



**ZERO**

**Silverstone**

**2022 SUSTAINABILITY  
REPORT**



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SECTION 1

# ABOUT THIS REPORT

# ABOUT THIS REPORT

This is our first ever Sustainability Report, reporting on Silverstone's Sustainability performance across the environment, social sustainability and governance.

It covers the calendar year from 1<sup>st</sup> January to 31<sup>st</sup> December 2022 and aims to transparently report on our progress towards developing Silverstone Circuit into a leading sustainable business and leisure destination, ensuring full accountability to our stakeholders.



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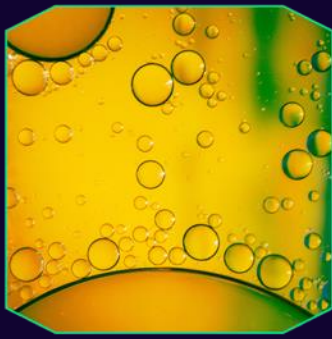
SECTION 2

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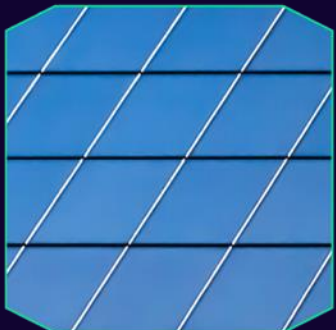
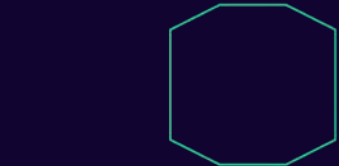
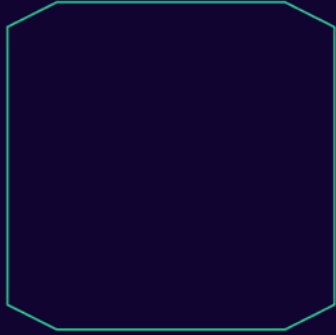
# OUR VISION

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## OUR VISION

We want to become the UK's premier leisure and business destination with motorsport at its heart, using collaboration, sustainability and a fan-centred mentality to deliver first class experiences for years to come.

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SECTION 3

**A MESSAGE  
FROM OUR  
LEADERSHIP**

# A MESSAGE FROM THE CHAIRMAN OF BRDC



The British Racing Drivers' Club has been the proud owner and operator of Silverstone for more than 70 years. The landscape within motorsport and the wider world has changed markedly in that time, but we have been unwavering in our commitment to developing Silverstone into the world-class venue it is today.

As we look to the future, we recognise the central importance of robust sustainability principles and practices in supporting the long-term health of our circuit, helping to confirm Silverstone as a leader in the journey towards a prosperous, innovative, and responsible future for the industry.

The BRDC is delighted to support the creation of this sustainability report, showcasing to the industry what success looks like and inspiring behaviour change among fans. It is through initiatives such as this that we can ensure the positive legacy of motorsport lives on long into the future.

PETER DIGBY







Silverstone is the home of British Motorsport and as such we have a responsibility to continuously push the boundaries on smarter and cleaner ways of working across our own operations and with our suppliers and partners.

In June 2022, we announced that we were Shifting to Zero by launching our Business Sustainability Strategy, committing to the goals of zero carbon by 2030 and zero single-use plastic and 100% of our waste reused, recycled and composted by 2026.

Over the past year, we have made great strides towards our targets, both during large events such as the Formula 1 Lenovo British Grand Prix and throughout the year, reducing our carbon emissions, putting in place several initiatives aimed at supporting our neighbours and surrounding communities, and inviting our stakeholders along on this journey.

Our Shift to Zero is just beginning, but we are confident that we are on the right track. We look forward to continuing to work with our partners, suppliers, and fans to pioneer new and innovative ideas for a more sustainable future for our industry.

**STUART PRINGLE**



## A MESSAGE FROM **OUR** **MANAGING** **DIRECTOR**



# A MESSAGE FROM OUR HEAD OF BUSINESS SUSTAINABILITY AND PARTNERSHIPS



True sustainable change can only take place through partnership and collaboration across the industry; we are committed to working closely with our partners and suppliers to deliver on our three pillars of focus: innovation, community, and experience.

We want to act as a platform for new technologies and sustainable innovation, hosting innovators from across the world to share best practice and showcasing sustainable development, transport, and lifestyle opportunities.

Committed to reducing our carbon footprint and environmental impact as well as increasing our positive impact on our people and community, we are evolving Silverstone into a sustainable business and leisure destination; in 2022, we underlined this commitment by investing 3% of our annual turnover into sustainability initiatives.

We would like to thank our partners for supporting us as we Shift to Zero, and look forward to continuing our work together to drive the industry towards a more sustainable future.

**STÉPHANE BAZIRE**



# THREE STRATEGIC PILLARS UNDERPINNING OUR COMMITMENT

## 01. INNOVATION



## 02. COMMUNITY



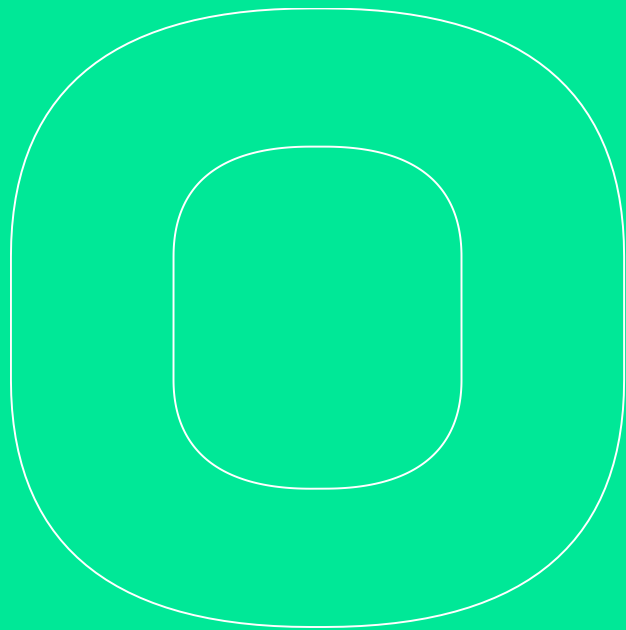
## 03. EXPERIENCE



# ALIGNING WITH THE GLOBAL SUSTAINABILITY RACE

Our commitments are in line with the UN Sustainable Development Goals, the FIA Environmental Strategy, the FIM Environmental Code, and the Formula 1 Sustainability Strategy.





SECTION 4

# CARBON EMISSIONS REPORT 2022

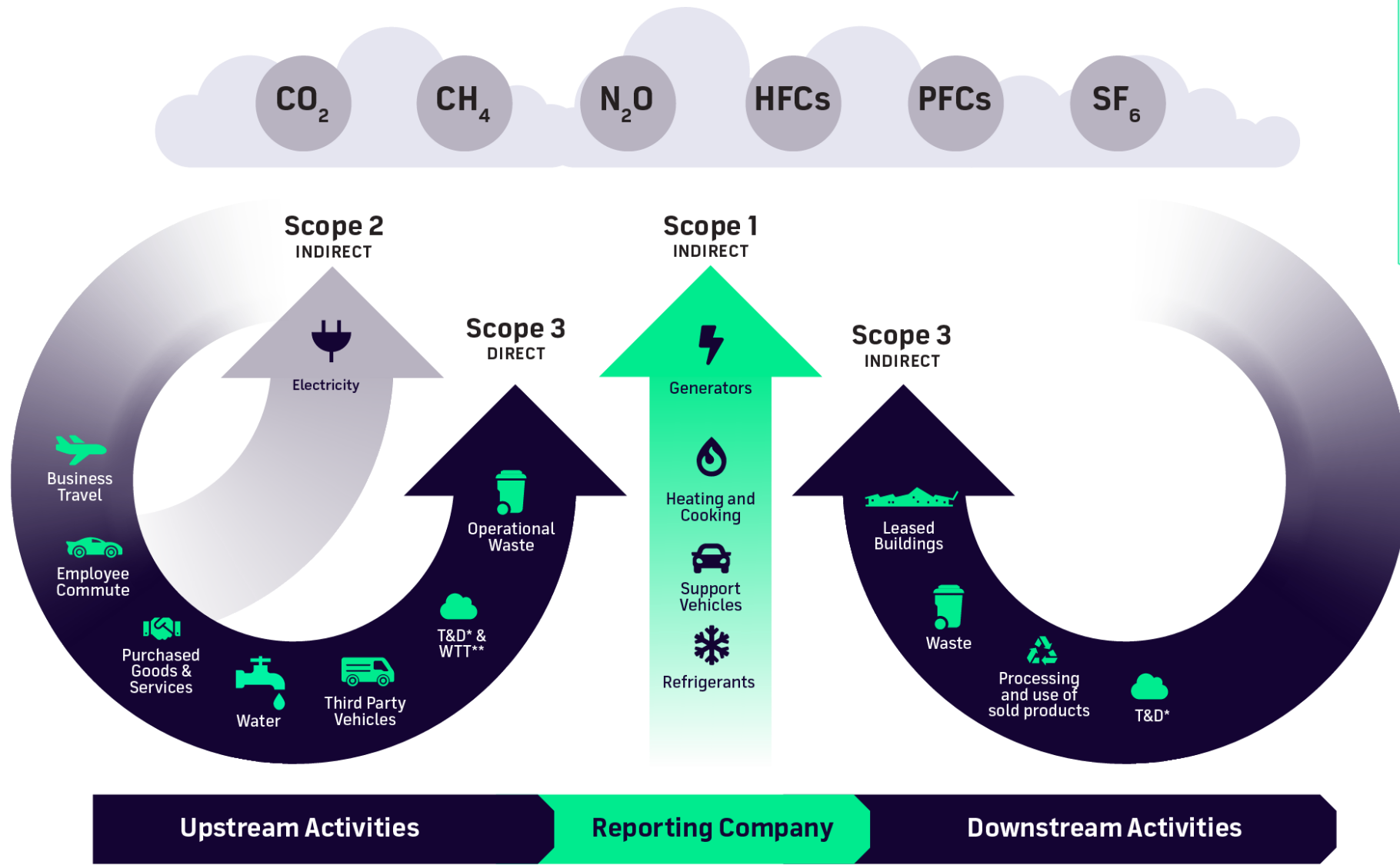


# CARBON FOOTPRINT REPORT

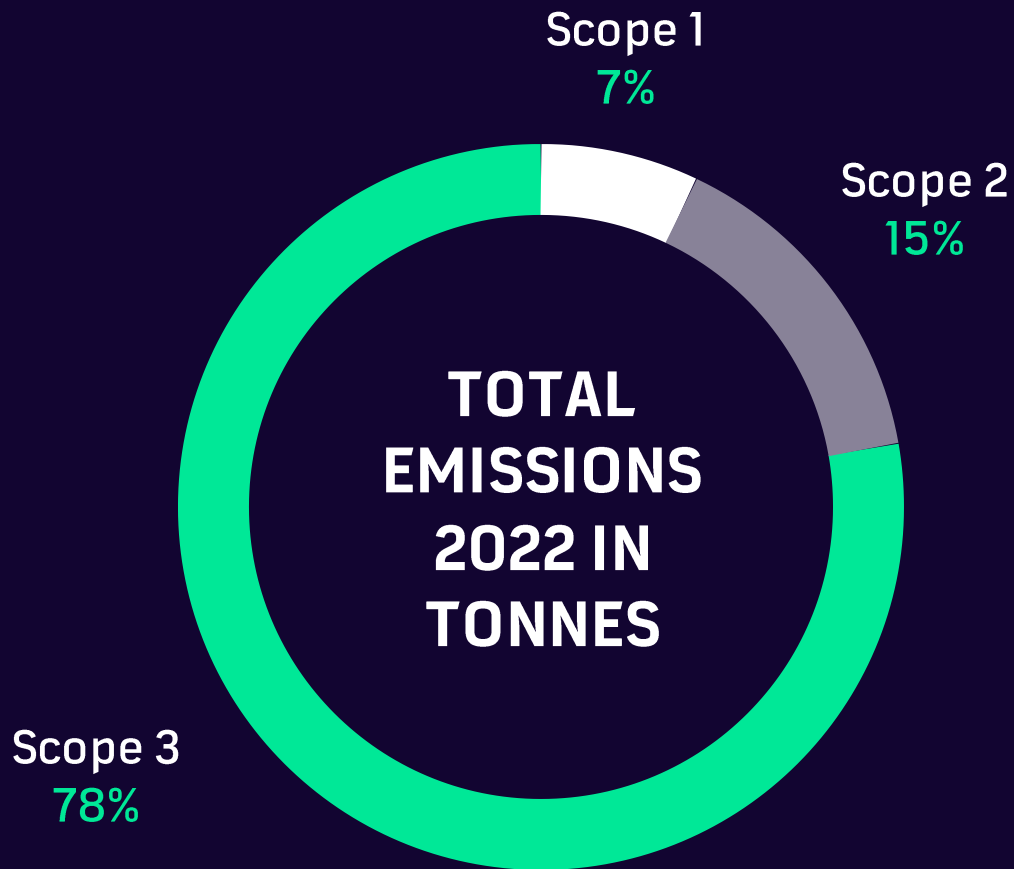


Our 2022 carbon emissions have been calculated in line with the Greenhouse Gas Protocol guidance. They cover our corporate Scope 1, Scope 2, and partial Scope 3 emissions from 1<sup>st</sup> January to 31<sup>st</sup> December 2022.

As we proceed on our journey towards zero carbon by 2030, we are continuing to work with our sustainability and carbon analysis experts, as well as our partners and suppliers, to ensure that we gain a more complete understanding of our Scope 3 emissions.



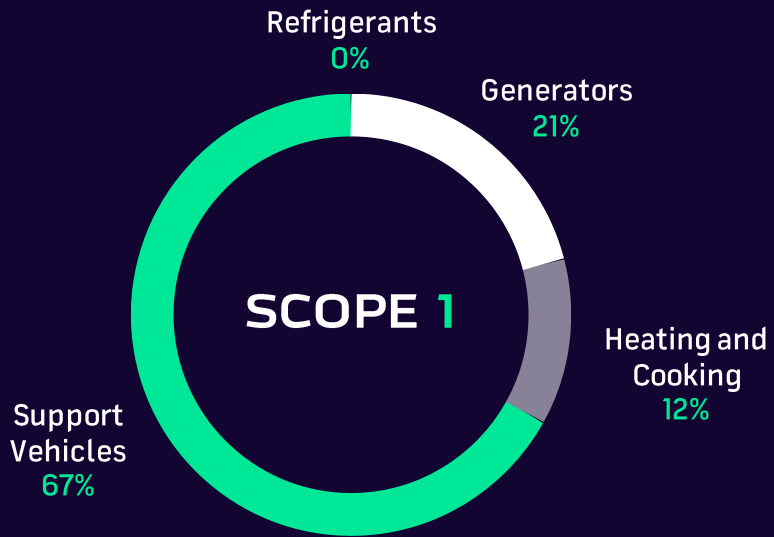
\*Emissions resulting from the losses due to the Transmission & Distribution of Electricity  
 \*\*Well-to-Tank



# TOTAL EMISSIONS: 2022

- Scope 1 emissions, which are representative of emissions within our direct control, make up only 7% of our overall emissions.
- 15% of our overall emissions result from the electricity produced on our behalf. Tackling this by switching to renewable energy is a key target for 2023.
- Scope 3 emissions, which represent emissions resulting from actions outside our direct control, account for 78% of our overall emissions.
- This indicates a continued need for us to work with our suppliers and partners to drive down emissions across our entire value chain.

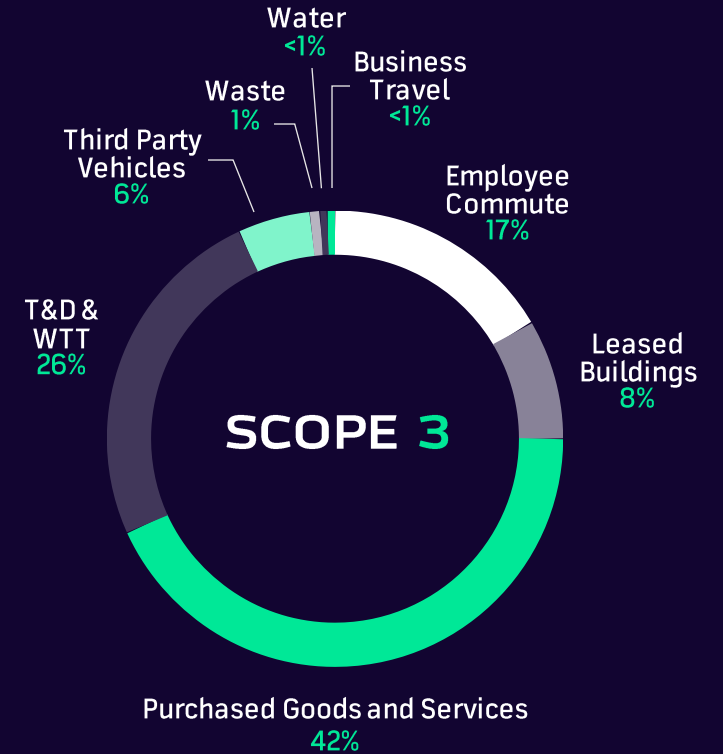
# 2022 EMISSIONS BY SCOPE



- The majority of our Scope 1 emissions come from support vehicles on-site.
- Emissions produced by on-site generators were significantly reduced thanks to the introduction of HVO fuelled generators across our site.



- 100% of our Scope 2 emissions in 2022 were the result of electricity produced on our behalf.
- We are looking to reduce this number to 0% in 2023.



- Purchase goods and services account for the majority of our Scope 3 emissions and we are working with our partners along our value chain to reduce these emissions moving forward.



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SECTION 5

**SUSTAINABILITY  
REPORT**



**SUSTAINABILITY REPORT:**  
**INNOVATION**

**WE ADOPT INNOVATIVE  
TECHNOLOGIES TO SUPPORT AND  
ACCELERATE OUR JOURNEY  
TOWARDS ZERO CARBON**

# INNOVATIVE SOLUTIONS

In 2022, we took a number of important steps towards our goal of reaching zero carbon by 2030. This included reducing the overall energy consumption of our events and operations, starting the switch to renewable sources of energy, and rolling out resource-efficient technologies.

We are committed to adopting innovative solutions across our operations wherever possible and in 2022 a key initiative saw the installation of 2,764 solar panels on the roof of “The Wing”, covering an area of 4,329m<sup>2</sup>. This solar farm will allow us to reduce our annual grid electricity consumption by around 13% compared to our 2022 baseline.

In recognition of the key role they play in our overall carbon footprint, all of our on-site

generators, whether temporary or permanent, run on hydrotreated vegetable oil. This has resulted in a reduction of 567 tCO<sub>2</sub>e in 2022.

The ongoing rollout of new LED lighting across the site saw 33% of our total fittings being changed in 2022. We now have 50% of our site equipped with energy-efficient lighting, planning to reach 100% LED within 2 years.

Additionally, we installed water saving technologies in a number of our toilet facilities, allowing us to reduce their water consumption by 14%.

The solar farm on top of our iconic ‘The Wing’ building allows us to reduce our annual grid consumption by 13%\*.

\*based on our 2022 grid consumption







# INVITING INNOVATORS

We are pioneering innovation by inviting current and future partners to bring their ideas to Silverstone and providing a space and a platform on which innovators can come together, share best practice, and develop the sustainable solutions of tomorrow.

We want to provide the industry with a sustainable destination at which it can come together and collaborate. Committed to the 'Net Zero Carbon Events Pledge' since 2021, we were certified as a GREEN Accredited Venue by Venue Directory, the largest venue finding tool for event agencies in the UK.

Between January and December 2022, we hosted five trade events with a sustainability focus across a number of different industries, attracting close to 3,000 attendees interested in working together to build a more sustainable future for their business.



NET ZERO CARBON EVENTS



SUSTAINABILITY REPORT:

# COMMUNITY

SUPPORT OUR PEOPLE,  
ENGAGE OUR NEIGHBOURS,  
AND INSPIRE THE NEXT  
GENERATION



# FOOD SURPLUS COLLECTION - TOWFOOD

In 2022 we deepened our relationship with local partners, making a positive contribution to our community across a range of initiatives.

We have been working with local food distribution project TowFood since 2021 and in 2022 supported the initiative by donating surplus food throughout the year. Collected items are distributed to around **450 households** in the local area via community larders.

Across 2022, we worked with all stakeholders involved with our events and daily operations to donate as much surplus food as possible, leading to a total of over **11.5 tonnes** donated in the last year.



The year-round food surplus collections from Silverstone have been a great help to many people, including families and elderly people, who have been impacted by the cost of living crisis in the Towcester area.

KATIE SWAIN  
TOWFOOD



MONSTER ENERGY BRITISH GRAND PRIX (MOTOGP):  
**1.3 TONNES**

PITSTOP CAFÉ 2022:  
**2.1 TONNES**

KWIKFIT BTCC:  
**300KG**

FORMULA 1 LENOVO BRITISH GP:  
**8 TONNES**







# OUR LOCAL COMMUNITY

**We're committed to engaging our local communities and ensuring that everyone benefits from a more sustainable Silverstone. In 2022, we hosted 84 local students for internship experiences across some of our most prestigious events.**

Part of our commitment to engaging with the local community also means ensuring that job opportunities are promoted locally and young people from the community are given the opportunity to experience life behind-the-scenes at Silverstone.

In 2022, we had the pleasure of hosting 84 students from the local Milton Keynes College for internship opportunities during our three largest events, the Formula One Lenovo British Grand Prix, the British Grand Prix MotoGP, and the Silverstone Festival.



We're delighted with the opportunities that our partnership with Silverstone brings to our learners at Milton Keynes College. Supporting students' educational journey with an outstanding experience in this iconic venue, the partnership provides a unique learning adventure and will ensure our learners gain the employability and personal development skills that employers are seeking.

**MARIA BOWNESS**  
GROUP DIRECTOR at  
MK COLLEGE GROUP



# OUR PEOPLE

People are at the heart of everything we do at Silverstone. We work to provide good quality jobs in a safe and healthy environment and continue to do so while our team experiences substantial growth.

We are committed to placing people at the centre of everything we do, providing quality jobs, and fostering an inclusive, diverse, and healthy work culture.

In 2022, we have seen considerable growth in our team, increasing our workforce by 125% to 180.

To combat a lack of diversity often seen in motorsport, we are actively working to ensure that Silverstone hires and retains a workforce representative of society. During last year's period of growth, we maintained gender equality among our staff, currently employing 54% male and 46% female employees across our organisation.



Providing a safe and healthy work environment is a priority for us. Across 2022, we were able to address a range of vital topics and are looking to continuously expand and improve this programme in collaboration with our employees



CATHERINE WALLACE  
HEAD OF HR





# OUR PEOPLE

In wanting to improve the overall health and wellbeing of our people, we have introduced a dedicated Staff Wellbeing Group that hosts regular events and awareness months throughout the year, dedicating time to topics such as nutrition, stress, mental health awareness and financial wellbeing.

Events include seminars and webinars, fitness sessions, competitions and donation drives, all aimed at promoting employee wellbeing.

In addition, we also frequently open the track to staff for cycling, walking, or other exercise purposes.



I am made to feel very much part of the Silverstone team and we are communicated to regularly, not only through the fun and engaging newsletters but also via the team briefings where we are given the opportunity to engage and ask questions. All staff are invited to attend any of the many wellbeing clinics or activities which are well run and much appreciated."

CHLOE RUTHERFORD  
VENUE COORDINATOR



# HEALTH & WELLNESS

 <b>JAN</b> NUTRITION	 <b>FEB</b> PHYSICAL HEALTH	 <b>MAR</b> HAPPINESS & SLEEP	 <b>APR</b> STRESS
 <b>DEC</b> FINANCIAL WELLBEING			 <b>MAY</b> BE ACTIVE
 <b>NOV</b> MEN'S HEALTH AWARENESS			 <b>JUN</b> DIABETES AWARENESS
 <b>OCT</b> MENTAL HEALTH AWARENESS	 <b>SEP</b> WOMEN'S HEALTH	 <b>AUG</b> ENJOYING NATURE	 <b>JUL</b> LOOKING AFTER OURSELVES THROUGH THE MAJOR EVENTS

Our Wellbeing Group meet monthly, if you would be interested in being part of this group contact [HR@silverstone.co.uk](mailto:HR@silverstone.co.uk) for further details.







**IN 2022, OVER  
6,000 COACH  
JOURNEYS TO  
AND FROM OUR  
MAJOR EVENTS  
WERE BOOKED.**

# FAN ENGAGEMENT

We take our potential for positive impact seriously and in 2022 launched a number of initiatives aimed at inspiring our visitors to join us on the Shift to Zero.

We want to use our position as one of the most historic and well-known sports venues in the country to engage and educate our fans.

In 2022, we joined forces with the Sky Sports Summer of Sustainability initiative, encouraging our fans to make more sustainable choices during the Formula One Lenovo 2022 Grand Prix. Supported by our 500 volunteers, also known as the Silverstone Race Makers, fans were asked to complete sustainable actions, registering them through an online portal for the chance to win tickets for the 2023 Formula 1 British Grand Prix.



Our Sky Sports Summer of Sustainability showed fans the impact of climate change on sport and encouraged them to act to reduce their environmental footprint. In total, over 1.7 million actions were taken, with fans refilling reusable water bottles, using public transport, eating less meat, and recycling their waste. The British Grand Prix is one of the biggest events in the UK's sporting calendar and we were proud to work with F1 and the circuit's team to bring the Summer of Sustainability to Silverstone and support in its Shift to Zero.

**BILLY MCGINTY,**  
**DIRECTOR OF F1, SKY SPORTS**





# FAN ENGAGEMENT

In total, 25,809 actions were submitted, with fans choosing to refill their water bottles at one of our free water points, recycling their waste at one of our waste stations, or feeling inspired to try a plant-based or vegetarian meal from one of our 30 catering outlets.

Following its success during the Formula 1 British GP weekend, we have continued to incentivise sustainable actions at every major event since, resulting in a total of 34,186 actions taken in 2022.

All of our Race Makers receive DE&I training, with 20 especially trained to deal with accessibility requests.



SUSTAINABILITY REPORT:

# EXPERIENCE

EVOLVE INTO A LEADING  
DESTINATION FOR SUSTAINABLE  
BUSINESS AND LEISURE EVENTS

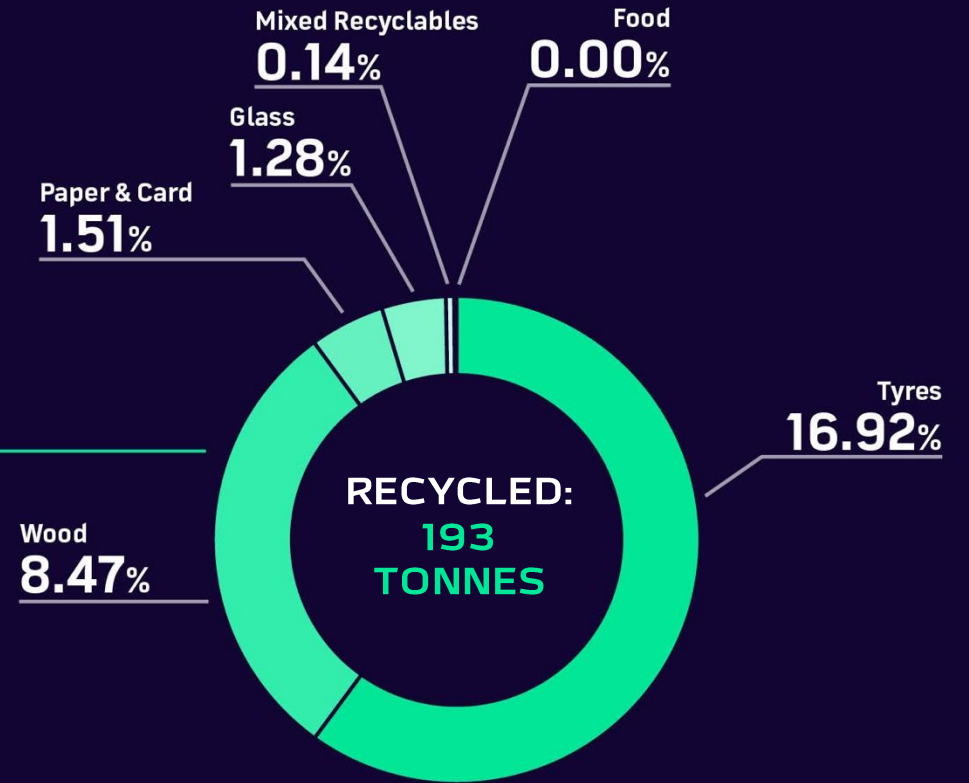
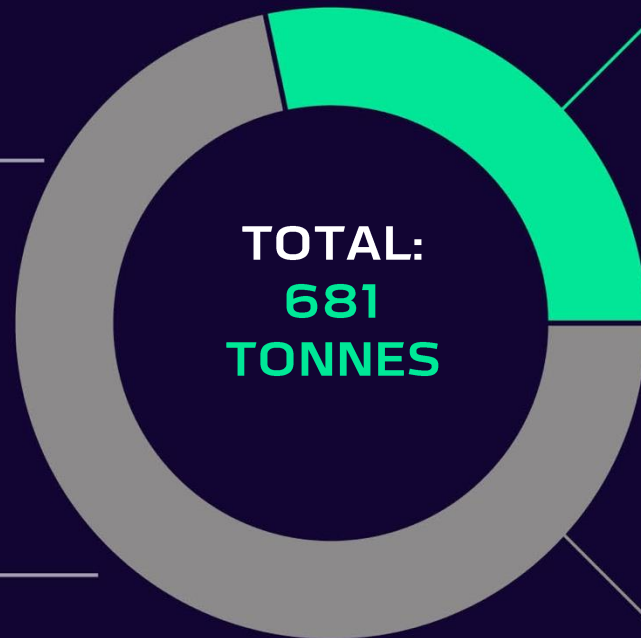
# WASTE

In wanting to lead the way for our industry as a sustainable business and leisure destination, we have committed to 100% of our waste being re-used, recycled, or composted by 2026.

We have been working closely with our ISO14001 certified waste provider to continuously send zero waste to landfill since 2018.

Recyclables  
**28%**

Non-Recyclables  
**72%**



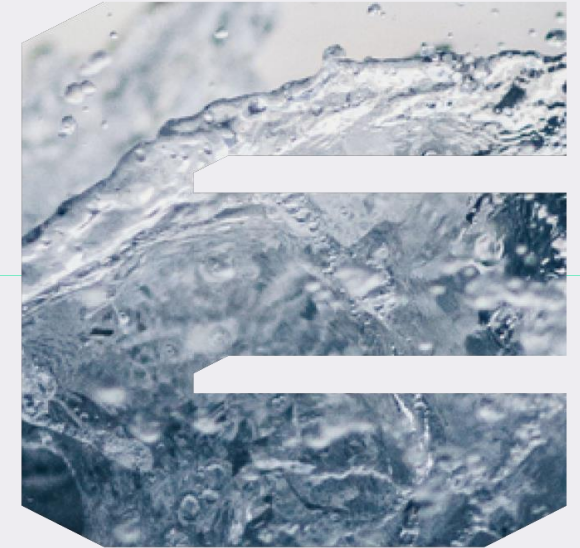
**ENERGY FROM WASTE:  
488 TONNES**



# ZERO PLASTIC

According to UNEP, the UN Environment Programme, around one million plastic bottles are purchased worldwide every minute\*.

As part of our Shift to Zero, we are committed to zero single-use plastic by 2026 across all of our operations and events. In 2022, we installed an additional 11 water refilling stations across our grounds for major events, bringing us to a total of 22 hydration points available to visitors. This allowed an estimated 600,000 bottles to be refilled over the course of the 2022 Lenovo Formula 1 British Grand Prix weekend.



**OVER 600,000  
BOTTLES WERE  
REFILLED OVER  
THE COURSE  
OF THE BRITISH  
GRAND PRIX  
WEEKEND**

\*<https://www.unep.org/interactives/beat-plastic-pollution/>



# LEADERSHIP AND GOVERNANCE



**United Nations**  
Framework Convention on  
Climate Change

On the eve of the Formula 1 Lenovo British GP 2022, we became the first motor racing venue to join the UNFCCC Sports for Climate Action Framework. Other notable signatories of the framework include the FIA, Formula 1, Formula E, FIFA, and UEFA.

## BASIS

British Association for Sustainable Sport

Since 2021, we have been a member of BASIS, the British Association for Sustainable Sport, and in 2022 we continued our active engagement with other members of the UK's hub for sustainability in sport to harness our collective power and build a more sustainable future for our industry.



In June 2022, the FIA recognised our commitment to sustainability by awarding Silverstone Circuit the FIA two-star environmental accreditation. We are now working towards achieving three-star environmental accreditation in the framework.



We are honoured to have received Motorsport UK's coveted Environmental Award, recognising our "Shift to Zero" sustainability commitments and the progress made towards our targets in 2022. The award recognizes outstanding achievements and initiatives that are aligned with Motorsport UK's sustainability strategy.



Department for  
Business, Energy  
& Industrial Strategy

### STREAMLINED ENERGY & CARBON REPORTING

Since 2019, we have been reporting our energy usage and related carbon footprint via the UK's Streamlined Energy & Carbon Reporting (SECR) scheme.



In 2022, we established a dedicated Sustainability Task Force across key stakeholders in the organisation. The Task Force meets every three months to discuss and align on targets and progress towards our sustainability goals, ensuring that sustainability remains a key point of focus across the business.

# OUR PARTNERS DRIVING SUSTAINABILITY

We have established shared-value partnerships to mobilise sustainable advancement at Silverstone and to support us on our journey to net zero.





2023  
THANK  
YOU

Silverstone Circuit  
Towcester / Northamptonshire  
NN12 8TN

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E / [zero@silverstone.co.uk](mailto:zero@silverstone.co.uk)  
W / [silverstone.co.uk/sustainability](https://www.silverstone.co.uk/sustainability)



# PROGRESS REPORT

TARGET	TARGET YEAR	STATUS
Obtain FIA two-star environmental accreditation.	2022	COMPLETED
Install first set of solar panels (2764 total) on 'The Wing' roof.	2022	COMPLETED
Zero waste to landfill.	2022	COMPLETED
Change all Silverstone owned and operated generators to HVO.	2022	COMPLETED
Host 5 events focusing on sustainable development, transport, and lifestyle opportunities.	2022	COMPLETED
100% of surplus food collected donated to local community food larder TowFood.	2022	COMPLETED
Launch Green Champions committee, educating 500 Race Makers on sustainability and establishing an internal Sustainability Task Force.	2022	COMPLETED



# PROGRESS REPORT

TARGET	TARGET YEAR	STATUS
Obtain FIA three-star environmental accreditation.	2023	IN PROGRESS
Increase the number of solar panels on site by 15%.	2023	IN PROGRESS
Switch to 100% renewable energy by April 2023.	2023	COMPLETED
Install 30 electric vehicle charging points.	2023	24 ALREADY INSTALLED IN Q2
Switch 25% of our fleet to electric vehicles.	2023	IN PROGRESS
Recycle 35% of waste from across the site and from events throughout the year.	2023	IN PROGRESS