Solar powered travel is something that has been booming for the last few years. It can clearly be seen that current developments such as global warming have a very negative impact on the environment. Many recent studies and projects have been finding and experimenting with different environmentally friendly solutions to combat this rising trend. One of these solutions is the use of solar energy. The HZ also contributes to this research with their solar boat. This boat is being developed by a team of students from different areas, and is used to compete in yearly solar boat races. There the teams have to face off against other students with different boats.

This project has been running since 2015 and multiple changes have been made to the boat. In the current rendition of the boat, the hull and structure are made of fiberglass. Because this material is not eco-friendly, the next generation will be made out of mostly biobased materials. Together with this change, the main contents of the boat will get an overhaul too. The main drivetrain components will be revamped by two groups of 4th year students.