that young talent, fresh ideas and extraordinary commitment are enormously important for the future of mobility.

We would like to invite you to participate at the **Bosch Future Mobility Challenge** by getting organized in **teams made of 3 to 5 students**, in order to realize the best performing model vehicle guidance system for different scenarios, which have been derived from requirements arising from a realistic environment.

Bosch Engineering Center Cluj is going to provide you the model vehicle platforms and **you will be responsible for the conceptualization and implementation of automated 1:10 scale model vehicles from November 2017 until the end of May 2018**. The competition, where you will have to present your know-how in front of judges from the industry and academic field while competing with other teams by making your model to do several driving tasks as fast and precise as possible is going to take place in **May-June 2018**, in Cluj-Napoca.

At the end, it is not necessary that the fastest model vehicle wins. The team with the best overall package of design and driving performance, project planning, and overall arguments goes home with the trophy.

Each participant team will be provided with coaching from highly qualified and experienced Bosch employees, in order to realize the best performance possible.

If you feel ready for the challenge, follow the registration steps below.

## Registration Steps

Registration requests have to be submitted to the following email address: "[ideabox@bosch.com](mailto:ideabox@bosch.com)" until the 3<sup>rd</sup> of November.

**Each applicant team has to send one email with the following content:**

- Complete registration form (mandatory)
- CVs of each team member (mandatory)
- Letter of intent (optional)
- Relevant awards received in other contest (optional)
- Recommendation letters from University professors (optional)

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After receiving all registration requests the most promising teams will be selected and invited to a face-to-face interview.

The best 10 teams will be selected for receiving the model vehicle platforms.

**Selection criteria will be, but not limited to:**

- Motivation and intention of each team
- Link between the contest topic and ongoing University projects (ex. diploma projects)
- Proven interest and experience in similar contests
- Recommendation from University professors

The registration will be revoked in case of submitting false information.

Please use the email address "[ideabox@bosch.com](mailto:ideabox@bosch.com)" for addressing questions regarding the competition.

## **About Bosch Engineering Center Cluj**

The Bosch Group has been present in Romania for more than 20 years and employs over 4,800 associates in four locations: Cluj-Napoca, Timișoara, Bucharest and Blaj. In Cluj, Bosch opened in 2013 a Research & Development center (Engineering Center Cluj) as well as a Production Unit (Jucu, Cluj) for automotive technology. Bosch produces here for global automotive customers electronic control units for driver assistance and energy management systems.

Engineering Center Cluj works on the topics of the future and on cutting edge technologies. In close cooperation with the international Bosch engineering network and the local plant in Jucu, the young team in Cluj develops products with high competencies in software, hardware, mechanic and reliability engineering. Autonomous driving technologies, Internet of Things, Connected Industry (Industry 4.0) and Electric Vehicles are only a few examples of Bosch's engineering portfolio in Cluj-Napoca.