

# Team Profile: UniSolar Illuminating the Solar Challenge Horizon

#### Meet UniSolar Team:

The UniSolar Team proudly represents the University of South Africa (UNISA). Comprised of dedicated individuals with a shared passion for sustainable technology, this dynamic team was formed in 2021. Their mission: to conceive, craft, and compete with their groundbreaking solar-powered 2-seater vehicle, aptly named Tiger.

## Trailblazing in the Cruiser Class:

In the world of solar car competitions, UniSolar stands out as pioneers. In the 2022 Sasol Solar Challenge, they made their mark as the sole Cruiser-class vehicle, boldly embracing a class known for pushing the boundaries of sustainable transportation. This marked their initiation into the realm of solar car competitions.

## **Introducing Tiger:**

Tiger, their innovative solar car, is a testament to UniSolar Solar Car Team's unwavering dedication to cutting-edge technology and sustainable energy solutions. As they prepare to make their debut appearance at the Ilanga Cup, Tiger symbolizes their commitment to redefining the future of solar car competitions.

#### Their Unique Journey:

- **1. Debuting at the Ilanga Cup 2023:** The Ilanga Cup will witness UniSolar's inaugural participation. Held at the renowned Red Star Raceway, this prestigious 12-hour endurance challenge for solar cars marks their exciting entry into this prestigious event. Their presence is highly anticipated as they bring a fresh Cruiser-class perspective to the competition.
- **2. Cruiser Class Pioneers in the 2022 Sasol Solar Challenge:** Their participation in the 2022 Sasol Solar Challenge as the lone Cruiser-class contender underscored their pioneering spirit and unwavering commitment to advancing sustainable innovation in solar car competitions.

#### Champions of Sustainable Education:

Beyond the racetrack, the UniSolar Solar Team actively recruits new team members annually, resulting in a fresh intake of innovative minds every year with the aim at refining and improving their solar car project. Their commitment to sustainability extends far beyond the confines of the competition.

#### **Future Ambitions:**

With Tiger as their beacon, the UniSolar Team's journey is filled with promise and ambition. Their aim is not only to excel in performance but also to reshape perceptions about sustainable transportation in the realm of solar car challenges.

Join us at the Red Star Raceway for the Ilanga Cup and witness the debut of UniSolar, as they embark on their journey with enthusiasm, precision, and an unwavering commitment to a greener and more sustainable future.