



# innoptus **SOLAR TEAM PRODUCTION ENGINEER**

INNOPTUS SOLAR TEAM

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## **THE PROJECT**

The goal of the project is to build the eleventh Belgian solar car. With this car, you will participate in the world championship for solar cars in Australia, the Bridgestone World Solar Challenge 2025. 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 Composite Engineers ensure that the aerodynamic shape of the car gets a strong and rigid structure. Together with Aerodynamics and Mechanical Systems the mechanical design of the solar car is determined in a period of continuous iterations. Where Aerodynamics determine the exterior shape of the car, Composites and Mechanical Systems determine how the car looks like internally. As Production Engineer you are responsible for the production of the solar car. The design of moulds is a crucial part of your work. Selection of materials and associated tests are also part of your tasks. There is a lot involved in the production of a solar car and it is therefore vital that all production supplies are available on time. During the intensive production period you will manage and motivate the production team to meet the deadline. During the test period, the structure will then be practically tested against 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
- High degree of independence and professionalism
- 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**

- A project full of experiences you don't get in your normal studies
- Taking charge during the production of the solar car
- 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](mailto:recruitment@solarteam.be)!