

STRATEGY

INNOPTUS SOLAR TEAM



THE PROJECT

Join the team building Belgium's 12th solar car! Are you looking for an experience of a lifetime? A project where you don't just sit in lectures, but build something from the ground up and see it come to life?

As part of the Innoptus Solar Team, you work with a group of ambitious and motivated students to build our best solar car yet and compete at the Bridgestone World Solar Challenge 2027 in Australia; the world championship for solar cars. You go through the entire process: designing, producing, testing and racing. Together with numerous companies, you develop new innovations to build the most efficient solar car possible. In the end, you and your team line up against universities from all over the world and race for the world title.

This project will push you technically and personally – and help you grow faster than you could even imagine!

Interested? Apply on our website: <https://www.solarteam.be/en/recruitment>

THE FUNCTION

You will be responsible for the preparation and execution of the race strategy during the Bridgestone World Solar Challenge 2027. From the start of the process you will focus on the race and how to prepare the team for it. You will do this by supporting the other team members in providing data, making design choices, pushing everyone to the limit on a technical level and by organizing race simulations. You are responsible for designing, maintaining and testing software to support the strategy during the race. This software will calculate the optimal strategy throughout the race and monitor real-time data from the car. Furthermore, you will refine the models used for the car and experimentally define the parameters of the car on test tracks and in the wind tunnel. During the race it is up to you to determine the speed of the solar car based on weather forecasts, live satellite images, weather sensors, the consumption of the car, the route, etc. and above all your common sense!

YOUR PROFILE

- An extroverted, enterprising attitude
- A motivated team player with strong communication skills
- Broad analytical thinking
- A creative, out-of-the-box mindset
- High degree of independence and professionalism
- Bachelor's/Master's degree
- Experience with programming
- Ready to put a lot of time and effort into this project!

OUR OFFER

- A project full of experiences you don't get in your normal studies
- Experiencing a real engineering project from start to end
- Being in contact and cooperating with the largest companies in the industry
- A group of friends and an international racing adventure to remember
- The experience of a lifetime and so much more!