



FORMULA 1 2022 SUSTAINABILITY PROGRESS

In 2019, Formula 1 launched its Sustainability Strategy, setting out the following ambitions:

1. To achieve Net Zero Carbon by 2030: including delivering 100% sustainable fuels
2. To leave a legacy of positive change wherever we race
3. To take steps to build a more diverse and inclusive sport by removing barriers, nurturing talent, and inspiring change.

As part of our commitment to continual improvement, we updated our mission statement in 2022 to include innovation, inclusivity, and sustainability at the heart of our future growth and value.

To realise our strategy and deliver against our mission statement, this document will showcase the progress F1 has made throughout 2022.

We fully understand that we must maintain our momentum in these vitally important areas as progress still needs to be made, but a huge amount of work is already underway to make Formula 1 more sustainable and more diverse.

LAYING THE FOUNDATIONS

In 2022, Formula 1 took the following key steps to ensure that we are delivering against our sustainability goals:

1. Team building – We built our internal sustainability capability and capacity in 2022 through the hiring of our first Head of Sustainability and Sustainability Coordinator. We have also added resource in our HR function with our first Diversity and Inclusion Business Partner.
2. Policies – We updated our internal policies and procedures relating to sustainability, including our Code of Conduct, Sustainability Policy and Procurement Guidelines. [We are also renewing our FIA 3 Star Environmental Accreditation].
3. Reporting – We published our first [Environment, Social & Governance briefing note](#), which outlines how the sport, as a collective, is developing potential solutions to global transportation challenges. The note also gives a progress update on Formula 1's delivery against its ambitious Sustainability Strategy.

4. Marketing & Communications – We launched the Net Zero by 2030 campaign around our Silverstone race, reinforcing our goals via media and digital outreach and creating a constant presence across the paddock through extensive branding.
5. Collaboration – We have had regular meetings with the F1 Teams, sharing broadcaster briefing & race logistics notes and working sessions on Water Refill & Carbon measurement.

NET ZERO CARBON BY 2030

Since making our Net Zero commitment, we have taken the following actions to reduce our carbon footprint:

- Introduced remote broadcast operations, which has continued to enable us to deliver initiatives at the Media & Technology Centre which in the past would have been done at the track, which has led to reductions the number of personnel and amount of freight required on-site at races
- Redesigned our freight containers, enabling more efficient aircraft to be used as part of our ongoing review of how to reduce the carbon footprint of our logistics operations. The change from 747 to 777 where possible leads to emissions being reduced by 19.12%
- Transitioned to 100% renewable energy in our F1 offices
- Achieved the highest Sustainability Management accreditation awarded by the FIA (3* accredited)
- Started the process of rationalising our race calendar, by engaging with promoters to work towards a more regional approach, over time. We continue to navigate various issues (such as the climate in certain regions during specific months of the year) that restrict the extent to which certain race events can be moved.
- For the second year running, achieved Albert Certification for the broadcast production of the FORMULA 1 PIRELLI BRITISH GRAND PRIX. Albert Certification, which is industry-backed and awarded by the British Academy of Film and Television Arts (“BAFTA”), is given to productions that meet sustainable credentials, tackle the environmental impact of broadcasting, and inspire audiences to act on a more sustainable future. Formula 1 first earned the accreditation in 2021.

LEGACY WHERE WE RACE

As F1 continues its journey to become Net Zero Carbon by 2030, it is crucial that key stakeholders, such as our host race promoters, are working with us to deliver more sustainable events.

At the beginning of 2022, we issued best practice guidance to all our race promoters to help them to run sustainable events, and to set expectations for future seasons. This guidance looks at key areas such as energy, plastic and waste, wellbeing and nature, local fan travel and carbon.

Ahead of every race, we work with each promoter to:

1. Create a sustainability plan for each event
2. Develop year on year targets to map continual improvement towards Net Zero.

To support this work, carry out race by race reporting through:

1. Broadcaster briefing notes - issued to all broadcasters prior to the event, about sustainability during the race weekend
2. Paddock logistics notes - issued to Paddock users such as F1 Teams, broadcasters, and suppliers to link into sustainability infrastructure, such as food donation & recycling

Results in 2022 include:

- Over 80% of our promoters worked directly with their community through initiatives such as surplus food donation to local charities and engagement with local causes, including education and outreach
 - [Great Britain](#) – F1, Silverstone and Sky worked with fans to promote more sustainable actions
 - [Miami \(Video\)](#)
- Over 80% of our promoters made strides in reducing single use through initiatives like water refill stations, increased recycling facilities, and usage of refillable cups
- Over 70% of our promoters started offering greener ways to reach the race through last-mile solutions such as shuttles and broader support of public transport for example:
 - [Netherlands](#)
 - [Canada](#)
- Over 50% of our promoters started powering their events using alternative energy sources like solar panels, green tariffs, and biofuels

- [Bahrain](#)
- Race Promoters working towards FIA Environmental Accreditation
 - [Abu Dhabi](#) – 3* accreditation. The Promoter has received the highest level of environmental accreditation from the FIA and is delivering across the F1 Sustainability Strategy including promotion of reuse & recycling (increased use of renewable energy – use of solar panels & EV charging points – and expanded community outreach (example)

SUSTAINABLE FUEL BY 2026

- Whilst racing fuel represents less than 1% of our emissions, sustainable fuel is the area where F1 can have the greatest effect on the global transportation sector
- After developing the most efficient hybrid engine in the world, F1 and the FIA are also leading in the development of sustainable fuel, which has purposely been designed with a 'drop-in' feature to help accelerate adoption and reduce costs for use in existing road cars (both internal combustion engines and hybrids)
- This drop-in fuel will be carbon neutral and can be produced in the volumes required to meet the needs of the automotive sector. With this advanced sustainable drop-in fuel, it is possible to impact not just new cars sold, but the entire global car parc – having an enormous impact on the global transport sectors Green House Gas (GHG) emissions. It would also require no modification to existing vehicles, therefore requiring no additional costs to consumers
- By 2030 – there will be 1.4bn cars on the road globally – however only 8% will be pure Battery Electric Vehicles leaving more than 1.2bn Internal Combustion Engine (ICE) vehicles. The sustainable fuel would be available for use in all those existing vehicles – reducing emissions globally, a game changing moment in greenhouse gas reduction globally
- The advanced sustainable fuel that we are working on would not only reduce the environmental impact of all new and existing road-cars globally, but also to have a potential impact on some of the largest emitting sectors of heavy road transport, shipping, and aviation – with the fuel we develop presenting new solutions for those sectors
- Formula 2 and Formula 3 will also be sustainably fuelled by 2027, with a 55% sustainable component fuel introduced in both Championships from 2023. The fuel is already in production with support from key stakeholders within F1 including the FIA, Aramco (an F1 Global Partner), fuel providers in the sport, the F1 teams and manufacturers



NET ZERO
2030