Over its 70 year history, F1 has pioneered numerous technologies and innovations that have positively contributed to society and helped to combat carbon emissions.

From ground-breaking aerodynamics to improved brake designs, the progress led by F1 teams has benefitted millions of cars on the road today. Few people know that the current hybrid power unit is the most efficient in the world, delivering more power using less fuel, and hence CO₂, than any other road car.

We believe that F1 can continue to be a pioneer for the auto industry, working with the energy and automotive sectors to deliver the world’s first net-zero carbon power unit, driving down carbon emissions across the globe.

In launching F1’s first-ever sustainability strategy, with an ambitious target to be a net zero carbon sport by 2030, we recognise the critical role that all organisations must play in tackling this global issue.

Leveraging the immense talent, passion and drive for innovation held by all members of the F1 community, we hope to make a significant positive impact on the environment and communities in which we operate.

Chase Carey, CEO of Formula 1®
F1 Sustainability

**COUNTDOWN TO ZERO**
Accelerate technologies that decarbonise the world

**BY 2030**
- Net zero carbon footprint from factory to flag
  - On the track: Net zero carbon powered race cars
  - On the move: Ultra efficient & low/zero carbon logistics & travel
  - Where we work: 100% renewably powered offices, facilities and factories
  - Balance to zero: Credible offsets and breakthrough CO2 sequestration programs

**POSITIVE RACE PRINT**
Leave a legacy of positive change wherever we race

**BY 2025**
- Every race to qualify as an F1 sustainable spectacle
- What we use: Sustainable materials with all waste re-used, recycled or composted
- To the race: Incentives and tools to offer every fan a greener way to reach the race
- Where you watch: Circuits and facilities that are better for fan wellbeing and nature
- With our hosts: Opportunities for local people and causes to get in on the action

Foundations
- Responsible sourcing
- Transparency & reporting
- Environmental compliance
- Health & wellbeing
Our goal is to systematically reduce the CO₂ emissions generated by our operations, events, logistics and race cars to Net Zero by 2030.
ON THE TRACK
Net Zero carbon, sustainably-fuelled, hybrid power units
MEASURE: KG net CO₂e* generated per litre of fuel used
/ Position F1 at the vanguard of the automotive sector, delivering the most powerful and efficient race cars on earth propelled by sustainably fuelled hybrid power units

ON THE MOVE
Ultra efficient & low/zero carbon logistics & travel
MEASURE: Tonnes CO₂e generated per kilometre
/ Maximise logistics and travel efficiency through process and volume optimisation and by using the least CO₂ intensive transport available

WHERE WE WORK
100% renewably powered facilities, factories and venues
MEASURE: % renewable electricity generated via PPA renewables
/ Transition to 100% renewable electricity at all F1 and team facilities and adopt net zero carbon technologies for HVAC** and mobile power

BALANCE TO ZERO
Credible biological and breakthrough technical carbon sequestration
MEASURE: Total tonnes of CO₂e captured through carbon sequestration
/ Fully offset unavoidable emissions through robust and verifiable biological and technical sequestration programmes

* Carbon dioxide equivalent
** Heating, Ventilation and Air Conditioning
Our mission is to leave a legacy of positive change wherever we race, enriching local communities and economies, and supporting the natural environment.

Every race to qualify as an F1 sustainable spectacle by 2025
WHAT WE USE

All event waste re-used, recycled or composted
MEASURE: % of waste by weight re-used, recycled or composted
% of materials that are recyclable or compostable
/ Use only recyclable or compostable materials (e.g. zero single-use plastic), and ensure that 100% of waste is re-used, recycled or composted

TO THE RACE

Incentives for fans to reach our events in a greener way
MEASURE: % of fans travelling by public transport, bike/foot or PHEV/EV
% of remaining emissions from travel offset
/ Enable fans to reach the race by lower/zero carbon transport methods or credibly offset emissions created by their travel

WHERE YOU WATCH

Circuits and facilities that improve wellbeing & biodiversity
MEASURE: % circuits with F1 approved fan wellbeing and biodiversity action plan
/ Prioritise fan wellbeing and the local environment by enhancing biodiversity, improving air quality and offering healthier food options

WITH OUR HOSTS

Opportunities for local people and causes to get involved
MEASURE: Balanced scorecard for local community engagement
/ Build partnerships that give local people greater access to our events and that drive positive benefits for local business and causes
F1 has undertaken a detailed carbon footprint analysis. For an entire race season, approximately 256,000 CO₂ equivalent tonnes are generated. By 2030 this will be net zero.
F1’s 2019 SCOPE 1, 2 & 3 FOOTPRINT WAS ESTIMATED TO BE 256,551 TONNES CO₂E

**POWER UNIT EMISSIONS**
0.7%

All emissions associated with the fuel usage of the power units across all 10 teams, at all 21 Grands Prix, and at pre-, mid- or post-season testing.

**EVENT OPERATIONS**
7.3%

All event impacts including broadcasting, support races, Paddock Club operations, circuit energy use, generator use & teams at circuit impacts (excluding Power Unit emissions).

**LOGISTICS**
45.0%

All road, air or sea logistics across the sport including the movement of teams equipment, F1 equipment, Paddock Club equipment and race tyres.

**FACILITIES AND FACTORIES**
19.3%

All F1 owned or operated offices or facilities, as well as all teams owned and operated offices, factories or facilities.

**BUSINESS TRAVEL**
27.7%

All individuals air and ground transportation, as well as hotels impact for all F1 Teams employees and employees of major event partners.
UNLEASH THE GREATEST RACING SPECTACLE ON THE PLANET