

World solar challenge australia

The Bridgestone World Solar Challenge has announced a new set of dates for the 2025 edition of its unique 3,000 km solar car race across the Australian continent, along with some regulation changes.

The biennial solar car race from Darwin to Adelaide will take place at the end of the Australian winter, from Aug. 24 to Aug. 31, 2025, rather than the traditional mid-October timeslot. "It means the sun will be lower in the sky, rising later, and setting earlier," said Bridgestone World Solar Challenge ambassador and faculty member, Chris Selwood, in a press release.

"With daily solar irradiation 20% lower than in October, the teams will need an even greater focus on energy efficiency, because the world's energy needs don't stop when the sun isn't shining." The seasonal change is just one constraint set to challenge the participants in the next edition of the race. New regulations for both the single-seater Challenger Class and the two-seater Cruiser Class, are coming soon.

Changes for the Challenger Class include increased capacity to collect energy, but a reduction in the amount of allowed storage capacity. Specifically, it will be allowed a maximum on-board stored energy of 11 MJ, and an allowable solar cell area is 4m² to 6m².

The teams will have to practice "strategic" energy management, which "aligns with the kinds of challenges facing everyday providers who juggle supply and demand gaps between power availability versus power use," according to the organizers.

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Those Countries traversed by our event are those of the Luritja, Pitjantjatjara, Antakarinja, Arabunna, Kakatha, Barngala, Nukunu, Ngadjuri, Narrungga, Kurna, Wubalawun, Larrakia, Waraj, Kungarakany, Wagiman, Jawoyn, Yangman, Mudburra, Jingil, Warlmanpa, Warrumungu, Kaytej, Anmatyerre and Arrente peoples.

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