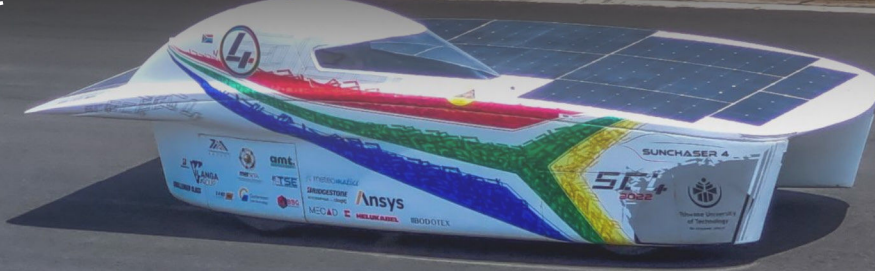




TSWANE UNIVERSITY OF TECHNOLOGY

CONQUERING ACADEMIC CHALLENGES



ABOUT

Tshwane University of Technology's Faculty of Engineering is a research hub focused on sustainable development.

Its SunChaser solar car project designs solar-powered vehicles for competitions, showcasing their achievements and inspiring young engineers.

SunChaser 3 ranked fourth globally and first nationally in the 2018 Sasol Solar Car Challenge, driving them to enhance the SunChaser 4 design.

CHALLENGE

The TUT solar car project has grown, requiring industry-level data management - something that is uncommon in South African academic settings

To monitor progress effectively, many students and lecturers must be connected.

SOLUTION

Implementing **3DEXPERIENCE SOLIDWORKS**.

RESULTS

- TUT quickly established a data management system.
- Project management tools now keep the TUT team updated on project status and tasks effortlessly.
- TUT's unified cloud-based system enables seamless collaboration with Secondary School Partners, making onboarding students to the Solar Car project quicker and easier.

“ We have only scratched the surface of what we can achieve with 3DEXPERIENCE. ”



Johannes De Vries
Team Manager

