RACE FOR BETTER FUTURES







SEASON 7 SUSTAINABILITY REPORT 2020/2021



INDEX

01	ABOUT SEASON 7	3
02	STATEMENT BY OUR CEO	4
03	GOVERNANCE	5
04	SEASON 7 SNAPSHOT	4
05	SEASON 7 KEY ACHIEVEMENTS	5
06	SUSTAINABILITY STRATEGY AT FORMULA E	6
	LEADERSHIP AND INNOVATION	9
	ENVIRONMENTAL EXCELLENCE	19
	SOCIAL PROGRESS	26
	CREATING VALUE THROUGH VALUES	38

ABOUT THE ABB FIA FORMULA E CHAMPIONSHIP AND SEASON 7



The ABB FIA Formula E World Championship is the only all-electric World Championship certified by the Fédération Internationale de l'Automobile (FIA) and the fastest growing motorsport series on the planet.

Showcasing the very latest in sustainable mobility technology, Formula E has now completed seven seasons of racing in the centre of some of the world's most iconic cities.

Featuring a collective of world-class automotive manufacturers and brands and drivers of the highest skill level, the Season 7 on-track action left fans around the world gripped with excitement as Formula E's first World Champion was crowned.

Showcasing both Formula E's purpose and a sporting product that blends the real and virtual worlds to put fan engagement at its core, our new **Change. Accelerated. platform** inspires the next generation of socially conscious sports fans to tune in to this progressive new brand of racing and join its movement to accelerate positive change.

Throughout 2022 the ABB FIA Formula E World Championship will head to more new race locations and share our mission with more and more people around the globe. Season 8 promises to deliver ever-more competitive motor racing, top tier drivers pushed to their limits and an ever-stronger drive to protect the environment; the race for a better, cleaner future awaits.



STATEMENT BY CEO JAMIE REIGLE

As Season 7 comes to a close and I reflect on another challenging year, I'm extremely proud of what Formula E has achieved against a backdrop of the ongoing pandemic. As we move past the peak of the global health crisis, I'm acutely aware that it is collective, shared efforts that will help us protect our planet for future generations. At Formula E, this is something we prioritise above all else, which is why I was excited to be able to take our message of positive sustainability to the world leaders, climate experts and campaigners gathered at **COP26** in Glasgow in November.

Accelerating the adoption of electric mobility and renewable energy solutions is key to the climate challenge we face and something that is at the forefront of our development as a sport. I'm therefore thrilled that this season Formula E has become the only certified all-electric World Championship by the Fédération Internationale de l'Automobile (FIA). There is no doubt that automotive manufacturers, technology conglomerates and industry-leading

pioneers are prioritising sustainability and environmental considerations and over the past year we have continued to support them in their efforts.

Since Formula E's creation - just seven years ago - we have left a trail-blazing path of firsts and this year we have set the bar even higher by becoming the first sport in the world to join the Science Based Targets initiative (SBTi) and the Business Ambition Pledge for 1.5°C commitment. As part of this, we will be further reducing the Championship's emissions by 45% by 2030. I'm also delighted that over the last year the ABB FIA Formula E World Championship has continued to hold its status as Net Zero Carbon, which we've maintained since inception, as well as having our ISO 20121 certification renewed

Our sustainability mission extends beyond racing around the streets of the world's most iconic cities and this year we have entered into a long-term partnership with UNICEF's Safe and Healthy Environment Fund. Children around the world have contributed the least to the climate crisis we face but will be disproportionately impacted and we are working to support UNICEF in creating a sustainable, safe and clean environment for all children.

Our world continues to face environmental, social and economic challenges and Formula E has and will continue to ensure everything we do leaves positive, tangible legacies. As we look ahead to Season 8 and the full return of fans to all Formula E events I am excited at the prospect of once again using our unique global platform to champion our mission of fighting climate change. We hope to inspire communities around the world to believe that protecting our environment is not just a personal decision, but the only decision.

I look forward to welcoming you in our shared goals.

JAMIE REIGLE

Chief Executive Officer of Formula E

GOVERNANCE

With sustainability at the heart of Formula E, a strong governance structure is needed to deliver the Championship's founding purpose of creating better futures through racing.

BOARD LEVEL

THE BOARD

The Board has ultimate responsibility for decision-making related to sustainability at Formula E. The Board comprises of eight Non-Executive members.

DIVISION AND FUNCTION

CHIEF STRATEGY AND BUSINESS DEVELOPMENT OFFICER

Hannah Brown is responsible for leading and reviewing Formula E's strategic approach, activities, policies, reporting, management systems, community impacts and charitable impacts (among other duties) with support from the Sustainability Director. Hannah Brown reports directly to the Chief Executive Officer, who is accountable to the Board.

OPERATIONS

SUSTAINABILITY TEAM

The team is responsible for delivering on the strategic approach, which is to deliver events sustainably, leave positive impacts and a lasting legacy in the communities that host races and raise global awareness of the benefits of electric vehicles.

LOCAL TEAMS

The local teams are responsible for the implementation of Formula E's strategy on-site and are assisted by the sustainability team. Local teams bring the sustainability programme to life at events.

Our **sustainability policy** guides how we work and the actions we take to ensure our event is as sustainable as possible.



SEASON 7 SNAPSHOT



Season 7 proved to be the ABB FIA Formula E World Championship's biggest and most competitive campaign to date.

Formula E earned FIA World Championship status ahead of 2020/21, with 24 worldclass drivers and 12 teams fighting to be the first to secure World Championship honours. With a larger calendar than ever before, Formula E's COVID-19 protocols were frontand-centre throughout, with the series working closely with its host cities in order to stage a full, record 15-race calendar - all while prioritising the health and safety of the Championship's participants, staff and spectators.

In addition, Formula E continued to build on its efforts to highlight and tackle the most pressing issues facing society today, driving home its message of promoting sustainable mobility in the race for better futures.

SEASON 7 KEY ACHIEVEMENTS



Formula E becomes first sport to join the Science Based Targets initiative to tackle global warming: Formula E is committed to further reduce the Championship's emissions by 45% by 2030. This builds upon the Championship's leadership as the first sport to be certified net zero carbon emissions since its inception.

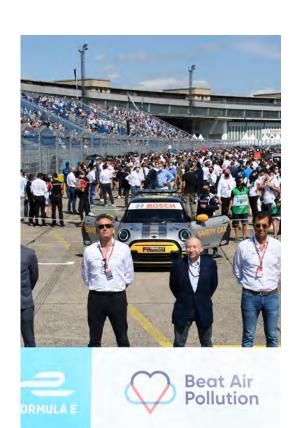


Partnering with UNICEF to support 3 million children in climate resilience:

Formula E is a global sports partner of UNICEF for the Safe and Healthy Environment Fund (SHE) which aims to create a sustainable, safe and clean environment for children thanks to programmes and policy actions.



UNFCCC Sports for Climate
Action: Formula E is a founding
member and signatory of
UNFCCC Sports for Climate
Action Framework to advance
and educate sustainability in
and through sports.



Partnering with the United
Nations Environment
Programme to advocate for
clean air: Partnered with UNEP
#BeatAirPollution campaign
with Formula E driver Lucas
di Grassi also taking a role
as UN Environment Clean Air
Advocate to raise awareness on
air quality.



First and only motorsport series to hold a certification for sustainable events (ISO 20121): Third-party recognition for setting the international standard for sustainability in events, awarded by independent accreditation body SGS.

SEASON 7 KEY ACHIEVEMENTS



Ensuring all car parts are recycled at the end of life: Formula E is working with its partners to ensure 100% of tyres, batteries and broken chassis are recycled after use.



Powering the cars by 100% green energy: Formula E has implemented a new sustainable fuel in its operations - Hydrogenated Vegetable Oil (essentially waste cooking oil) to power all the cars in Season 7.



Phasing out single-use plastics from races: Setting up hydration stations on-site and handing out reusable water pouches to staff, spectators and fans resulted in saving over 300,000 330ml single-use plastic bottles from being disposed of since Season 5.



Positively impacting almost 40,000 people: This includes
18,200 children over the
last three seasons through
our community engagement
programme.



Promoting women's
participation in motorsport:
Through the FIA grassroots
programme Girls on Track,
Formula E has hosted over
1,500 young women on site
since Season 5.

SUSTAINABILITY STRATEGY

At the start of Season 7 Formula E developed a new sustainability strategy to maintain our leadership in sustainable human progress and continue to deliver better futures through the power of electric racing.

LEADERSHIP AND INNOVATION



To reinforce our leadership, brand reputation and credibility through the adoption of the best internationally recognised standards for sustainable event management and environmental excellence in sporting events.

2 ENVIRONMENTAL EXCELLENCE



To implement the United Nations
Sustainable Development Goals within our
environmental strategy and align our carbon
emissions with climate science.

3 SOCIAL PROGRESS



To build more inclusive, resilient and diverse communities within our host cities through the implementation of our strategic engagement plan.

CREATING VALUE THROUGH VALUES



To enhance our Teams and Partners' brand visibility and reputation by developing bespoke sustainability campaigns and activations.



LEADERSHIP AND INNOVATION

With the championship the first sport to be founded with purpose at its core, Formula E continues to lead the way in accelerating sustainable human progress through the power of electric racing. The series acts as a unique and innovative platform to showcase sustainable lifestyles.



UN CLIMATE CHANGE CONFERENCE UK 2021

COP₂₆

IN PARTNERSHIP WITH ITALY

This year, Formula E took the opportunity to bring our message of positive sustainability to the most significant climate event since the 2015 Paris Agreement, COP26, hosted by the UK.

With the aim of inspiring the world to tackle climate change through the transition to clean energy and road transport, we used the power of our ecosystem of brands (through our teams, manufacturers and partners) to set up and showcase **Change.Accelerated.** Accelerating sustainable human progress through the power of electric racing. With a wide-ranging audience in attendance at COP26 - from world leaders, climate experts and campaigners, to the general public - it was the ideal forum to take our message.

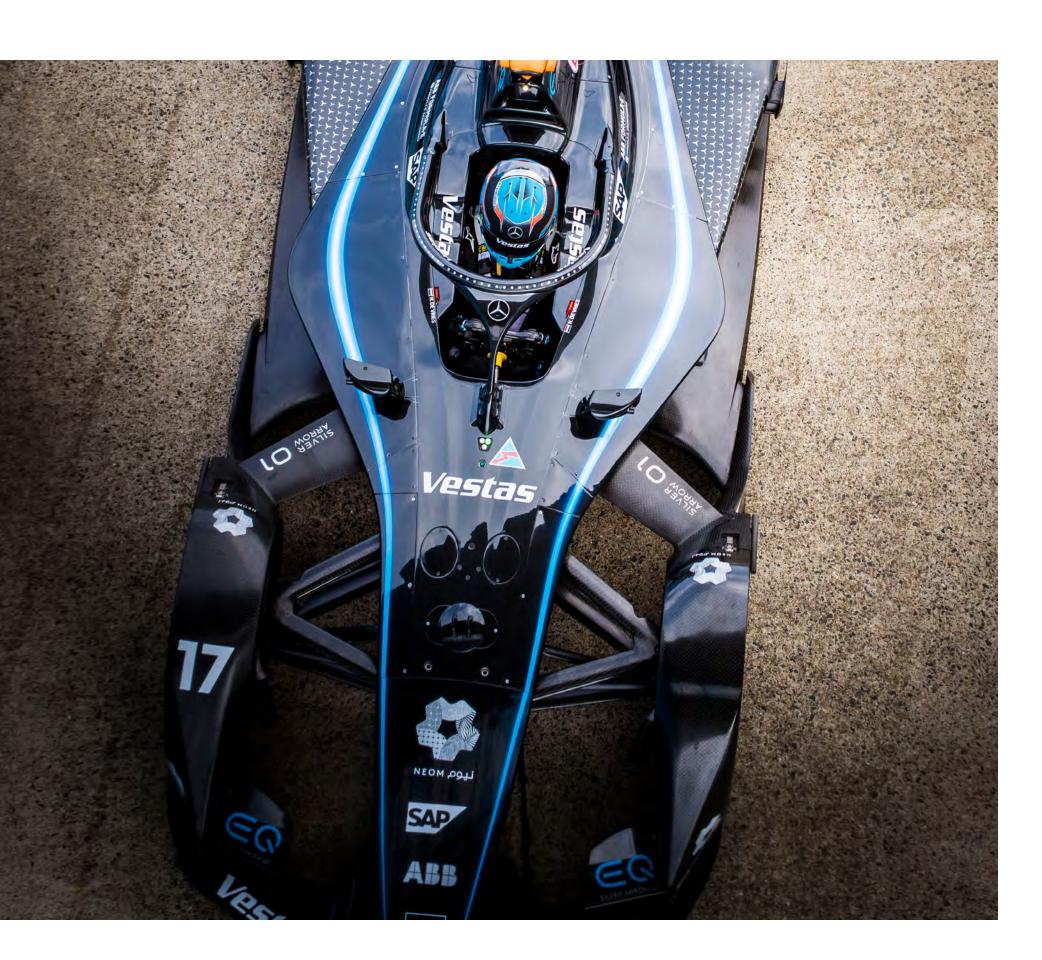
Attendees were able to learn about the origin and purpose of the fully electric racing series, hear from our ecosystem on why they came on board, as well as understand our current impacts in driving tangible change and the future vision of our sport.

This activation was underpinned by significant sustainability achievements announced on the road to COP26, demonstrating how Formula E continues to set the agenda for sport as a catalyst for change and a pioneer in the industry. This includes: becoming the first sport to be net zero carbon from inception, signing up to certified Science-based Targets and achieving third party ISO 20121 certification.

Using our leadership position within electric mobility, we strive to use our voice to inspire and excite positive change.









UNFCCC

The United Nations Framework
Convention on Climate
Change (UNFCCC) Sports for
Climate Action programme was
developed to work towards two
overarching goals:

- Achieving a clear trajectory for the global sports community to combat climate change through commitments and partnerships according to verified standards, including measuring, reducing, and reporting greenhouse gas emissions, in-line with the Paris Agreement
- Using sports as a unifying tool to federate and create solidarity among global citizens for climate action

As one of the first signatories to this agreement, Formula E has committed to measuring, reducing, and reporting greenhouse gas emissions, in-line with science-based targets and to adhere to the following five principles:

- **1.** Undertake systematic efforts to promote greater environmental responsibility
- **2.** Reduce our overall climate impact
- 3. Educate for climate action
- **4.** Promote sustainable and responsible consumption
- **5.** Advocate for climate action through communication

Read more about Formula E's progress against this framework so far **CLICK HERE**



ISO 20121

The ABB FIA Formula E World Championship became the first motorsport Championship to achieve independent ISO20121 certification for sustainable events in Season 4 and has been successfully re-certified in Season 7. Third-party verified through external accreditation body SGS, this certification entails annual internal and external audits of select races to ensure they meet the requirements.

"Formula E has been embedding sustainability season-on-season - exploring new initiatives, engaging with local communities and suppliers, and applying robust impact assessments," said Ana Inacio, SGS Auditor. "It is taking the lead in sustainable motorsports and setting a new benchmark for the industry."

This certification helps us to manage our events in a sustainable way, promoting social inclusivity, economic prosperity and environmental protection. Annual monitoring keeps us competitive and committed to challenging business as usual, and three specific objectives help to keep us on track:



ENGAGING WITH LOCAL COMMUNITIES

We engage with our local communities in order to build acceptance, consent and support for our events and message. Our efforts are tailored to each race city to ensure we meet the needs of key stakeholder groups and local charities.



COLLABORATING WITH OUR SUPPLY CHAIN

Working towards shared goals together with our suppliers strengthens relationships and reduces emissions. We are continually looking to improve through innovation and dedication to using more sustainable products and services.



MONITORING AND MEASURING OUR IMPACTS

After each season we calculate our total carbon footprint and publish a sustainability report. Our reporting covers a number of environmental, economic and social categories and enables us to focus on making improvements where it matters most.



FIA Environmental Accreditation Programme

The FIA Environmental Accreditation Programme aims to help motorsport and mobility stakeholders worldwide measure and enhance their environmental performance. By introducing clear and consistent environmental management into motorsport and mobility, it provides stakeholders with a three-level framework against which to accredit their activities.

We were the first Championship to be awarded FIA's Environmental Accreditation at three-star level and successfully renewed this for the third time in a row in November 2020.

From Season 9 the FIA Environmental Accreditation will be mandatory for all teams. Several teams have already achieved this, including:



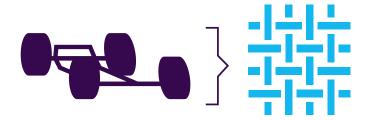


GEN2

CHASSIS

The end of Season 7 saw the introduction of a new recycling solution for broken car parts from races. This new milestone, achieved with support from our new partner Gen2 Carbon, reaffirms Formula E's position as a pioneer in sustainability of motorsports. The damaged chassis, which have been collected from cars as early as Season 1, are given a second life in the form of non-woven products such as fabrics and thermoplastics.

We use the most efficient modes of freight available to the Championship in order to transport the broken parts back to our UK Headquarters in Derbyshire. Sea freight (using bio-fuels) is the most commonly used method, with specific space secured in a container that travels to each racing venue. At the end of the Championship season, the parts are delivered to our warehouse in Donington Park where the recycling process begins.



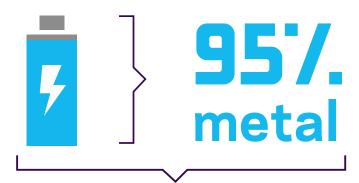
BATTERIES

All Formula E car batteries are given a second life after use.

Cooperation with industry partner
Umicore on GEN1 batteries recycling
allowed for opening up and extending the
end-of-life options and recovering cells
with remaining residual power.

Over 95% of metals are extracted via this process and over 60% can be recycled.

All Season 7 batteries are in use by teams for their promotional day activities until Season 8 starts. They are then collected and will be held by the supplier - McLaren - to support ongoing use of the Gen2 cars for show purposes and potential second life motorsport usage.





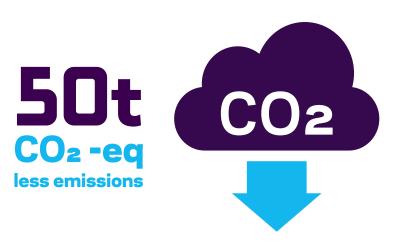
TYRES

Starting in Season 7, tyre allocation was reduced by 25% per single-race competition and by up to 50% at double-header competitions. Based on the Season 5 calendar and comparing to the previous allocation, this could potentially see savings of 720 tyres with 50 t CO_2 -eq less emissions produced, which is a 29% reduction in the overall impact of the tyres.

We recycle 100% of our Michelin racing tyres after use, we use just one type of hybrid (engineered for any weather or surface) tyre per season and only two sets of tyres per race per car, which is 30-50% less tyres transported.

After each event, all of our tyres go back to the warehouse and they're recycled," said Mirko
Perracchio, Michelin
Motorsport's Formula E
Manager. "They can be used in cement plants as a replacement for fossil fuels, or as various forms of indoor and outdoor floors."







GEN3

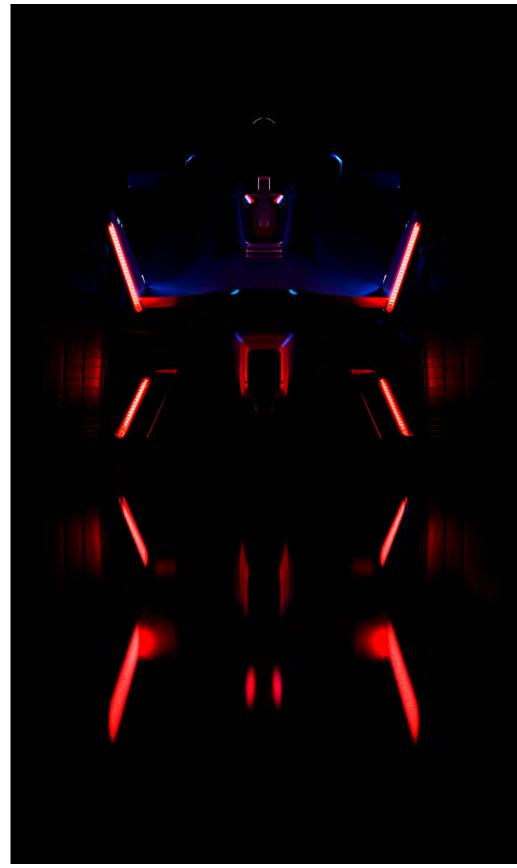
The benchmark for sustainability in high performance racing cars

The ABB FIA Formula E World Championship creates an environment where high performance and sustainability powerfully co-exist. Leading experts in sustainability at the FIA and Formula E worked closely with engineers throughout the development process to ensure the Gen3 sets the benchmark for sustainability in high performance racing cars.

The Gen3 is the first formula car aligned to Life Cycle Thinking with a clear path towards second life and end of life for all tyres, broken parts and battery cells. In addition:

- The Gen3 will be net-zero carbon, maintaining the Championship's status as the first sport to be certified as net-zero carbon since inception.
- All carbon fibre broken parts will be recycled by an innovative process from the aviation and aerospace industry into new fibres reusable for other applications.
- A pioneering process will deliver 26% sustainable materials into the composition of tyres.
- The Gen3 is powered by electric motors that are substantially more efficient than Internal Combustion Engines (ICEs) as they can convert over 90% of the electrical energy into mechanical energy (motion) compared to approximately 40% in high efficiency ICEs.
- All suppliers are held to strict sustainability KPIs, notably achieving FIA 3* Environmental Accreditation certification by Season 9.





RE100 and EV100

°CLIMATE GROUP

Our partnership with Climate Group presents a shared drive to accelerate climate action. In Season 4, Climate Group became a Foundation Partner of Formula E to signify our joint vision for a world of prosperous 'net-zero' emission economies and thriving, sustainable societies. Through this partnership, we are involved in two of their initiatives:

RE100

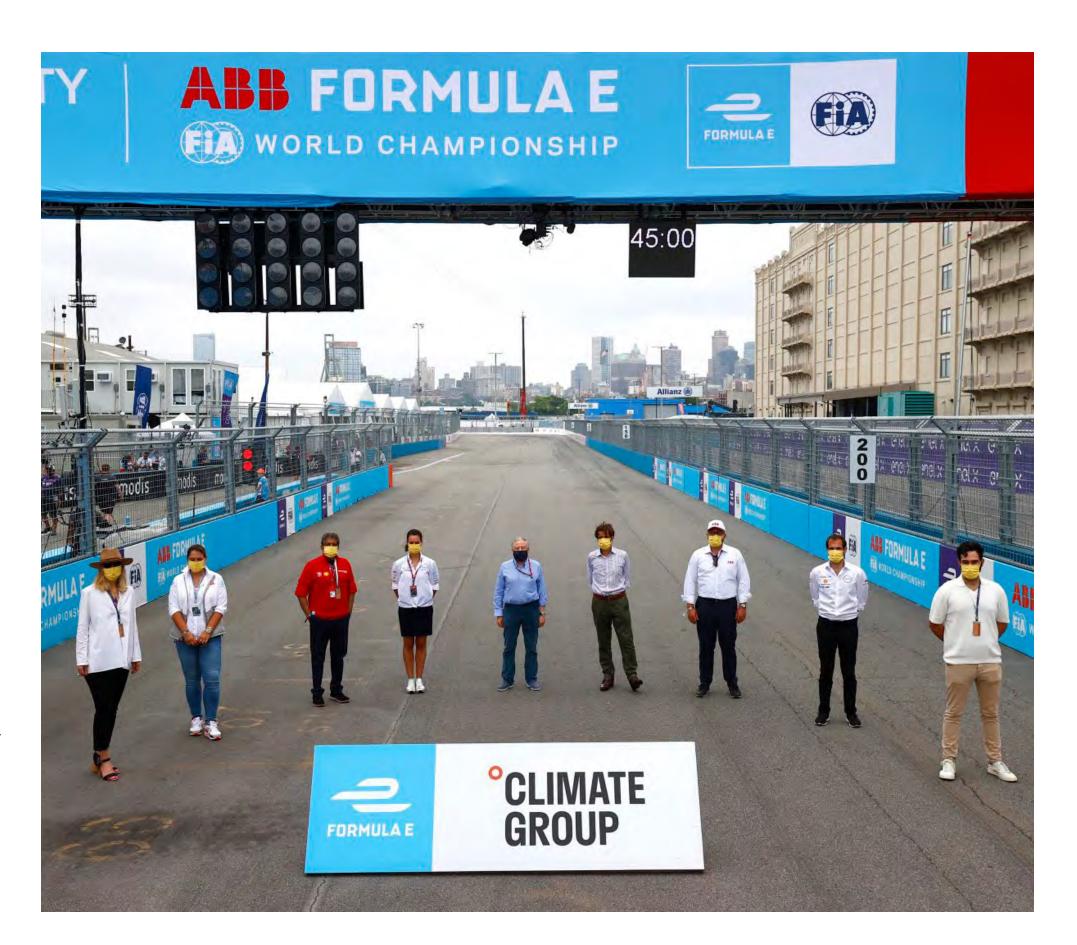
Formula E is working towards a 100% renewable energy target and is a signatory of Climate Group's RE100 campaign to show commitment in achieving this.

EV100

As an official ambassador of Climate Group's EV100 programme, Formula E is part of a global initiative to bring together pioneering companies committed to accelerating the transition to electric vehicles.

Key moments in our partnership so far include:

- Launching the Zero Emission Vehicle Challenge in July 2018 as a global initiative to amplify the world's business, state and city purchasing power in a large-scale push for a zero-emission vehicle future.
- The introduction of the Climate Champion award at our end of season Awards Gala in July 2019, which recognises efforts in advancing the fight against climate change with ambition, innovation and pace within the Formula E ecosystem.



Prince Albert II of Monaco Foundation (PAMF)



Relationships with our international foundation partners are the tyres that move our work forward. We reach global audiences with positive innovations for a better future through our international partner, Prince Albert II of Monaco Foundation. The Foundation supports our role as a sports platform fighting climate change and as an innovator in the future of sustainable mobility.



"Formula E is a way to change the world, to help it progress, by advancing differently. Indeed, more than ever before we need to advance differently. At a time when our planet is in danger, when global warming is disrupting its natural balance, and above all, the use of fossil fuels is directly responsible for this situation, we have dire need of a radical change. I believe sincerely, profoundly, that Formula E can be one of the vectors of this change."

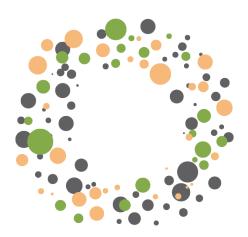
HSH Prince Albert II of Monacoduring the Monaco
E-Prix Gala Dinner

PAMF - The Prince Albert II of Monaco Foundation works to protect the environment and promote sustainable development. Active at an international level, the Foundation focuses its actions on three main areas: limiting the effects of climate change and promoting renewable energies, preserving biodiversity, managing water resources and combating desertification.

Sport and Sustainability International (SandSI)

Formula E is one of the founding members of SandSI, sharing the ambition to use its leadership position in sports sustainability to drive a positive change within the industry.

Formula E has contributed to the creation of the recently formed Air Quality & Sport Working Group within SandSI, a coalition of international sports organisations dedicated to solving air quality issues that impact sport globally.



SandSI

SandSI is a Swiss based not-for-profit organisation founded in 2017 by some of the world's leading sports and sustainability experts. With a membership base comprised of 235 organisations and individuals representing 40+ nations, SandSI's mission is to leverage the influence of sport to protect people and the planet with a clear goal: advancing sustainability in and through sports.



2 ENVIRONMENTAL EXCELLENCE

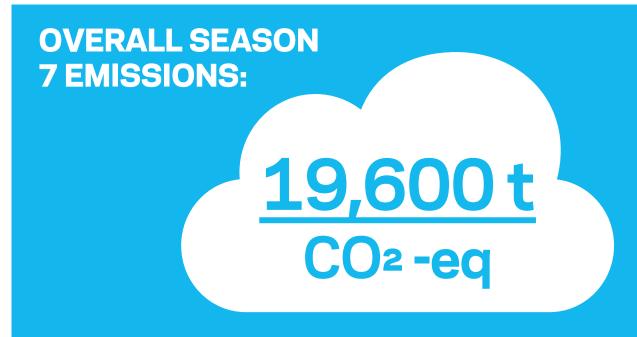
As the planet's favourite sport, Formula E is not only the first to achieve a Net Zero Carbon footprint from inception, but also to set approved Science-based targets to reduce the championships emissions and maintain third-party ISO 20121 Sustainable Events certification. Formula E are continuing to lead the way in driving climate action in elite sport and minimising their environmental impacts overall.

CARBON MANAGEMENT

MEASURE

Since its inaugural season, Formula E has worked with carbon footprint experts Quantis to carry out a lifecycle assessment, which is used to monitor and calculate the Championship's carbon footprint.

A lifecycle assessment is a tool used to holistically assess the environmental, social and economic impacts of the entire Championship. Formula E monitors these impacts each race and reports them each season in order to identify opportunities to make further improvements in operations and planning.



versus 20,000 t CO2 -eq in Season 6

A far more significant reduction than meets the eye:

While the COVID-19 pandemic has impacted the last two seasons, reducing our total emissions significantly, Formula E has still been able to make a considerable impact in reducing overall emissions in Season 7 versus Season 6 despite a significant increase in the number of races and locations.

SEASON 6



1,800 t CO₂ -eq / race



SEASON 7

1,300 t CO₂ -eq / race

Cities

t CO₂ -eq

per race



5 cities



8 cities

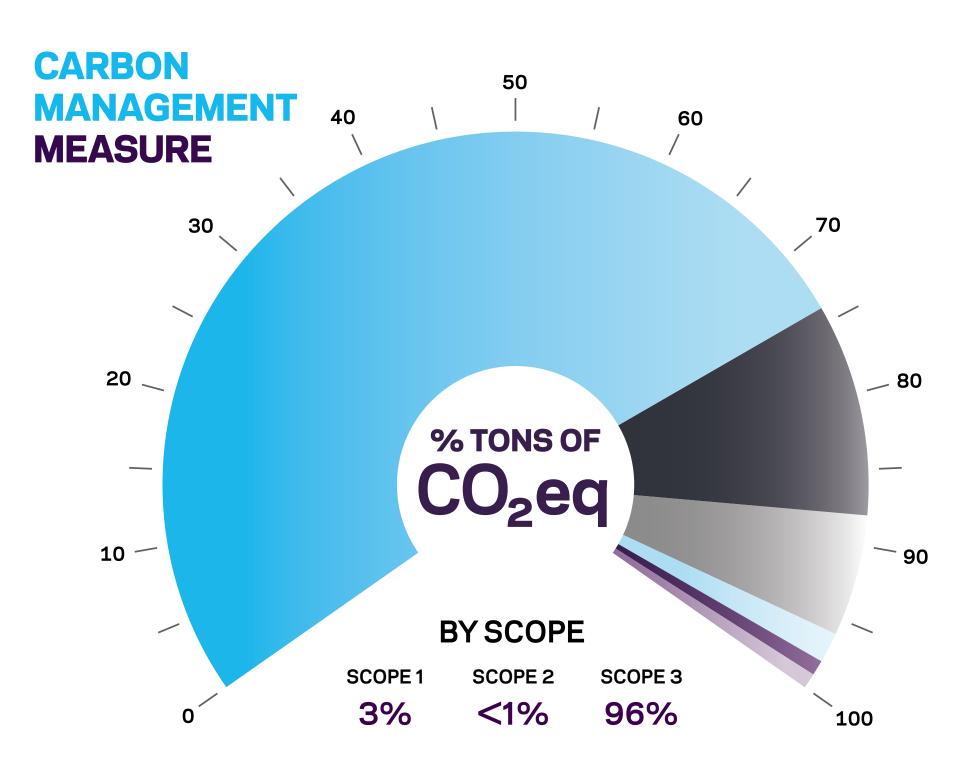
Races



11 races



15 races



SCOPE 1 & 2 EMISSIONS

All energy used and purchased at our headquarters and events has come down in real terms in Season 7 by more than 10%. Formula E attributes this decrease, despite the increase in races, to many measures put in place to reduce emissions, including optimising the race calendar to minimise long distance and air travel. The reduction in Scope 1 & 2 emissions in Season 7 also aligns with our commitment to reduce Scope 1 & 2 emissions by 50% by 2030 compared to a base year of Season 5.



74% FREIGHT

The freighting of cars and equipment is our most significant source of emissions and despite the larger race calendar in Season 7, there was only a marginal (100 tons CO_2 eq.) increase in total emissions. Switching to biofuels for road and sea freight helped achieve this.



13% STAFF TRAVEL

In Season 7 our emissions from staff travel was lower than in Season 6, despite the larger race calendar.



8% OPERATIONS

Emissions from our headquarters and race events was marginally higher in Season 7 than Season 6 despite the larger race calendar. Formula E attributes much of this improvement to the fact that many races took place in cities where electricity supply was from the grid, reducing the use of fuel powered generators but also the conscious shift to renewable energy.



2% FOOD AND DRINKS

Emissions from food and drinks at our race events was marginally lower due primarily to the reduced number of spectators as a result of the pandemic.



1% SPECTATOR TRAVEL

Emissions from spectator travel will continue to be low thanks to our race events taking place in major cities. In Season 7, total emissions due to spectator travel was marginally lower also due to the reduced number of spectators as a result of the pandemic.



1% CAR

Emissions related to the cars and battery are the same as from Season 6 but even so we continue to introduce improvements to reduce this further.



DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

CARBON MANAGEMENT

REDUCE

Formula E continues to make progress in reducing its emissions and in Season 7 announced it is the first sport to join the Science Based Targets initiative (SBTi) by setting science-based targets consistent with limiting warming to 1.5°C, the most ambitious goal of the Paris Agreement.

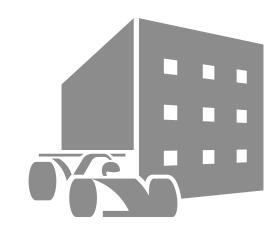
With this, Formula E has committed to cutting the Championship's emissions by 45% by 2030 compared to a baseline of Season 5 (2019).

FORMULA E HAS COMMITTED TO NEW SCIENCE BASED TARGETS ENDORSED BY THE SBTi

SCOPE 1 & 2

GHG EMISSIONS

(all energy used and purchased at our HQ and events)





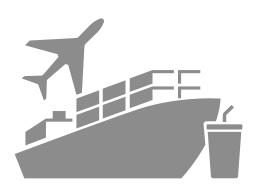
2015 ← 2030



SCOPE 3

GHG EMISSIONS

(all other emissions including freight, business travel, food and beverages etc.)





2015 **←** 2030

-27.5% by 2030*

*From Season 5 (2019) baseline

CARBON MANAGEMENT REDUCE

Formula E is working towards a 100% renewable energy target and is a signatory of RE100 from The Climate Group to show commitment in achieving this. We have set out a roadmap which prioritises not only high-quality power to our events, but significant changes and enhancements to reduce the footprint with the aim of achieving a sustainable event. Some of the measures include:



FREIGHT

With freight having the largest impact on the carbon footprint of the Championship, new ways of reducing freight impacts together with the Official Logistics Partner, DHL, are being assessed.

Formula E freight consists of 300 tonnes of equipment travelling between race locations. In Season 7 we worked closely with race teams and Formula E internal departments to reduce this amount which resulted in reductions of around 30 tonnes. Looking into Season 8 and beyond, we are working on solutions to use more sea freight instead of air, which will lead to further emissions reductions.



STAFF TRAVEL

To reduce this, a sustainable travel policy has been created which incorporates staff travel measures to reduce their impact such as ensuring only race critical staff attend the races, that travel by train is prioritised over air, that shuttles are only arranged when the site isn't within walking distance and to prioritise electric/hybrid vehicles with ground transportation companies.



SPECTATOR TRAVEL

Being a spectator to our events, the footprint related to both food and beverage and transport is offset within Formula E's overall Net Zero Carbon strategy. We do not advertise parking for spectators and encourage public or sustainable transport through pre-event communications.



CARS

From Season 5, Formula E, in conjunction with teams and suppliers, assessed the environmental impact of the Gen2 cars and integrated this into the Lifecycle Assessment to incorporate the entire lifecycle of our cars.



BATTERIES

We have worked with industry experts to open up and extend the end-of-life options and recovering cells with remaining residual power. Over 95% of metals are extracted via this process and over 60% can be recycled. We are looking into second life options for our Gen2 batteries.



TYRES

We use only one type of Michelin hybrid racing tyre each season (any weather, any pavement) and only two sets of tyres are permitted per race for each car, resulting in 30-50% fewer tyres transported to our races, and 100% are recycled by Michelin after use.

From Season 5, Formula E, in conjunction with teams and suppliers, assessed the environmental impact of the Gen2 cars and integrated this into the Lifecycle Assessment to incorporate the entire lifecycle of our cars.

CARBON MANAGEMENT OFFSET

As in previous years and following the UN recommended approach, the final stage was to offset the unavoidable emissions from past seasons through investments in Gold Standard, Verified Carbon Standard and Clean Development Mechanism projects.

Ultimately, the Championship's footprint reduction initiatives help ensure that Formula E is able to operate at the lowest possible level of unavoidable emissions.

The series has then directed efforts towards offsetting these emissions with sustainable projects that will not only benefit the local economies and societies in our race locations, but also help to bring down global CO₂ emissions – making a broader, positive change.

Unavoidable emissions from the past seasons have all been offset through investment exclusively in projects certified according to the strict requirements of the Verified Carbon Standard, the Clean Development Mechanism and/or the Gold Standard, which all follow the regulations outlined in the Kyoto Protocol by the UN Climate Change Secretariat.

While Formula E has invested in many offsetting projects around the world contributing to both emissions savings as well as giving back into the local communities and countries, in Europe, Formula E has invested in "Guarantees of Origin" (GO) renewable energy certificates in our European host city nations, supporting them in the most locally appropriate way and driving the demand for renewable energy sources across the whole of Europe.

To read more about the environmental and social benefits of other emissions offsetting projects, see pages 27 to 29 in this report.

CLIMATE NOW

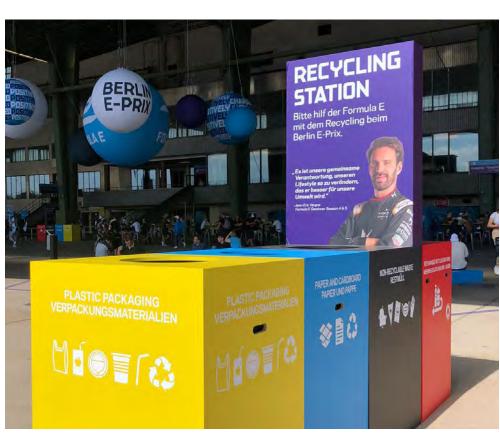


CARBON MANAGEMENT REDUCE



WASTE MANAGEMENT AND RECYCLING

We strive to manage our events in a sustainable way with a continued focus on waste reduction, management, recycling and disposal. We ensure that our waste management on site matches the local infrastructure of our host cities and includes local languages as well as English. On average, 52% of our waste is recycled globally and over 90% in the EU and U.S. Various initiatives are launched on site to help educate and raise awareness of recycling including Recycling Rangers who are located around areas of high footfall, educating teams, staff and spectators to maximise recycling.





We also strive to ensure we optimise our water consumption on site where possible and provide free water and reusable pouches to Spectators to reduce single-use plastics on site. More than 32,000 litres of water were distributed via our Allianz Hydration Stations in the e-Village since Season 5, saving the equivalent of more than 300,000 330ml single-use plastic bottles from being transported to events and disposed of after use.





Formula E strives to effectively engage with our supply chain to ensure it is maximizing the positive impact the Championship can have through procurement practices. Sustainability is embedded throughout the entire process from the initial invitation to tender, with the Sustainable Procurement Policy, to robust assessments on-site and an evaluation of performance post-race to ensure our suppliers continue to maintain high environmental and social standards in line with what Formula E strives to meet.





5 SOCIAL PROGRESS

Through community outreach projects and engagement activities, Formula E looks to build more inclusive, resilient and diverse communities within host cities. This commitment includes a promise to nurture a culture of inclusivity, champion diversity in all its forms and create opportunities for under-represented groups in our sport.



UNICEF

Through our partnership with UNICEF, we are committed to creating a safe, clean, healthy and sustainable environment for children, to contribute to a better world for future generations, as well as to provide children with the tools to reach their full potential. Building on the success of the 2020 partnership with UNICEF to fight the effects of coronavirus, in April 2021, we launched a new partnership to support 3 million children over 3 years.

Formula E is supporting the UNICEF Safe and Healthy Environment fund, and this is anchored around 4 pillars:

- Make children a focus of environmental strategies
- Empower children as agents of change
- Protect children from impacts
- Reduce emissions and pollution

Some example programmes include:

- In Nepal, UNICEF is training local manufacturers to make eco cooking stoves and is planting trees at schools and healthcare facilities.
- In Cote d'Ivoire, UNICEF is helping to convert mountains of plastic waste into bricks to build classrooms.
- In Zimbabwe, UNICEF is helping to install solar powered water systems to sustainably supply children with clean water.
- In Bolivia, UNICEF is investing in education to strengthen young people's role as drivers of solutions to climate change.
- In East and Southern Africa, UNICEF is providing solar panels to power lighting in remote rural areas.





Some of the highlight events from our partnership with UNICEF in Season 7 included:

- Launch of our Commitment in Rome with among other events, a Formula E driver and youth virtual discussion on climate change, hosted by UNICEF Italy.
- World Environment Day activities in Mexico including the launch of the top line plan of climate resilient schools' programme and the Hero Film shown across BOSS|EMOTION Club and Grandstand Screens at the race.
- UNICEF USA campus club visited the race and created a video diary promoting the partnership and UNICEF's climate work and posted across UUSA's and FE social channels aligned with the New York City race.
- At the London race, a live Climate panel discussion hosted by UNICEF UK Supporter Cel Spellman with UNICEF's youth advisory board and the Formula E CEO. The event also included a speech by Gordan Glick, Deputy Executive Director of Partnerships and Philanthropy, UNICEF UK.

UN ENVIRONMENT PROGRAMME (UNEP)

Following three successful years of campaigning to raise awareness of the problems of air pollution and the benefits of electric mobility, Formula E renewed its partnership with the United Nations Environment Programme in Season 7. Together with UNEP, Formula E continues to raise awareness of the detrimental impact of air pollution and empower individuals, governments and private companies to take part in the fight to #BeatAirPollution.

Through the Championship, we raise awareness on urban air pollution and the benefits of electric mobility as we race in the heart of some of the world's most iconic cities across five continents. In addition, Brazilian Formula E driver Lucas di Grassi was named the UN Environment Programme Clean Air Advocate.





WE ARE AT A CRITICAL POINT IN OUR HISTORY

Seven million people die from air pollution every year, making it the greatest environmental threat to health today. Urban air pollution is increasing by eight per cent every five years, and none of the 100 largest cities in the world meet the new World Health Organisation's air pollution guidance, and the United Nations' Sixth Global Environmental Outlook predicts that air pollution will likely worsen due to rapid development and urbanisation. The global transport sector accounts for almost a quarter of energy-related carbon dioxide emissions.

Air pollution emissions from transport have been linked to nearly 400,000 premature deaths. Almost half of all deaths by air pollution from transport are caused by diesel emissions, while those living closest to major traffic arteries are up to 12 per cent more likely to be diagnosed with dementia.



SOCIAL BENEFITS OF NET ZERO CARBON PROJECTS

The Championship's footprint reduction initiatives helps ensure that Formula E is able to operate at the lowest possible level of unavoidable emissions. The series has then directed efforts towards offsetting these emissions with sustainable projects that will not only benefit the local economies and societies in our race locations, but also help to bring down global CO₂ emissions – making a broader, positive change.

We make sure to target our focus on the regions that have hosted Formula E races to maximise the benefits for our host locations, carefully selecting initiatives based on their social and/or ecological contributions. From biogas energy generation in China, to landfill gas energy generation in Mexico and wind power energy generation in Morocco, the impact of these projects reaches far beyond the environmental benefits.

Each initiative Formula E has invested in contributes to society through a mixture of local employment, local air quality improvement or infrastructure development.

They advance the work of Formula E's purpose to leave behind a positive legacy in its race host nations and beyond and contribute to our **#PositivelyCharged** commitment to create better futures through racing.



SOCIAL BENEFITS OF NET ZERO CARBON

PROJECTS

ARGENTINA

WIND ENERGY

Installation and operation of two wind power plants with a combined total installed capacity of 77.4 MW displacing fossil fuel energy production and providing electricity directly into the national grid at a scale not seen before in this country, helping contribute to national sustainable development.

IMPACT Saves approximately 189,429 tonnes of CO₂ annually; increases the potential for commercial and industrial activities in the local area; Contributes to 5 out of the 17 UN Sustainable Development Goals (SDGs) (3, 7, 8, 9, 13).

CHILE





The Los Colorados project captures and converts the methane gas produced by the landfill to be used in generators to produce electricity and improves site safety through capturing and flaring of additional gases. Accordingly, the site is now considered to be the biggest and most modernised landfill operation in Chile.

IMPACT Saves approximately 1,317,418 tonnes of CO₂ annually; contributes directly to 5 of the 17 UN Sustainable Development Goals (SDGs) (3, 7, 9, 11, 13).

SANTA MARIA

LANDIFLL GAS

The Santa Marta landfill site is one of the most important for the region. The project uses state of the art gas collection technology to produce renewable, clean energy. The energy produced at the site is used to power the landfill and the excess is delivered directly to the national grid.

IMPACT Saves approximately 348,323 tonnes of CO₂ annually; contributes directly to 6 of the 17 UN Sustainable Development Goals (SDGs) (3, 4, 7, 8, 9, 13).

CHINA

HAINAN PROVINCE

BIOGAS

Home to the Sanya E-Prix, Hainan province is the location for this Gold Standard (GS) rural methane recovery and combustion project, which is helping the region to transition from relying on fossil fuels for energy production to generating their own renewable biogas. The project aims to help farmers in 20 provincial townships to build anaerobic digesters for degrading organic waste, including pig manure, into biogas. The project reduces greenhouse gas (GHG) emissions in two ways; firstly, by changing manure management processes it can prevent harmful methane (CH4) emissions into the atmosphere and secondly, the biogas can be used in place of the coal previously depended upon for household heating and cooking.

IMPACT Saves approximately 53,000 tonnes of CO₂ annually; contributes to 6 of the 17 UN Sustainable Development Goals (SDGs) (1, 3, 7, 8, 12, 13).

MALAYSIA

LANDFILL GAS



Located within 65km of both central Putrajaya and Kuala Lumpur, the landfill site receives urban waste from Kuala Lumpur, with the aim to capture and utilise the landfill gas emissions released as the waste decomposes. At the local level this removes some of the harmful toxins from the air, reduces the risk of fire and explosions at the site and significantly improves the working conditions on site. The emissions are used for generating power, which can then be sold on to the grid and reduces the burden on fossil fuels.

IMPACT Saves approximately 276,630 tonnes annually; contributes to 5 of the 17 UN Sustainable Development Goals (SDGs) (3, 7, 8, 12, 13).





















SOCIAL BENEFITS OF NET ZERO CARBON

PROJECTS

MEXICO

LANDFILL GAS



IMPACT Saves approximately 170,499 tonnes of CO₂ emissions annually; contributes to 6 of the 17 UN Sustainable Development Goals (SDGs) (1, 3, 7, 8, 12, 13).

FERTINAL NITROUS OXIDE ABATEMENT PROJECT

Mexican agriculture is an important source of greenhouse gases, mainly nitrous oxide N2O, which represents 50.4% of the emissions of the sector. The project deploys a new, environmentally clean technology to Mexico to reduce the current emissions of N2O, from the production of nitric acid at the Fertinal Complex in Lázaro Cárdenas, Michoacán, Mexico.

IMPACT Saves approximately 1,753,350 tonnes of CO₂ emissions annually and contributes to 3 of the 17 UN Sustainable Development Goals (SDGs) (3, 8, 13).

MOROCCO

WIND ENERGY

located in Tangier-Tetouan in northern Morocco, the 40-turbine wind farm has a total installed capacity of 120MW. The electrical energy generated by this site is used to substitute energy currently supplied by fossil fuels to contribute to the expansion of wind power in Morocco as part of the national strategy for renewable energy development while also generating employment in the local area.

IMPACT Saves approximately 34,439 tonnes of CO₂ emissions annually; generates employment in the local area; helps reduce the dependence on imported fossil fuels; contributes to 3 of the UN Sustainable Development Goals (SDGs) (7, 8, 13).

URUGUAY

WIND ENERGY

Formula E has supported the implementation and operation of a 25-turbine wind power plant in the south east of the country. The plant has a total installed capacity of 50MW, which directly supplies the national grid.

IMPACT Saves approximately
121,843 tonnes of CO₂ emissions
annually; contributes to 4 out of the
17 UN Sustainable Development Goals
(SDGs) (7, 8, 9, 13)

USA

SOUTH CAROLINA

LANDFILL GAS

The project is working to reduce the quantity and impact of harmful landfill gas emissions at a Municipal Solid Waste landfill site in South Carolina.

IMPACT Saves approximately 75,977 tonnes of CO₂ emissions annually; contributes to 5 of the 17 Sustainable Development Goals (SDGs) (3, 7, 9, 11, 13).



















SUMMARY OF KEY SOCIAL HIGHLIGHTS FROM SEASON 7

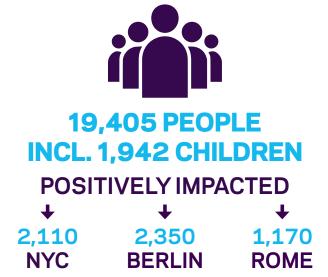
















SUMMARY OF RACE HIGHLIGHTS



DIRIYAH E-PRIX

- Partnership with the Charitable Society of Autism Families
- 100 goodie bags with Formula E merchandise donated to the children in the charity's care
- #PositivelyCharged Grid Moment photo opportunity raising awareness of the cause
- Donation of 100 passes to virtual VIP hospitality
- Engagement with Society's pupils



ROME E-PRIX

- 15 students were hosted on-site and built electric karts as part of a school project
- 350 students participated in Education modules in Genova and Palermo aimed at raising understanding of issues such as sustainability and electric mobility
- Formula E started the restoration of a 500 square metre playground located near the track with the use of recycled materials



VALENCIA E-PRIX

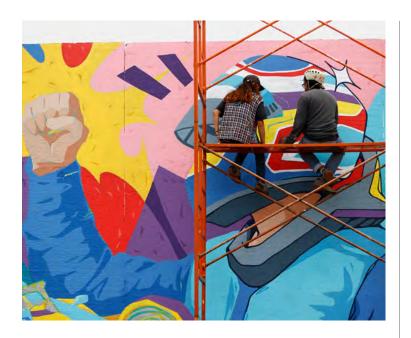
- Celebrating diversity Nerea Marti, a local female race driver was invited to experience a GEN2 car on the Formula E race circuit
- DHL GoGreen Grandstand legacy –
 400 olive trees were placed on the grandstands during the event and donated to the circuit post-race
- UNEP partnership re-launched on April 22nd (Earth Day) & amplified by social assets, a web story and a #PositivelyCharged Grid Moment photo opportunity



MONACO E-PRIX

- 18 local students studying Masters in Sports Business Management held a virtual meeting with a member of Formula E leadership
- Partnership with Prince Albert II of Monaco Foundation - promotion of the Foundation's work in Boss Emotion Club, #PositivelyCharged Grid Moment photo opportunity

SUMMARY OF RACE HIGHLIGHTS



PUEBLA E-PRIX

- Charity activation Con Ganas De Vivir
 25 tickets offered each race day; two surprise phone calls arranged for unwell children supported by Con Ganas De Vivir, Personal Protective Equipment donation; Promotion of charity on VAEV Live Feed
- Mural commissioned from the local artists association that makes street art with a social impact to create a 932m mural outside the main entrance (Gates 1 and 2) as a donation from Formula E to the Autodromo and the Amozoc's neighbourhood
- Conferences convened: 'Micromobility and micromodality for a new urban mobility landscape' FIA Smart Cities eForum and e-Mobility conference organised the week after the race
- More than 12,000 lunch bags to local causes were donated in collaboration with DHL



NEW YORK E-PRIX

- Tickets offered to local communities with more than 1,500 (75%) of tickets going to people in Brooklyn and nearby to the race location
- Food and beverages sourced locally -\$1,000 in bonuses were given to 5 Red Hook (race location neighbourhood) vendors to ensure Food and Beverage area was 100% Red Hook locals
- \$3,200 financial donation to Brooklyn Greenway Initiative for refurbishment of planters in the area and support for the clean-up event



LONDON E-PRIX

- UNICEF high level panel with three
 UNICEF Youth Advisory Board members
 and engagement with UNICEF messaging
 on climate change in BOSS Emotion Club
- 120 girls hosted as part of the FIA Girls on Track initiative
- Donation of a herb plant wall to ExCeL, the venue hosting the race
- FIA Smart Cities eForum Europe:
 Better Data for Better Mobility
- Donation of hundreds of kilograms of leftover food to Community Food Enterprise



BERLIN E-PRIX

- Approximately 1,000 tickets given away to local communities each day
- More than 150 girls hosted as part of the FIA Girls on Track initiative
- E-Village activations booth free of charge offered to Formula Student to educate fans and spectators about their programme – an international automotive design competition for students
- Air Quality Monitoring project pilot with UNEP to measure air quality by installing 20 sensors around our event and the track and compare to inner city through a basic widget and donation of 8 sensors to local schools post-event

FIA GIRLS ON TRACK

FIA Girls on Track is a grassroots project to empower young girls and promote gender equality in an innovative, engaging and positive manner. As motorsport is strongly linked to major industries, FIA Girls On Track gives girls from around the world the chance to engage in career opportunities through on-site educational workshops, exclusive behind the scenes access and introductions to women in the industry.

Formula E has been a part of this programme since 2019 and in Season 7, the FIA and Formula E announced a sixyear extension to their original collaboration on the FIA Girls on Track programme, with Formula E's title partner – ABB – also becoming the first global partner.

Despite the challenges linked to the pandemic, in Season 7, Formula E hosted over 270 girls collectively on-site at the London and Berlin races.



LONDON LEARN MORE **BERLIN**LEARN MORE

Formula E has been working hard to increase gender equality in motorsport through initiatives such as FIA Girls on Track. This programme aims to increase the percentage of women in motorsport by inviting young women from 8 to 18 years of age to discover, for free, the different aspects of motorsport and the industry, through a set of activities and workshops.







FIA SMART CITIES

FIA Smart Cities Forum brings together experts from different fields of sustainable mobility to demonstrate how cities can grow in a more sustainable and inclusive way, making the best use of innovative technology and calling for effective policymaking. The programme, of which Formula E has been a part for several years, aims to advance the development of sustainable, safer and connected cities, working towards a lower-carbon economy.

Formula E events provide a unique arena for the FIA Smart Cities Initiative to host the FIA's expertise in its complimentary pillars of Mobility and Sport globally.

At the Forum, we run an international entrepreneurship contest to identify, support and invest in the world's most impactful technology companies in the smart cities ecosystem. Themes such as autonomous driving, big data and artificial intelligence have featured amongst the Forum topics.

In Season 7, in response to COVID-19, the FIA Smart Cities Programme was adapted to a fully digital format using a virtual platform and featured senior Formula E and Team representatives (E.g. NIO 333 and Mahindra Racing) speaking at panels in London and Berlin.



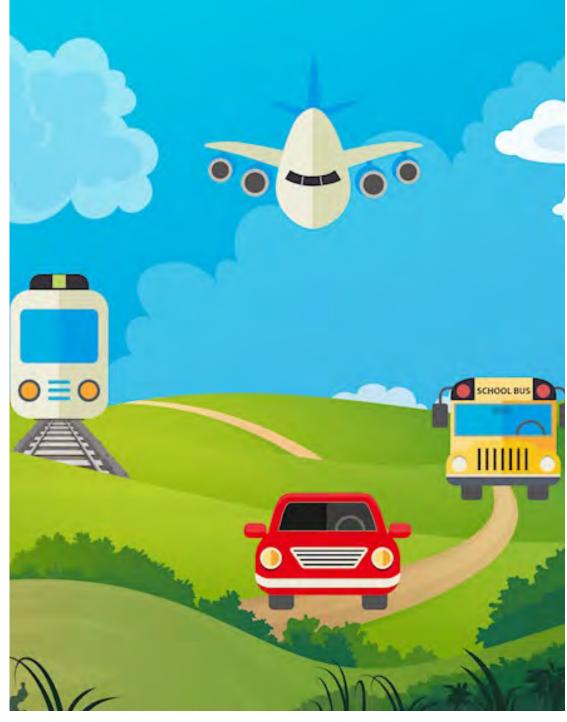
EDUCATION PROGRAMMES

Formula E is committed to driving positive futures through our sport and platform. We understand the important role education plays in empowering young people with solutions which will enable them to live more sustainably in the future.

This is why, starting from Season 6, Formula E developed and promoted education modules and interactive workshops aimed at young children to encourage them to think about how they can integrate sustainability into their daily lives.

The modules focus on sustainable mobility with the pros and cons of different modes of transport, with particular attention to air pollution and our health, and the rise of electric vehicles as a more sustainable alternative to travel. Children will have the opportunity to design their own sustainable community and make pledges to adopt more sustainable options into their life and encourage their classmates to do the same.



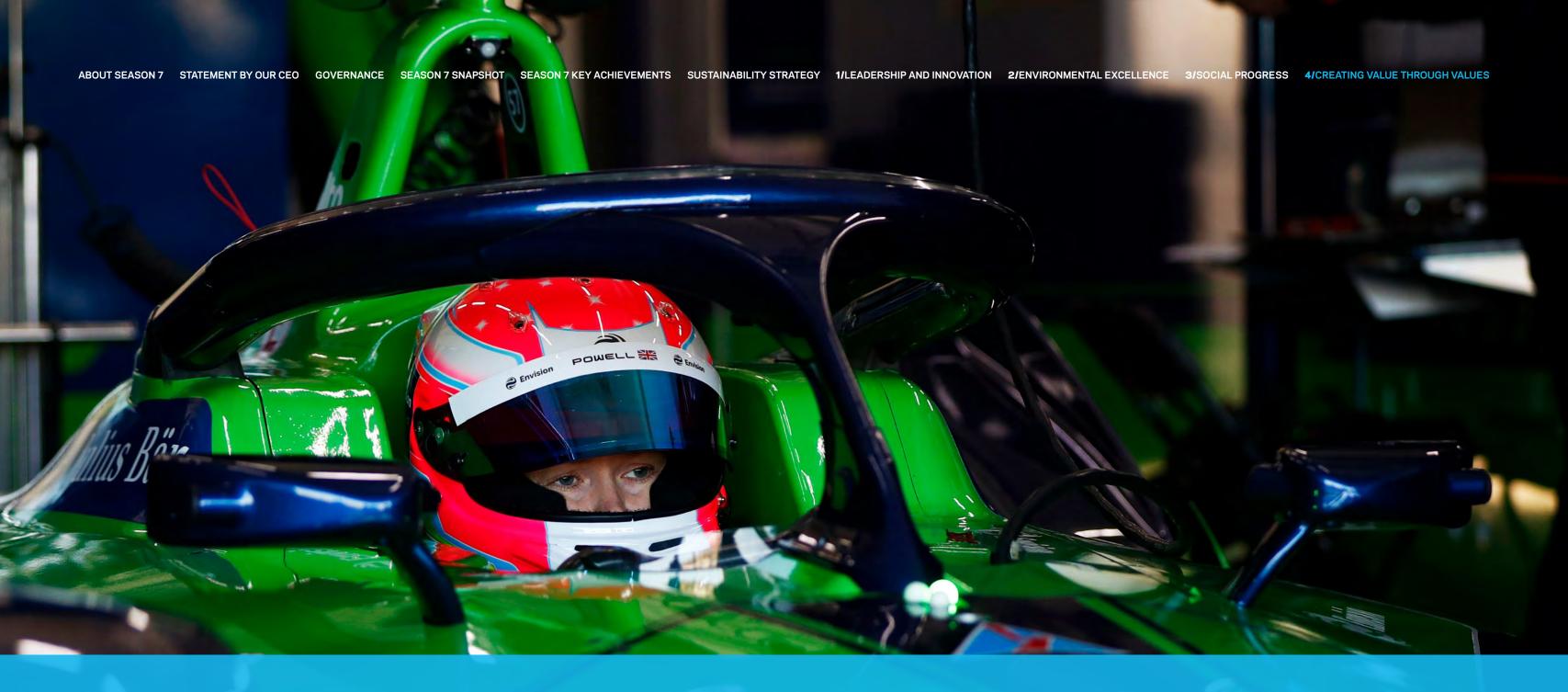


Despite the challenges due to COVID-19, 8 schools have successfully implemented the modules in Italy in Season 7, reaching around 350 students.









CREATING VALUES THROUGH VALUES

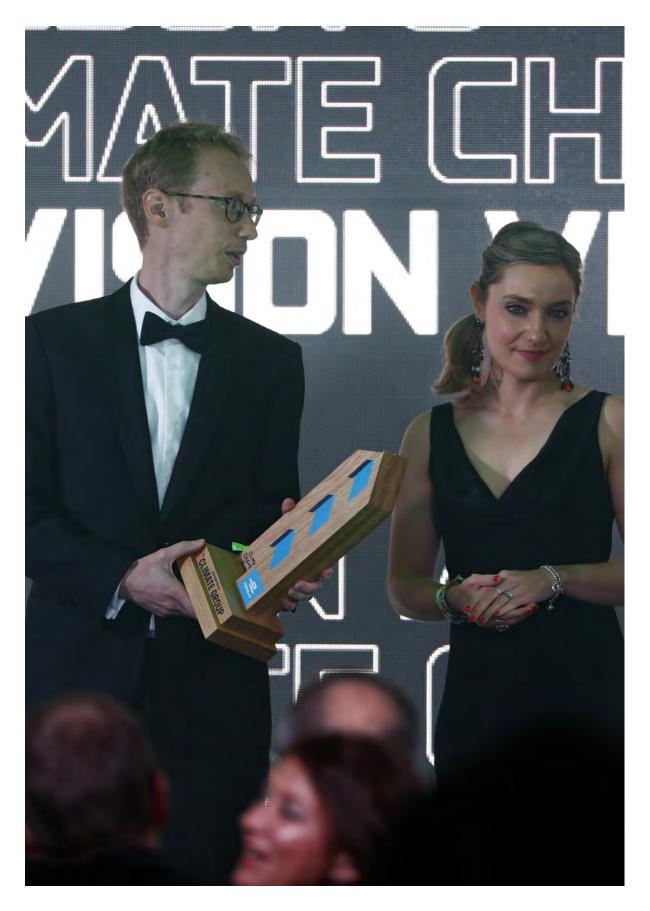
In order to help drive our shared sustainability goals and ambitions, we work together with our ecosystem of Teams and Partners to use our platform to test and showcase their innovate solutions via actions at our events that can be scaled up to live a sustainable lifestyle.

CLIMATE CHAMPION AWARDS

Created to promote the adoption and development of electric mobility, the ABB FIA Formula E World Championship is committed to doing its part to raise awareness and tackle inner-city air pollution.

The teams within Formula E are also doing their part in the race for cleaner air - and together with Climate Group and their EV100 programme which promotes the widespread use of electric vehicles - this award acknowledges those efforts.

The winner for Season 6 is Envision Racing, while Season 7's winner is Mahindra Racing. Envision took a holistic approach to sustainability as a team, with a key highlight, its Race Against Climate Change Initiative. Mahindra's flagship achievement was becoming the first Formula E team to gain three-star FIA Sustainability Accreditation in September 2020.







HEINEKEN GREENER BAR

Heineken® has launched its first sustainable bar concept, the Heineken® Greener Bar, at the London E-Prix Race as part of its wider role as a 'Sustainability Partner' of the ABB FIA Formula E World Championship with ambitions to make event bars a little bit greener.

The Heineken® Greener Bar is a completely new entertainment experience for Heineken® that uses new building methods, materials and technologies focused on improving how we upcycle, recycle and reuse materials. Through its innovative design, the Heineken® Greener Bar will help to reduce waste, water, emissions and energy usage, ultimately creating a more sustainable bar solution for events.



► WATCH THE VIDEO

Per event, as analysed by an independent auditing company, the Heineken® Greener Bar... SAVED **6,539KG**of event waste:

the equivalent to the daily waste from 2,209 'average' households.

SAVED
5,335KW
hours of energy:

the equivalent power used to run 4,337 standard dishwasher cycles.

SAVED
21,12BKG
of CO2 eq. emissions:

the equivalent to saving the emissions from driving a fossil fuel vehicle around an average Formula E track 7,775 times.

SAVED
25,108L
of water:

the equivalent to **53,421 pints of water**.

ABB DRIVERS OF PROGRESS VIDEOS

ABB's video series about its partnership with the ABB FIA Formula E World Championship showcases the closely linked and exciting worlds of a global technology leader and the pioneering global all-electric motor racing series.

Together, these two high-performance partners are driving progress in technology that will help ensure a cleaner, more sustainable future for coming generations.

The series of five videos explores common touchpoints between ABB and ABB FIA Formula E World Championship, highlighting parallels both in technology and philosophy.

► WATCH THE VIDEOS





DHL VISIONARIES

Earlier this year at the beginning of Formula E Season 7, teaming up with leading sustainability influencer Finn Harries, DHL set out to find the planet's next generation of leaders through our DHL Visionaries campaign. Hundreds of young hopefuls submitted their ideas for the future of sustainability and after consideration by the judges, two inspirational DHL Visionaries were found: William and Ahmed.

William's idea centred around turning waste paper into hand sanitiser using bioethanol, and Ahmed's was a revolutionary stadium concept powered by the kinetic energy of sports fans themselves.

Extraordinary ideas deserve extraordinary rewards, and the two winners received a Formula E experience like no other: a 'Day in the Life' experience joining the DHL Motorsports and Formula E teams behind the scenes at the 2021 London E-Prix. They also met the leaders behind DHL and Formula E and the people who share their vision, including Formula E CEO Jamie Reigle, Mercedes' Head of Motorsport Toto Wolff and even some of the drivers. Both also received a €2,500 bursary to put towards their future career or studies.



DHL OLIVE TREES LEGACY

As part of the cooperation of DHL with the Formula E legacy programme, one of Valencia's E-Prix circuit's grandstands turned green in Season 7 - filled with 400 olive trees.

Following the race, 350 trees were planted inside the circuit, and the remaining 50 found a home in Valencia's city centre in collaboration with a local NGO and DHL's Global Volunteer Day.

This is one of many initiatives highlighting DHL's GoGreen worldwide environmental protection programme, part of DHL's Mission 2050 Zero Emissions ambition to reduce the company's logistics-related emissions to net-zero by 2050.

Formula E drivers and representatives got involved in the project and assisted in planting the trees.

► WATCH THE VIDEO



RAISING GLOBAL AWARENESS THROUGH AWARDS, RECOGNITIONS, EXTERNAL ENGAGEMENT AND CONVERSATIONS

We are pioneering the global adoption of clean mobility through enhancing technologies, improving infrastructure and raising awareness. Formula E is a global platform, connecting online, on television and in-person with fans and audiences from around the world to raise awareness on the benefits of electric vehicles, inspiring people to drive electric. Through our platforms, we reach hundreds of millions of people.



ISO 20121

First and only motorsport series to hold ISO 20121 certification and renewed in 2021



FIA Environmental Accreditation

For three years running and renewed in November 2020, Formula E is the first Championship to be accredited at three-star level



EcoVadis

Silver medal (2020)



Leaders in Sport Sustainability Award

Shortlisted



Reuters Responsible Business Awards: Net Zero Transition Award

Shortlisted

CONFERENCES

- AISTS
- Bloomberg
- COP26
- Electromobility Week
- Eurasian Summit
- FIA Smart Cities
- FIFA Masters

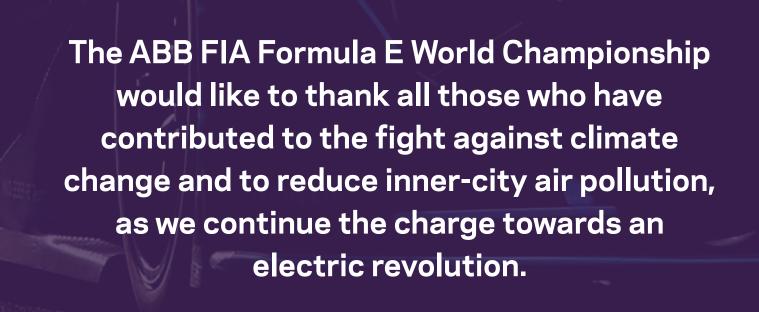
- GreenTech Festival
- INSPORT
- Jaguar Podcast
- Sustainable Innovation Forum
- Sport Positive Summit
- SVG Europe
- The Future Of GreenTech

INTERVIEWS AND CONVERSATIONS

- Art of Smart
- BBC and BBC StoryWorks
- Deloitte
- Greensportsblog
- Motorsport UK
- SandSI
- Women in Motorsport

STUDENT RESEARCH

Harriet ThrowerUniversity of York - dissertation







fiaformulae.com

sustainability@fiaformulae.com