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PRODUCTION

AGORIA SOLAR TEAM

THE PROJECT

The goal of the project is to build the tenth Belgian solar car. With this car, you will participate in the world championship for solar cars in Australia, the Bridgestone World Solar Challenge 2023. You will go through the whole process of designing, producing, testing and racing, together with a group of ambitious and motivated students. With numerous companies, you will develop new innovations to build the most efficient solar car. In the end, you and your team will compete against universities from all over the world to compete for the first place. This project will help you become a state-of-the-art engineer!

THE FUNCTION

As a production engineer, you are part of the composites group. The composites group ensures that the aerodynamic shape of the car acquires a strong and rigid structure. Together with aerodynamics and mechanical systems, the mechanical design of the solar car is shaped in a period of continuous iterations. While aerodynamics largely determine the outer shape of the car, composites and mechanical systems determine how the car will look internally. As production engineer you are responsible for the production of the solar car. The design of molds is crucial in this role. There is a lot involved in a production process and it is therefore vital that all production supplies are available on time. By working out a number of practical research projects, you prepare the rest of the team for the production period. During this intensive period you will manage and motivate the production team to meet the production deadline. During the test period, the structure will then be practically tested for the various dynamic loads!

YOUR PROFILE

- Practical attitude and solution-oriented mentality
- A motivated team player with strong communication skills
- A creative, out-of-the-box mindset with an eye for detail
- Motivated technical drafter with broad analytical thinking ability
- Bachelor's or master's degree in engineering technology or (bio-)engineering sciences
- Ready to put a lot of time and effort into this project!

OUR OFFER

- Taking the lead while building the solar car
- A project full of experiences you don't get in your normal studies
- Experiencing a real engineering project and its different phases
- 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!

Interested? Send your **CV** and **motivation letter** to **recruitment@solarteam.be!**