



**ace**  
SOLAR + RACING

# OUR TEAM

aCentauri Solar Racing is a non-profit student organization that brings together over 60 students from the ETH Zürich, Fachhochschule Nordwestschweiz (FHNW), University of Zurich (UZH), and Zürcher Hochschule der Angewandte Wissenschaften (ZHAW). Our core is a skilled, motivated and dedicated team of young engineers, whose expertise is amplified by the rich legacy of the aCentauri alumni and our industry partners.

We are united by a common vision: making the world a better place through innovative problem solving and emerging technologies.



# OUR CHALLENGE

The Bridgestone World Solar Challenge (BWSC) is the most prestigious global showcase of solar vehicle innovation. Every two years, the contest attracts more than 35 teams from across the world who compete to cross the Australian Outback.

The challenge? Covering over 3000 km from Darwin to Adelaide, our team not only strives for speed and efficiency, but also navigates the complexities of long-distance-travel — logistics, managing remote campsites and orchestrating race strategy from a moving command station. It is a test of endurance, innovation, and teamwork, all under the fierce Australian sun.



# OUR VALUES



*UN Sustainable  
Development Goals*

## TEAM SPIRIT

Driven by motivation and shared goals, **together** we push the boundaries of what's possible, while fostering a supportive and inclusive work culture.

## INNOVATION

We're dedicated to building the future of mobility, **pushing the limits of current technology** in collaboration with industry partners and academia.

## EDUCATION

Our mission is to **inspire** students and industry leaders alike, cultivating an environment of continuous learning and knowledge-building.

## SUSTAINABILITY

We're committed to aligning with the UN Sustainable Development Goals: advancing technologies **benefiting people and the planet**, making the world a better place through innovative problem solving.

# OUR PROCESS

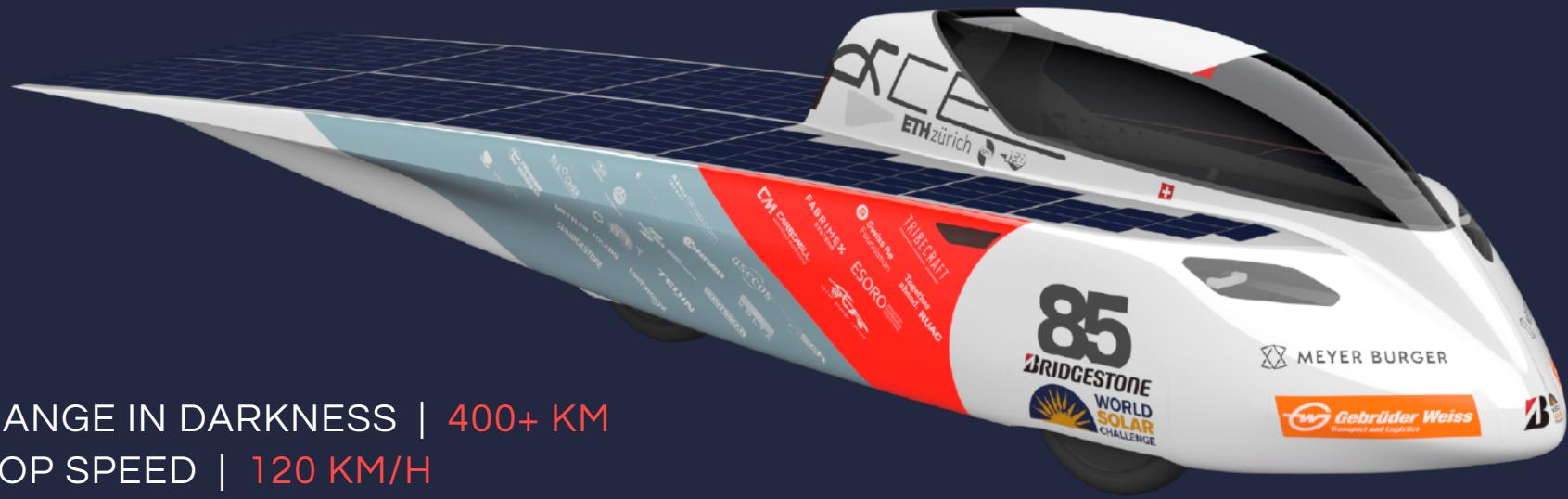


As a student project, one of our main goals is to **provide a place for young engineers to learn** important engineering skills. Through concept finding and design, CAD modeling, dimensioning parts, creating technical drawings and determining tolerances, finding industry partners, manufacturing, and finally real world testing during the race, team members are able to **gain valuable experience** with the entire process of product development.

From the carbon fiber chassis and aeroshell to the solar deck and battery, **every part of our car was either designed and built by us or to our specifications** by industry partners.

# OUR FIRST SOLAR CAR

## ALETSCH



RANGE IN DARKNESS | 400+ KM

TOP SPEED | 120 KM/H

WEIGHT | 188 KG

SOLAR CELL AREA | 4M<sup>2</sup>

TIME TO COMPLETION | 1 YEAR

# — OUR NEXT GENERATION —

6 M<sup>2</sup> SOLAR CELL AREA

140 KM/H TOP SPEED

SELF-DEVELOPED MOTOR

COMING JUNE 2025



# OUR PRESENCE

Over the past three years, we have proudly built up our presence both within the academic community and among the general public, forming connections with **over 100 industry partners** and 4 educational institutions.

Our car, with its unique shape and sleek curves is an eye-catcher at the various **trade fairs, company events, and educational outreach** events that we regularly attend. These events not only allow us to share our vision and create interest in innovative, sustainable technologies, but also provide brand exposure for our partners, reinforcing their commitment to supporting the next generation of engineers.



# WHAT WE OFFER

aCentauri is more than just a world-class student team. Besides bridging the gap between the ETH Zurich and industry, students and companies, research and product development, our car has **unmatched recognition value in Switzerland**, and acts as a platform for:



**Talent development and promotion** of young engineers



**Research** into advanced, sustainable technologies



Increasing our partners' **marketing effectiveness** and their ROI thanks to our unique reach among the public, students, and academia



**Connecting with young people** through our social media presence and outreach events



Driving **positive change** within society

# SPONSORING

The generous support of **partners like you** allows aCentauri to turn our vision into a reality. Every form of support — be it your expertise, resources, in-kind contributions, or financial investment — plays a pivotal role in **making our journey possible**.

Tailored sponsorship opportunities are available to align with your strategic goals, and we embrace the possibility to explore special collaborations. Our sponsorship and media team is available to discuss how we can forge a mutually rewarding partnership. **Contact us!**

Each sponsoring tier **includes all benefits** of the lower tiers.

## FAVOURER | <1K CHF

- Your logo on our website

## BRONZE | FROM 1K CHF

- Your company name on our car

## SILVER | FROM 3K CHF

- Small logo on our car
- Social media interaction

## GOLD | FROM 12K CHF

- Standard-size logo on our car
- Talent acquisition opportunities
- Social media post for your company
- Our solar car at your event

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## PREMIER | FROM 40K CHF

- Large logo on our car
- Your logo on our official team wear
- Single professional production of a marketing visual
- Raw & curated content of the race in Australia for your marketing use
- Invitation to our workshop & testing sessions

## MAIN | FROM 75K CHF

- Huge, full color logo on our car
- Possible custom team wear
- Professional production of a visual marketing campaign
- Sponsor of the Day during the race
- Custom benefits