



North-West University Solar Team

Naledi 2.0

The North West University Solar Team competed in the Bridgestone World Solar Challenge in 2015 and 2017.

They have been competing in the South Africa's very own Sasol Solar Challenge since 2012. In 2016, they set a record with the furthest distance in a day racking up 611.9 km and 3, 524 km for the entire eight-day challenge.

The 15-member team of staff and senior students has three drivers. The team's skills include chemical, industrial, mechanical, and electrical engineering.

The NWU Solar Team will be competing in the 2022 Ilanga Cup with Naledi 2.0, their solar car which was built using materials from Naledi I, which competed in the 2017 Bridgestone World Solar Challenge, and Phoenix, which competed in the 2018 Sasol Solar Challenge.

The two previous cars showed potential in the past challenges but were hampered with small reliability problems, therefore testing of Naledi 2.0 will be paramount to identify reliability issues and rectify them. It will also help the team to compete successfully with other teams and harness the full potential of this unique solar car configuration.

The support of the university and faculty of engineering makes the team a strong contender in solar challenges.