



UNIVERSITY OF STRATHCLYDE MOTORSPORT

FSUK 2023 NEWSLETTER



OVERVIEW

Over the past 12 months, the team have been working extremely hard on our 2nd generation electric race car, USM23. Recently, we made the long journey to Silverstone, to compete in the 25th anniversary of the prestigious Formula Student competition.



It is with great pleasure, that we can share our greatest ever result in the team's 24-year history, a 4th place overall finish! This result also means that we were the 2nd place EV (Electric Vehicle) team.

The weekend began in Scrutineering, where the electrical judges deemed the low voltage and accumulator systems safe to use. This in itself is a massive achievement for a 2nd year EV team.

After some minor adjustments to the car, the mechanical judges were also satisfied. The car was then put through the tilt, and brake tests, which it passed with flying colours.

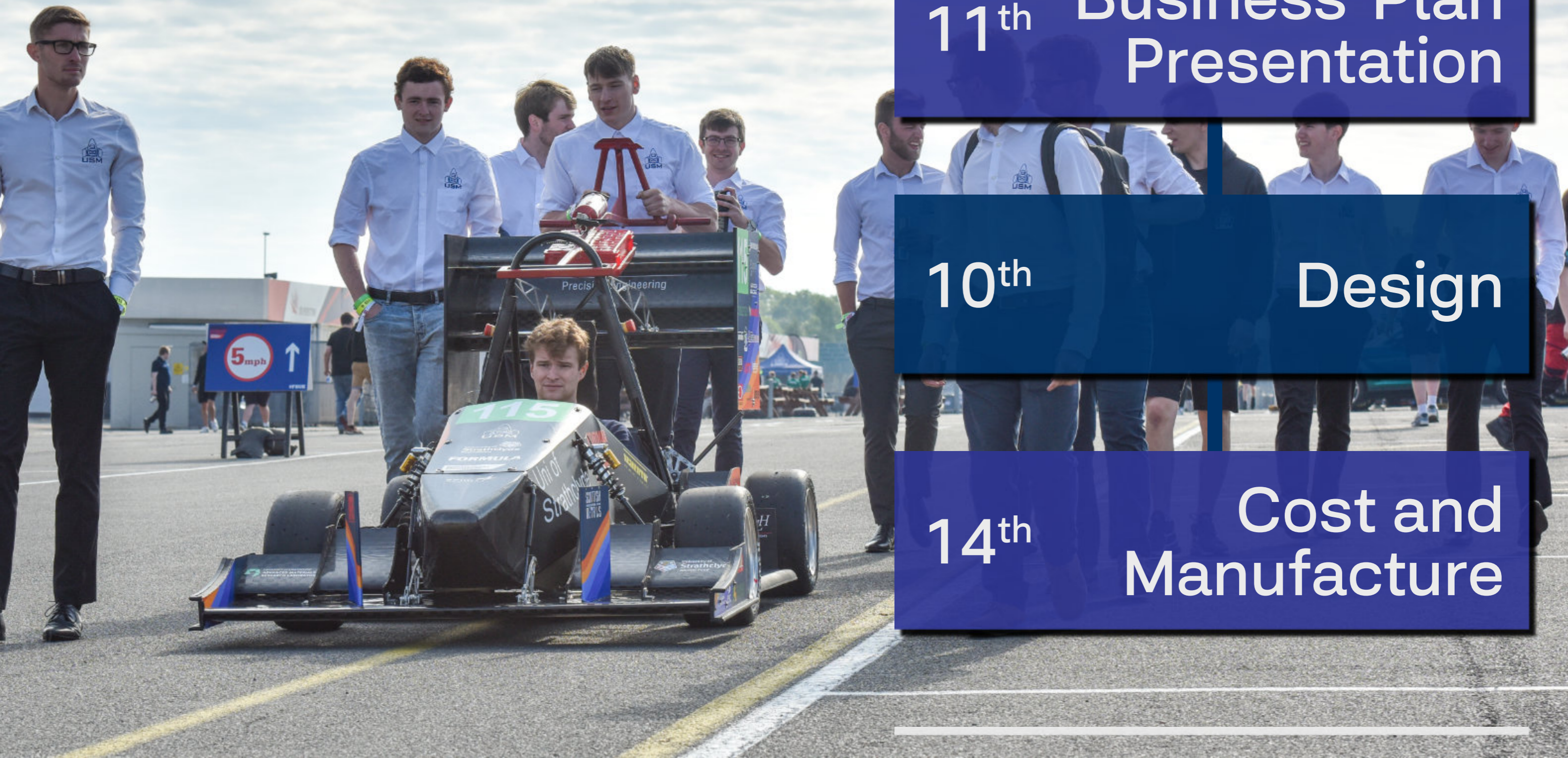
STATIC EVENTS

In the static events, we managed to achieve very respectable results in every category. We are currently in the process of gathering feedback, so that we can improve our performance for Formula Student Germany.

11th Business Plan
Presentation

10th Design

14th Cost and
Manufacture



SATURDAY DYNAMIC EVENTS

In the dynamic events, we began our weekend with the Skidpad, which tests our car's cornering ability. We achieved an amazing 4th place!



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We then moved on to the Acceleration event, in which we were hampered by the worsening rain and throttle issues. Despite this, we wrestled a 13th place finish. Moving on to the Sprint event. After some fantastic driving in less-than-ideal conditions we achieved another 4th place and set the fastest EV lap time!

SUNDAY DYNAMIC EVENTS

Finally, Sunday rolled around, and after a long night of fixing electrical issues, we were ready to take on the Endurance race. Some excellent driving over the 22km meant that the car took the chequered flag in the event, for the first time in 8 years! This was an unbelievable moment for the team.



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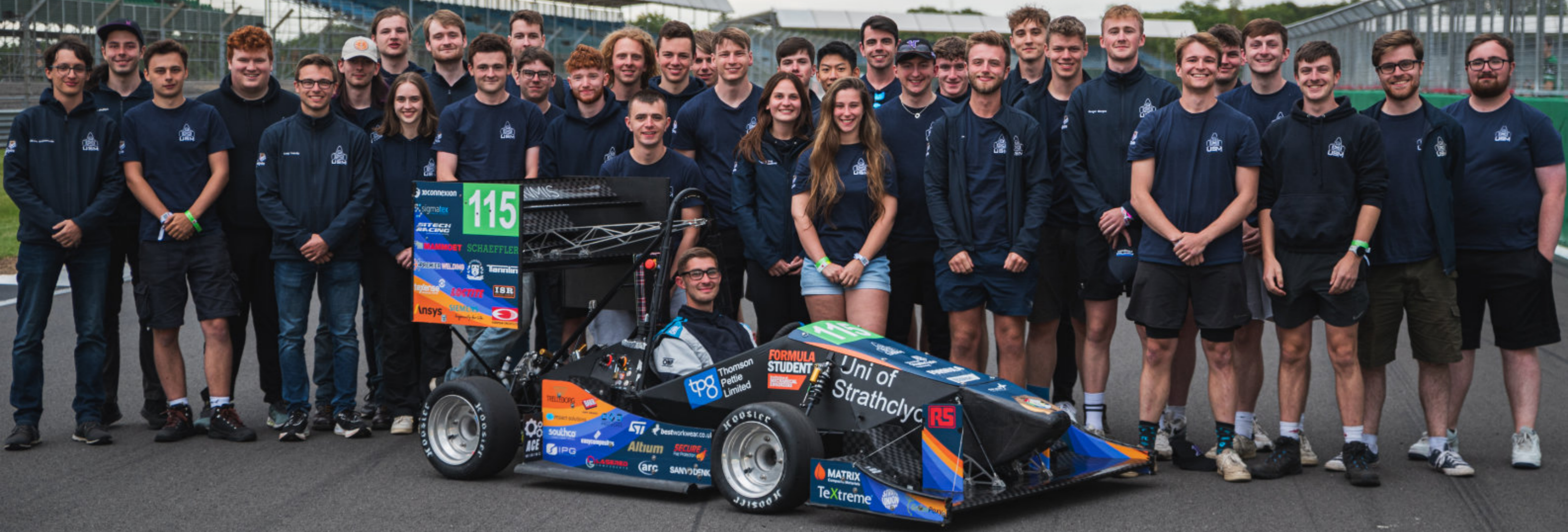
Finishing the event was monumental but it was made even more special by being the top EV team in the event!

To top it all off, our efficiency was measured at a near perfect score of 99/100 across the Endurance race.



FINAL WORDS

All of this led to the final overall result of 4th place. A massive achievement for all involved in the team and something we are enormously proud of. However, this is not the end of our journey. We hope to build on this event as we represent the UK at Formula Student Germany.



THANK YOU!

Finally, we would like to take this opportunity to say a massive thank you to all of our incredible sponsors this year. Without your help, such a success would not have been possible. We, as a team, hugely appreciate the help that each of our sponsors provide in developing the next generation of engineers.

