



GREENPOWER

GREENPOWER EDUCATIONAL TRUST

NEWSLETTER

Spring 2025



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Chief's Chat

by Barnabas Shelbourne, CEO

Well, here we are at the beginning of another year, 2025. By the time you read this, we will have already begun the first Greenpower heats. We are really excited about this year and seeing all the hard work of our young people in action. Throughout last year, I was fascinated to see the developments teams created to improve their cars' efficiency.

Time continues to fly by, and in addition to our event schedule, we have several exhibitions to attend. At the very start of the year, we were fortunate to take part in the Motorsport UK Inclusion Hub at Birmingham NEC, talking to visitors about opportunities for young people. We also have a stand at Everything Electric from 16–18 April at London Excel. Thanks to Fully Charged and Everything Electric, we have free tickets—so if you'd like some, please reach out. This year, the event falls in the week leading up to Easter, so hopefully, it will be easier for you all to attend. We will also be at Illuminate Norfolk and the Big D&T Meet, hosted at Baysgarth School in North Lincolnshire, one of our Greenpower Centres of Excellence.

If you missed it, I was fortunate to take part in one of the Designed for Life podcasts, hosted by Tony Ryan, CEO of the Design Technology Association. They provide significant support to schools in Design and Technology. Here's the [link](#) if you'd like to listen.

We have several partner organisations delivering Greenpower in other countries, and if your team would like to take part in an event, please reach out so we can put you in touch.

One observation this year is that some young people think they can only take part in Greenpower at certain school ages. Some participate in primary school but don't continue in secondary, while others take part in the F24 programme but don't realise they can stay involved through sixth form, college, university, or even up to age 25. You may not know that young people can also participate through youth organisations. Greenpower is very flexible—while they may finish with a specific team, that doesn't mean the opportunity ends. We also love keeping past participants involved as volunteers, Technical Committee members, Trustees, or Ambassadors. If any past participants would like to stay involved, please do reach out.

Finally, as a charity, we rely on generous supporters—both organisations and individuals. To help our fundraising efforts, I'll be cycling Land's End to John O' Groats on 10 May. A friend and I will ride over 1,000 miles in 7–8 days, carrying all our kit. I'd be grateful for any support, and all funds raised will go to Greenpower. Here's the [link to my JustGiving page](#).

I look forward to seeing you all this season.

Best wishes
Barnabas



I'm sure all teams have had a good look through the regulations, and noticed any F24 updates for 2025.

Goblin teams will be glad to know that the only changes have been to the sporting regulations. If you haven't already, we would encourage you to familiarise yourselves with the regulations. Please also share with your team members too.

The regulations may not be the most exciting read, but they are a fundamental part of the Greenpower programme. They outline the technical and safety requirements, helping team members understand what's needed to fully participate in the events. You can find them on the website at greenpower.co.uk/regulations. As always please do reach out to us if you need any support or have any questions.

DRIVING TIPS

If you're preparing your new team members around driving on tracks in an F24 Car or Goblin Car keep it simple & consistent;

- ▶ Goblin cars, ensure that the drivers know where their controls are and that they know to release the acceleration button when they brake.
- ▶ Goblin cars, accuracy and driving carefully is far more important than speed when doing slalom.
- ▶ For both the F24 and Goblin, it's always important to keep calm and don't panic when driving, and be considerate of others who are also driving their own cars.
- ▶ For F24s make sure team members know how use their mirrors, and are able to check the mirrors are positioned correctly. You can do this by making sure the person in the car can see the knees of team-mates standing behind the car, just outside the rear wheels (ie where an overtaking car would be).
- ▶ When driving on track in F24, or doing the sprint in a Goblin, it's important drivers hold their line & be steady & predictable when near other cars.
- ▶ For F24s driving on track, if cars slow right down due to battery energy levels or other reasons, it's important to either stick to the inside of the track or outside of the track and don't cut across the track, unless coming into the pit, and when doing so, making sure Mirrors are checked.
- ▶ Above all else, the last thing, ask the question - 'what is your number one priority?'. The response is usually 'be fast' or 'keep to the inside' say 'no - your number one priority is stay out of trouble - it is a long race, if someone is driving badly, keep out of their way.'



GREENPOWER NEEDS YOU!

Greenpower cannot do what it does without the entire community, it is far more than just the team members who coordinate its many activities. Over the past 26 years, the charity has grown and developed organically, and one major benefit of this is the many individuals who have taken it upon themselves to promote Greenpower and extend its reach. Not only that, but they also help to facilitate the activities we deliver. It is most definitely a team effort and a great example of the cliché: together, everyone achieves more!

We are always looking for people who want to help us grow and develop, so that more young people have the opportunity to experience what we do and all that it leads to. If you'd like to get involved, there are plenty of ways to help. Volunteers support

communications activities, help with fundraising, marshal at events, take on official roles such as chief scrutineering or clerking, assist individual teams with building and maintaining their cars, transport cars and equipment to events—the list goes on.

If you're wondering, "is this something I can do?", the answer is probably yes! We will support you to get involved at a level you are comfortable with. Volunteering with Greenpower is not only rewarding, knowing your contribution helps to change the lives of young people, but it can also provide a valuable learning experience if you're looking to develop new skills.

If you'd like to find out more, drop us an email or register at: greenpower.co.uk/volunteering.



Opportunities

We are continuing to recruit new team members to support with different roles

- ▶ **Clerk**
- ▶ **Chief Scrutineer**
- ▶ **Timing**
- ▶ **Recovery**

If you're interested in taking part in the training and learning more about any of these roles, please contact David@greenpower.co.uk



EVENT UPDATES AND OPPORTUNITIES

You'll see that we have now released the event dates. One of our priorities this year is to reconnect with and encourage more teams to take part in Goblins. Unfortunately, due to Covid, there was a drop-off in participation. On a positive note, the number of teams has slowly crept up each year, but we want to do more to support primary schools in getting back into the programme. If you know of a local team that could do with a little support to get re-established, please let us know. We have also planned more Goblin events this year.

Regarding the F24 and F24+ events, we were pleasantly surprised by such a positive response, with many events selling out. We are working hard to ensure as many teams as possible can attend and have created waiting lists to give everyone the opportunity to take part. We are also continuing to identify new venues so that we can expand further. If you know of any organisations that would like to support an event financially, please let us know, as this helps keep entry costs as accessible as possible.

REGISTRATION AND SIGN-ON

If you have registered for an event, you may have noticed we have made the process easier. You can now provide all team and member information in advance, which should help reduce administrative tasks and queues at the start of events.



NEW EVENT STAFF

Jake and Mason have now joined the team, they are going to be working with David on the events, so you'll get to meet them this year as they deliver the race heats all around the UK. Make sure you say "hi"





YOUR FEEDBACK

“It’s a powerful tool for inspiring the next generation of innovators and leaders.”

We love to hear feedback from everyone, and find out how the programme continues to help young people in many ways, from giving them a chance to apply their formal learning to a practical project, improve their confidence, build friendships, access work experience.

Each year we conduct a survey and to ensure that it’s as meaningful as possible, we need as many teams to complete it as possible. So a big thank you to all the teams that took time to provide their feedback, and thoughts, and tell us the life changing stories from 2024.

Some of the feedback from those who completed were they wanted more events, and so we have listened and responded, it was also great to hear the impact that Greenpower has on attitude to learning, and how the programme provides different benefits for the different age groups. A big thank you to those who participated.

See [page 7](#) for some key data from the survey.

Here are a few of the fantastic stories we have heard about the impact of Greenpower projects:

“We have had a girl who has gone on to study engineering at university, she has gone on to take part in Formula Student, become a Women in STEM ambassador, joined the McLaren 60 in STEM and secured a placement and Mercedes Formula One team.”

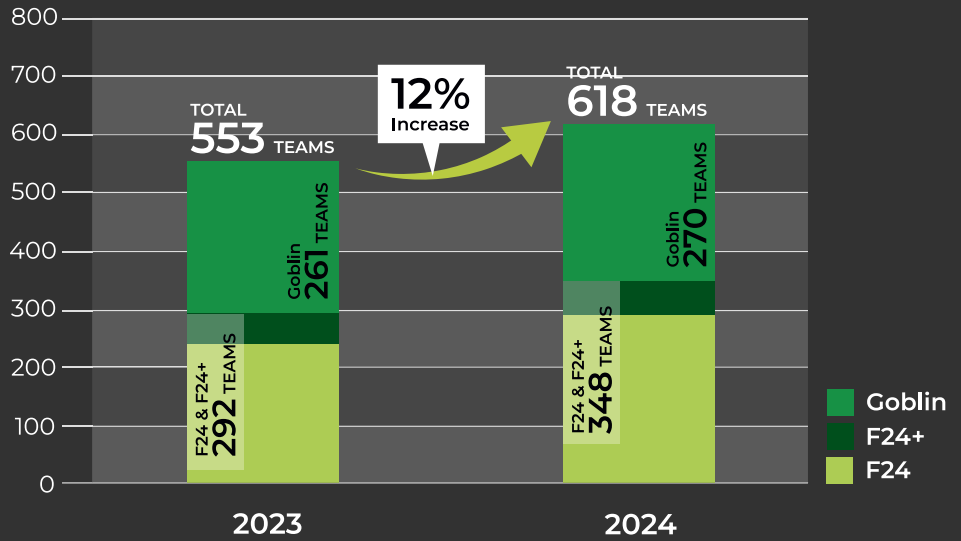
“Every year there has been a notable story: a quiet child lacking confidence who found an unexpected aptitude for leadership; a child who has never excelled in any academic subject but discovered this was something they were good at; a child with ADHD who learned to control their behaviour and work effectively as part of a team.”

“We had a boy who would not really communicate with others. However, he really opened up during the project and we were amazed by his confidence. His mum also commented how he had grown as a person.”

“significantly boosted student engagement, with many showing renewed enthusiasm for school and greater confidence in their abilities.”

KEY DATA FROM OUR 2024 SURVEY

NUMBER OF TEAMS 2023 VS 2024



IMPACT OF GREENPOWER PROJECT ON STUDENTS' STEM INTEREST AND LEARNING ATTITUDES

Percentage of teachers rating their team's STEM interest and learning attitude as 'high' or 'above average' before and after Greenpower.

INTEREST IN STEM ACTIVITIES AND CAREERS



ATTITUDE TO LEARNING



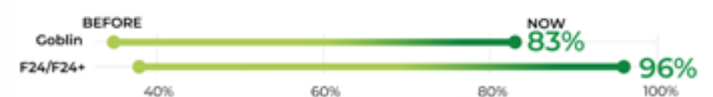
IMPACT OF TAKING PART ON SOCIAL AND EMOTIONAL SKILLS

Percentage of teachers rating young people's skills as 'high' or 'above average' before and after Greenpower.

CHARACTER DEVELOPMENT & EMOTIONAL RESILIENCE



SOCIAL DEVELOPMENT, MEETING NEW PEOPLE



SOCIAL DEVELOPMENT, MEETING NEW PEOPLE



CRITICAL THINKING & PROBLEM SOLVING





SPOTLIGHT ON A TEAM/ORGANISATION

As the newsletter develops, it's great to feature what different teams are up to, and that is what this section is all about. The hope is that it will provide inspiration and encouragement. If you would like your team to feature in the next one, please do send us an overview of what you've been up to: info@greenpower.co.uk

SYLVIA BEAUFOY

This edition of our newsletter features Sylvia Beaufoy, one of a small number of youth organisations who take part in Greenpower. Thanks to Dan Sneller for sending this piece over.

The Sylvia Beaufoy Centre is proud to be home to one of the most unique Greenpower teams in the UK. Based in Petworth, our team brings together 45 young people, competing across four F24 cars, one F24+ car, and a Goblin car for younger participants. As a youth club that has been racing for 11 years, we offer our members an unparalleled experience that extends far beyond STEM.

While our team excels in the core Greenpower principles of engineering, design, and teamwork, we also provide our young people with the opportunity to develop valuable soft skills. From engaging with corporate sponsors like HWM Aston Martin and Fisker's Historic Automobiles to interacting with high-net-worth individuals passionate about motorsport, our members gain confidence in communication, professionalism, and networking. Additionally, they've tackled media challenges, including being interviewed on camera, further building their ability to shine in public-facing situations.

Our commitment to supporting the wider Greenpower community is another element that sets us apart. Recognised as a 'Centre of Excellence' by Greenpower four years ago, we actively assist other teams wherever possible, sharing knowledge and experience to grow this amazing initiative.

As we enter our 11th year of racing, we remain passionate about empowering young people and showcasing the incredible opportunities Greenpower offers. If your team is looking for advice, inspiration, or collaboration, don't hesitate to reach out—we'd love to connect and continue supporting the next generation of engineers and leaders.

Find out more about the Sylvia Beaufoy Centre and our Greenpower journey at sylviabeaufoy.org. Together, let's keep driving innovation and opportunity for young people everywhere!



OTHER NEWS AND TIPS



JOIN THE GREENPOWER FACEBOOK COMMUNITY FOR TEAM LEADER SUPPORT

If you're new to Greenpower, be sure to check out our Facebook groups for team leaders. These communities are great places to connect with others, ask questions, and share advice. These groups are not open to young people under 18 and still in school.

We have two groups:

Greenpower Community – A space for team leaders to exchange guidance and support.

Greenpower Technical – Focused on technical discussions and problem-solving.

WEB SHOP

We have now launched a new web shop, which we hope will make everyone's experience better, and make finding products easier.

shop.greenpower.co.uk



TRUSTEES ANNOUNCEMENT

After many years on our Trustee Board, Chris Baylis has stepped down, and we want to extend our gratitude to him for all the time and commitment that he has put into helping extend Greenpower to thousands of young people over the years. He will continue to support as an Ambassador.

We also welcome three new Trustees who have joined the Board, Yeukai Chikowore, Lizzie Craven, Peter Coyle, who we are excited to have on board, and who will help us to continue to grow and develop the charity's work.

THANKS FOR READING



GREENPOWER

CONTACT US

Give us a call for more information
or drop us an email:

01243 552305

info@greenpower.co.uk

greenpower.co.uk

The Greenpower Centre
Arundel Road
Fontwell
West Sussex
BN18 OSD

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