

RACE FOR BETTER FUTURES



SEASON SIX SUSTAINABILITY REPORT 2019/20



INDEX



Accelerating sustainable human progress through the power of electric racing.

02 About the ABB FIA Formula E Championship and Season Six

03 Statement by our CEO Jamie Reigle

04 Governance

05 Season Six calendar

06 Season Six snapshot

09 Response to global pandemic

12 Positively Charged, together

13 Pillar 1 / Delivering sustainable events

19 Pillar 2 / Leaving positive lasting impacts in host cities

21 Pillar 3 / Raising global awareness on air pollution and electric vehicles

ABOUT THE ABB FIA FORMULA E WORLD CHAMPIONSHIP AND SEASON SIX



The ABB FIA Formula E World Championship is the closest and most competitive category in motorsport, with unpredictable and exciting electric racing in the centre of the world's most iconic cities.

Formula E is also the fastest-growing series in motorsport and boasts the best roster in racing, where renowned road car manufacturers and automotive brands battle it out for points, position and the ultimate prize to be crowned champion.

More than just a race around a track, Formula E is also a proving ground - to test new technologies, drive development through to the production line and ultimately put more electric cars on the road - and a platform with a higher purpose.

The recent launch of Formula E's #PositivelyCharged manifesto, as part of the FIA's #PurposeDriven initiative, further reasserted our commitment to creating 'better futures' through racing.

Formula E's Sixth Season had completed five races in four cities - Diriyah, Santiago, Mexico City and Marrakesh - before it was suspended due to the COVID-19 outbreak. Working with the FIA and in close consultation with teams and local authorities, the Championship defined a robust plan to conclude the season safely and in August 2020, resumed with its 'Season Six Finale' of six races in Berlin Tempelhof, behind closed doors.

STATEMENT FROM OUR CEO JAMIE REIGLE



At the end of my first season as CEO of Formula E, it's my pleasure to be writing this welcome note for the Season Six Sustainability Report.

It's rare that a sport has a purpose bigger than the sport itself, but Formula E has just that. It is a world-class electric racing series underpinned by its founding inspiration to counteract climate change by accelerating the adoption of electric vehicles, and that this year, has evolved into an all-encompassing race for better futures.

2020 has been a challenging year for everyone, so we've been more delighted than ever to work with our ecosystem of manufacturers, teams, partners, broadcasters and fans to maintain momentum on this mission.

Two of my proudest moments this year were when the Formula E team was confirmed as the first sport in history to be certified net zero carbon from inception, and when we partnered with UNICEF in the fight against COVID-19, delivering against a shared purpose, to create a better world for the next generation.

Our net zero status is the result of years of work from our sustainability team, who have measured our emissions from day one and tirelessly worked to reduce them, only offsetting the unavoidable remainder in line with the UNFCCC's Clean Development Mechanism. As such, unavoidable emissions have been offset through investments in Gold Standard, Verified Carbon Standard and Clean Development Mechanism projects. All these projects are socially sustainable, advance renewable energy production and maximise the environmental benefits of electric cars leaving positive, tangible legacies in race markets.

Our leadership in combatting Climate Change was recognised when, on behalf of Formula E, I recently signed the UN's EU 2030 letter. The letter supports the UN's global Race to Zero campaign for a decarbonised economy that guards against future threats, creates quality employment opportunities and nurtures inclusive, sustainable growth. At Formula E, we strongly believe in the importance of approaching sustainability holistically, considering the environmental, social and economic impacts of our actions.

As we reflect on 2020 and look forward to the future, we remain committed to improving our practices in the years to come and hope to inspire others to join us.

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.

Formula E's management structures for sustainability are integrated into our organisational framework at the following levels:

Board level

The Board

The Board has ultimate responsibility for decision-making related to sustainability at Formula E. The Board comprises of 8 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.

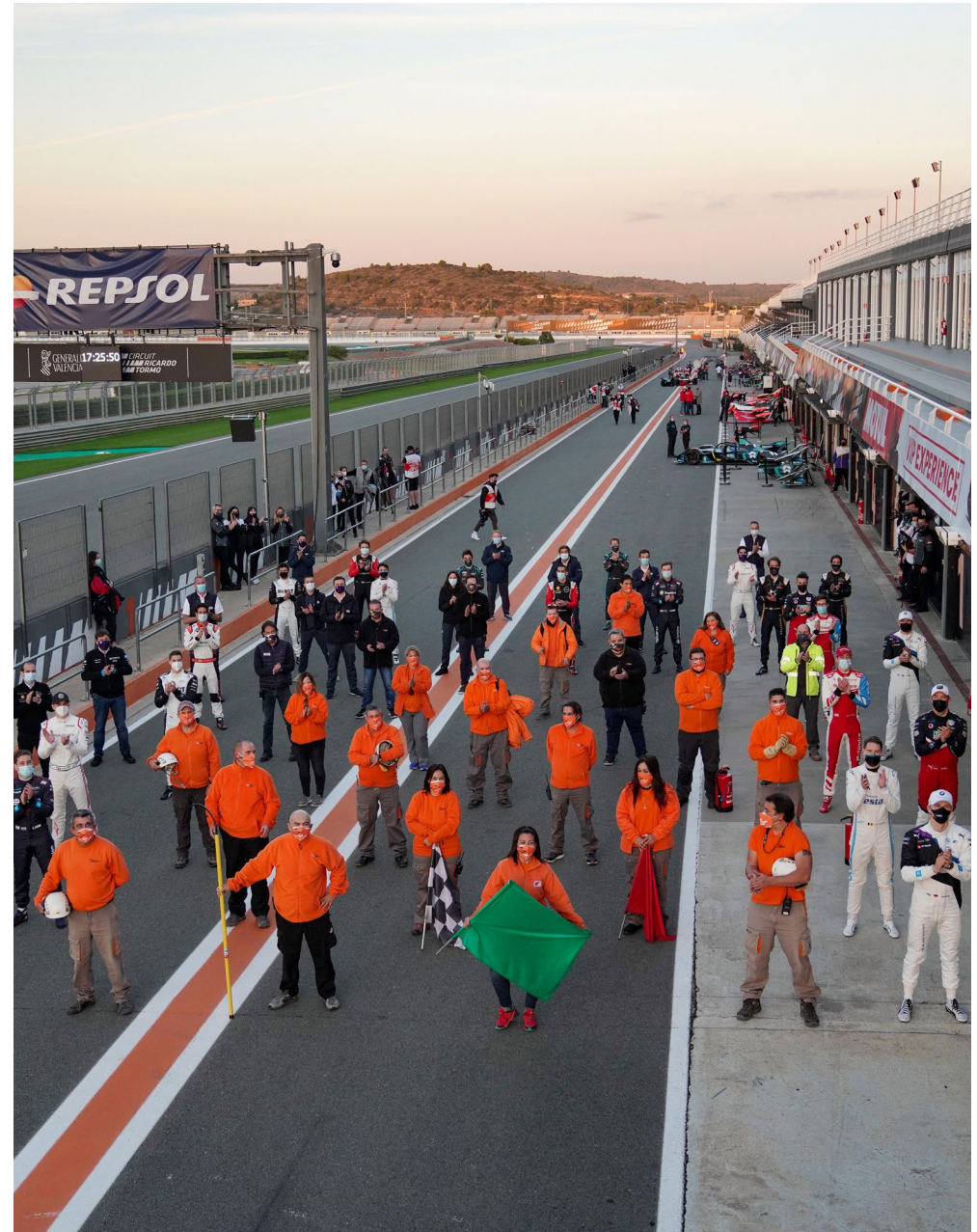
Operations

Sustainability Team

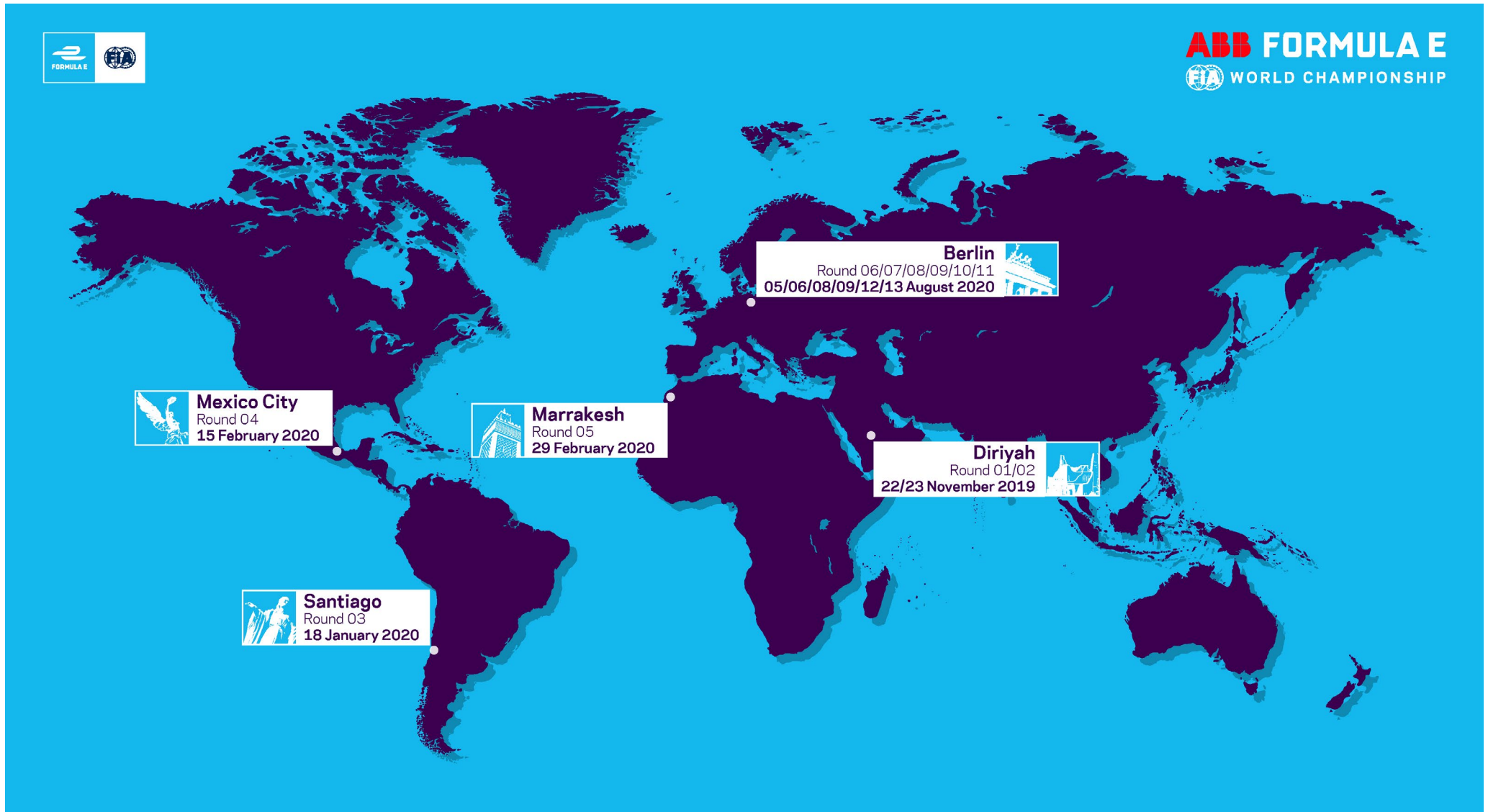
They are responsible for delivering on the strategic approach, which is to deliver events sustainably, leave positive impacts and a lasting legacy in the communities that host races and raise global awareness of the benefits of electric vehicles.

Local teams

They 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.



SEASON SIX CALENDAR



SEASON SIX SNAPSHOT

Season Six was an unpredictable season with many challenges for Formula E due to the global health emergency. The Championship's priority was the health and safety of Championship participants, staff and spectators. In addition to the safe and successful completion of the season, Formula E worked to tackle the most pressing issues facing society by continuing to deliver its mission of promoting sustainable mobility and better futures.

Formula E's sustainability programme is based upon three pillars:

➤ Pillar 1

Delivering sustainable events.



➤ Pillar 2

Generating positive impacts and leaving a lasting legacy in our host cities.



➤ Pillar 3

Using our global platform to create awareness about air pollution and the benefits of electric vehicles.



SNAPSHOT



Events

This year, Formula E retained its position as the first and only motorsport series to achieve third-party ISO 20121 certification, continuing to set the international standard for event sustainability practices. This third-party certification award by accreditation body SGS (one of the world's leading inspection, verification, testing and certification companies) is an assurance that events are managed in a sustainable way - promoting social inclusivity, economic prosperity and environmental protection.

Achievements



ACHIEVING NET ZERO CARBON FOOTPRINT

Formula E is the first sport to achieve a net zero carbon footprint since its inception and is committed to remaining carbon neutral going forward.



SUPPORTING UNICEF IN THE FIGHT AGAINST COVID-19

Launching fundraising initiatives and increasing awareness of UNICEF's mission to protect vulnerable children and families at risk during the COVID-19 pandemic.



#POSITIVELYCHARGED

Formula E was founded with a purpose bigger than the sport itself, and the power of our sport lies at this intersection of racing and reason. Positively Charged is the attitude, energy and spirit of Formula E. It is the combination of thrilling electric street racing, innovation, sustainability and positive impact that makes us unique in global sport.

Contributions

While this was a unique season of racing, our programme was adapted to ensure the needs and expectations of the local communities in our host cities continued to be met. Programmes were adjusted virtually to continue to raise awareness of key issues such as sustainable cities and gender equality. Contributions included financial support and PPE (Personal Protective Equipment) donations were given to local institutions in the fight/recovery against the coronavirus crisis and Formula E partnered with UNICEF to increase awareness of the appeal.



SNAPSHOT



Campaigns

With sustainability deeply rooted in the DNA of Formula E, the vision of the Championship is to accelerate sustainable human progress through the power of electric racing to create a better future for the planet. Through the third pillar of the sustainability programme, Formula E connects online, via television and in-person with fans and audiences from around the world to raise awareness of the benefits of electric vehicles, inspiring people to drive electric. Campaigns where Formula E was visible included:

EARTH DAY: where the Championship launched an interactive map of air pollution in the race host cities as well as partner cities.

WORLD ENVIRONMENT DAY: where the Championship used its brand to raise awareness about Climate Change and air pollution.

WORLD EV DAY: where the Championship highlighted the crucial role electric vehicles can play in advancing sustainability.



RESPONSE TO GLOBAL PANDEMIC

Amidst the COVID-19 outbreak in March 2020, Formula E announced the suspension of the season, prioritising the health and safety of staff and the entire Formula E community of teams, manufacturers, partners, drivers and fans as well as the citizens and residents in race locations. With the aim of safely and successfully completing the season, Formula E introduced measures to practically support stakeholders during the global health crisis by monitoring, adjusting, and finding new ways to race and accelerate global awareness and adoption of electric vehicles.



Health and safety protocols addressing coronavirus challenges

As the season resumed in August with the Season Six Finale of six races in nine days in Berlin, strict health and safety measures and protocols had to be introduced to mitigate risk. This included:

- Mandatory COVID-19 testing prior to the races.
- On-site screening every day upon arrival at the track.
- Enforcement of proper PPE practices by all staff and teams.
- Social distancing and limited movement across workspaces with clearly defined zones for different event populations.

As per German government guidelines, there was a maximum number of 1,000 people on site at any given time, including local suppliers and medical crews with each Formula E team bringing only 20 staff. All other operations were carried out remotely.

As a gesture of thanks to the City of Berlin, Formula E, in partnership with BMW i, donated over 100,000 pieces of PPE to local health and education institutions surrounding our event to help in the fight against the pandemic

RESPONSE TO GLOBAL PANDEMIC



Fundraising and awareness efforts to aid worldwide recovery

As a global sport with a purpose to counteract climate change by accelerating the adoption of electric vehicles, Formula E was naturally placed to use its platforms for something bigger. The Championship announced a partnership with UNICEF to raise awareness and funds for their work to protect children against the effects of the coronavirus. Funds were directed to projects

such as those contributing to remote learning programmes and the supply of essential protective equipment for healthcare workers on the frontline. Formula E has helped UNICEF to:

- Reached over 2.7 billion people with messages on coronavirus prevention and access to services.
- Provided 38 million people with critical water, sanitation or hygiene supplies.
- Helped train 2.5 million healthcare workers on infection prevention and control.
- Supported more than 224 million children with distance or home-based learning.

Efforts made a significant impact and will focus on keeping children around the world healthy and learning in the face of the coronavirus crisis.

RESPONSE TO GLOBAL PANDEMIC

Entertainment with a purpose

ABB FORMULA E RACE AT HOME CHALLENGE IN SUPPORT OF UNICEF

Working in partnership with UNICEF, Formula E launched initiatives including the 'Race at Home Challenge' to raise funds in support of the global COVID-19 appeal. This was a nine week esports competition featuring all the teams and drivers from the Championship as well as a selection of top gamers from around the world. The competition brought together the entire Formula E community through live online races while also raising funds for UNICEF selected emergency response projects such as those contributing to the supply of PPE for healthcare workers and setting up home learning schemes for children currently out of school.



FIA SMART CITIES

For several seasons, Formula E has hosted the FIA Smart Cities Programme on-site at events to advance the development of more sustainable, safer and more connected cities, working towards a low-carbon economy. This year, in response to COVID-19, the FIA Smart Cities Programme was adapted to a fully digital format using a virtual platform. The FIA Smart Cities eForums covered three different regions from around the globe: Europe (22 July), Asia-Pacific (23 September) and the Americas (12 November) focusing on COVID-19 and the broad impact it has had on urban mobility. Speakers included representatives from the ITF, UNESCAP, Deloitte, ABB, Frost & Sullivan as well as Formula E.



FIA GIRLS ON TRACK

Formula E has been working to increase gender equality in Motorsports for numerous seasons through initiatives such as FIA Girls on Track. The programme aims to increase the percentage of women in motorsports by inviting young women from 8 to 18 years of age to discover, for free, the different aspects of Motorsport and its industry. In Season Six, Formula E hosted over 400 girls at both the SAUDIA Diriyah E-Prix and Antofagasta Minerals Santiago E-Prix, participating in numerous technical workshops to develop their Science, Technology, Engineering and Maths (STEM) skills while being encouraged to be creative and work as a team.

In response to COVID-19, this has been adapted to Virtual Experience events that provided girls an innovative and interactive access to motorsport insights. Together with Formula E ambassadors such as Nicki Shields, who provided her perspective and experiences about the career opportunities, participants were provided training and support to help them enter into the industry.

POSITIVELY CHARGED, TOGETHER



**In the words of Formula E's founder and Chairman, Alejandro Agag:
"Formula E can be a huge agent for positive change in cities across the world."**

#PositivelyCharged, as part of the FIA's #PurposeDriven initiative, represents Formula E's commitment to not only counteract climate change but to make a positive impact on the world.

Formula E has ambitions to go beyond creating an extraordinary racing spectacle and so do its teams, drivers, suppliers, technicians, engineers, team principals, security staff and track builders. The Championship stands behind a powerful message of inclusivity, a common desire to drive positive change as a collective and a new purpose: Positively Charged.

➤ With a promise to nurture a culture of inclusivity, we launched the Formula E Open Talent Call which will search for new, diverse young voices who are positively charged to join the Championship in Season Seven.

➤ With a promise to drive positive change, in Season Six, Formula E launched a number of education programmes for youth in London, and Rome and other Italian cities, to support children's education throughout the pandemic and educate them on various topics such as sustainable mobility and lifestyles.

Today, Formula E remains committed to deliver high energy, edge-of-seat racing that is #PurposeDriven.

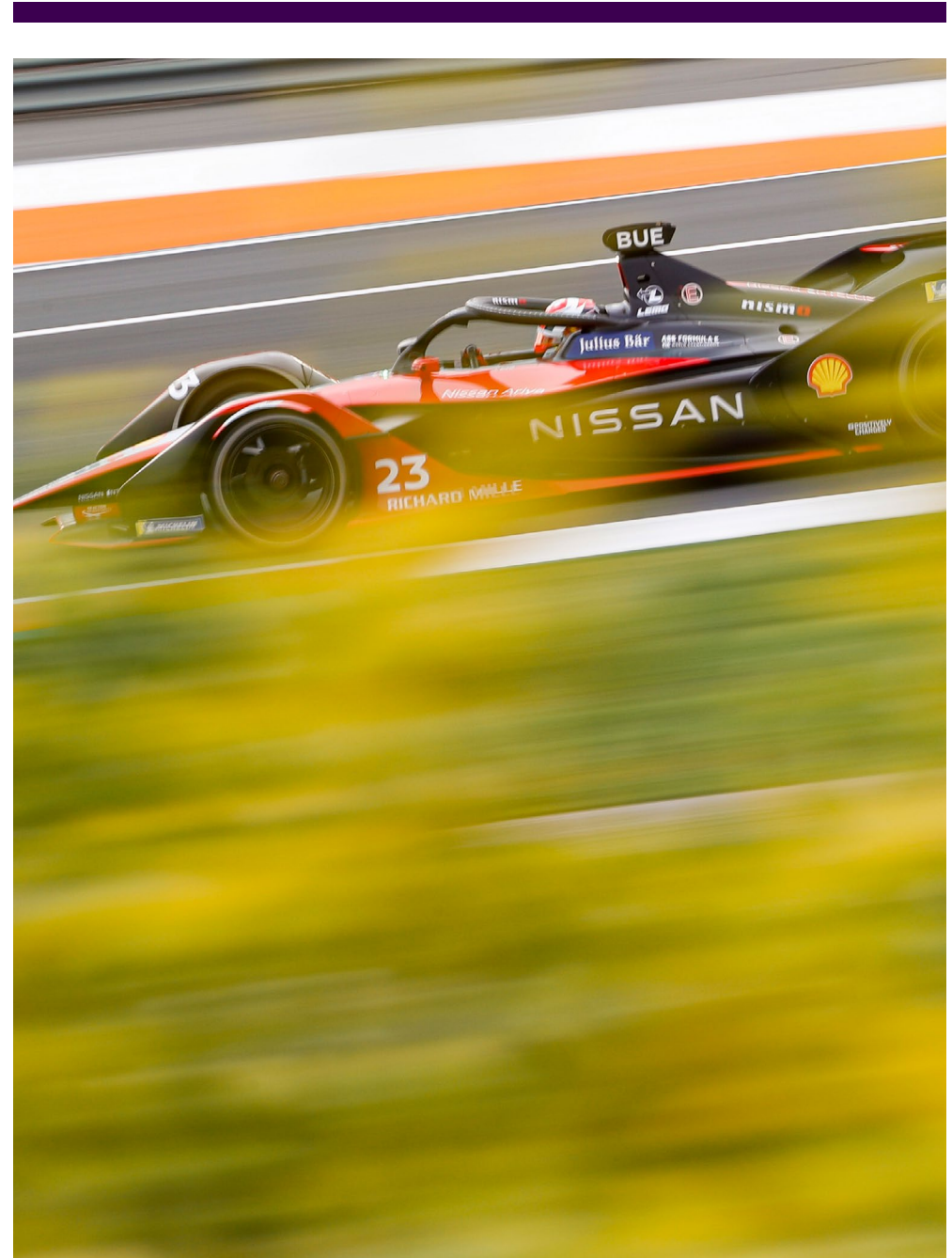
PILLAR 1

DELIVERING SUSTAINABLE EVENTS

Racing for better futures

Sustainable events certification

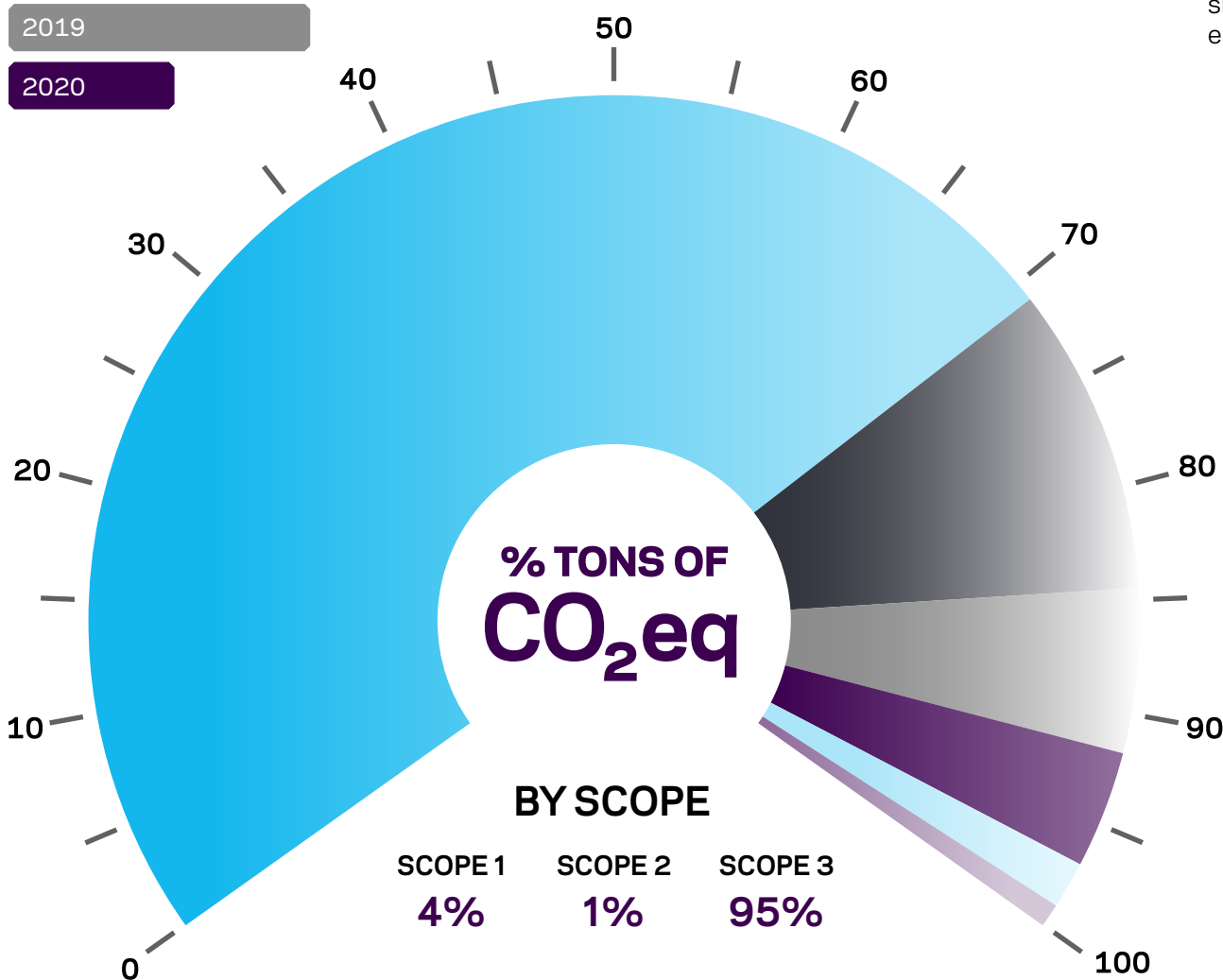
This year, Formula E has once again met the strict criteria needed in order to maintain the highest level of certification for ISO 20121 sustainable events certification, awarded by accreditation body SGS. This shows the tireless commitment of the ABB FIA Formula E Championship to deliver events in a sustainable way - promoting social inclusivity, economic prosperity and environmental protection. Season Seven will see the start of a new cycle of ISO 20121 certification. As a signatory of the UN Climate Neutral Now Initiative, Formula E have followed the recommended steps to achieving carbon neutrality which are to monitor and measure impact, prioritise footprint reduction and only then offset the remaining unavoidable emissions with certified projects. These next few pages go over these individual steps to explain how Formula E became the first sport to achieve net zero carbon from inception and our priorities for delivering a sustainable event.



PILLAR 1 / DELIVERING SUSTAINABLE EVENTS

Overall season emissions

20,000 t CO₂-eq



Carbon management MEASURE

Working closely with Quantis, the leading life cycle assessment and sustainability experts, Formula E has calculated the overall footprint of the Championship (using race by race data) since our inaugural season with a constant focus on lowering emissions.



71% FREIGHT

Freighting the cars and equipment between the races is the biggest contributor to our footprint.



14% STAFF TRAVELS

Staff travel to the races is the second highest contributor to our footprint.



7% OPERATIONS

Including infrastructure, track overlay and energy usage at the events; this is the footprint for the generation of our cars and has been included in the overall calculations since Season Five



5% SPECTATORS TRAVELS

Our spectator footprint continues to be low at only 5% of our total footprint, due to the location of our races being in the heart of cities and encouraging public/sustainable transport.



2% FOOD AND DRINKS

We work with food vendors in our Allianz E-Villages and our catering providers for teams/staff to ensure we have vegetarian/locally sourced options, keeping this a low contributor to our footprint.



1% CAR

This is the first year we have included the manufacturing of the car in the total footprint.

PILLAR 1 / DELIVERING SUSTAINABLE EVENTS



Carbon management

REDUCE

The Championship is taking emission reduction measures, including optimising transport and logistics, extending end-of-life options for lithium-ion battery cells and cutting out single-use plastics on site to minimise the Championship footprint and overall environmental impacts. Some specific examples include:

➤ LOGISTICS

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

- An optimised calendar is used with multiple sea freight sets to cover various continents;
- A multi-modal approach is used where possible with rail/road preferred over air freight due to reduced emissions (and where planes are used, more energy efficient planes are being considered);
- Following a freight inventory audit, Formula E is working with internal teams to ensure that only race critical items are freighted to reduce weight;
- Packaging is made as efficient as possible, improving vehicle load-efficiency.

➤ STAFF TRAVEL

Creating a sustainable travel policy which incorporates staff travel measures to reduce their impact.

- Only race critical staff attend the races and rail travel for European locations is prioritised over air travel where possible.
- Staff are encouraged to use public or shared transportation to get to and from the airport.
- When an event site is within walking distance from accommodation, shuttles are not arranged in order to minimize any unnecessary footprint. When it is not, shuttles are organised for staff to travel together safely and sustainably.
- Working with the ground transportation companies to ensure vehicles are electric or hybrid.

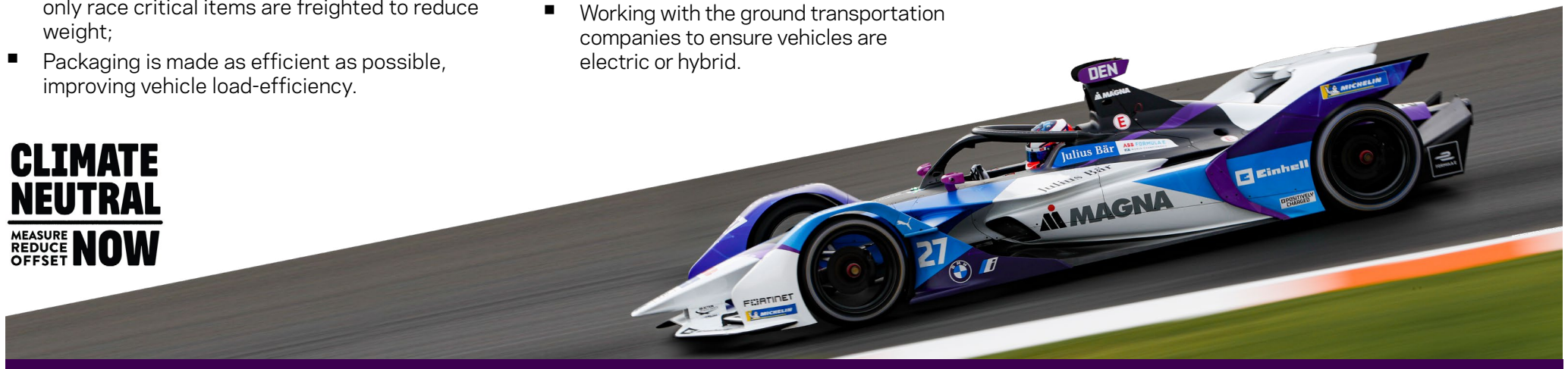
OFFSET

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

The projects selected are socially sustainable, advance renewable energy production and maximise the environmental benefits of electric cars, building on Formula E's work to date to deliver positive, tangible legacies in race markets. This has made Formula E the first sport to become net zero carbon from inception.

In line with this, the Championship signed the EU 2030 letter supporting the UN's global Race to Zero campaign which calls for a decarbonised economy that guards against future threats, creates employment opportunities and nurtures inclusive, sustainable growth.

**CLIMATE
NEUTRAL**
MEASURE
REDUCE
OFFSET **NOW**



PILLAR 1 / DELIVERING SUSTAINABLE EVENTS



“The ABB FIA Formula E Championship aims to deliver better futures through racing, and we are committed to play a leading role in counteracting the effects of climate change. We have actively measured and reduced our emissions since our inception and are proud to have achieved a net zero carbon footprint by offsetting our remaining emissions. We have a responsibility to minimise the environmental impact of our global sport and are pleased to support vital environmental projects in each of our race markets. As a sport built on purpose, we remain committed to grow our sustainable practices and hope to inspire others to join us on our journey.”

– JAMIE REIGLE, CHIEF EXECUTIVE OFFICER OF FORMULA E

PILLAR 1 / DELIVERING SUSTAINABLE EVENTS



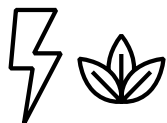
Waste management

- On average, 52% of waste is recycled globally and over 90% in the EU and U.S.
- Various initiatives 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.



Water and plastics

- 32,000 litres of water were distributed via our Allianz Hydration Stations in the e-Village, saving the equivalent of almost 100,000 330ml single-use plastic bottles from being transported to events and disposed of after use.

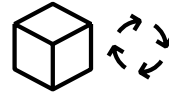


Energy management

- 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. A roadmap has been set out which prioritises not only high-quality power to our events, but significant changes and enhancements to reduce the footprint.



PILLAR 1 / DELIVERING SUSTAINABLE EVENTS



Supply chain management

- 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 have and maintain high environmental and social standards in line with what Formula E strives to meet.



Cars and batteries

- From Season Five, 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.
- For the Gen3 cars, a sustainability clause has been embedded within the tender promoting environmental responsibility for the supply chain and responsible production and consumption to minimise impacts. It encourages sustainable design and the use of sustainable materials and will be setting the benchmark for a sustainable racing car.
- Recycled 100% of Season One and Two battery cells via Umicore reclaiming over 90% of metals and 60% of lithium.
- Only one type of Michelin hybrid racing tyre is used 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. We are recycling 100% of these tyres after use.

PILLAR 2

LEAVING POSITIVE LASTING IMPACTS IN HOST CITIES

Formula E is strongly committed to having a positive impact in host cities with year-long community engagement activities, ensuring it meets the needs and expectations of the local communities and targets the most impacted groups, spreading a global sustainability message.



PROTESTS

0 since implementation of the programme



COMMUNITY TOURS

approximately 450 people across 4 cities



SCHOOLS/ UNIVERSITIES/ CHARITIES

approximately 46 working with us



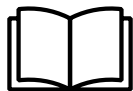
GENDER AND INCLUSIVITY

FIA Girls On Track programme scale up and hosted over 400 girls in both Diriyah and Santiago in Season Six



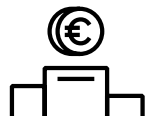
PARTNERSHIPS

coronavirus UNICEF partnership



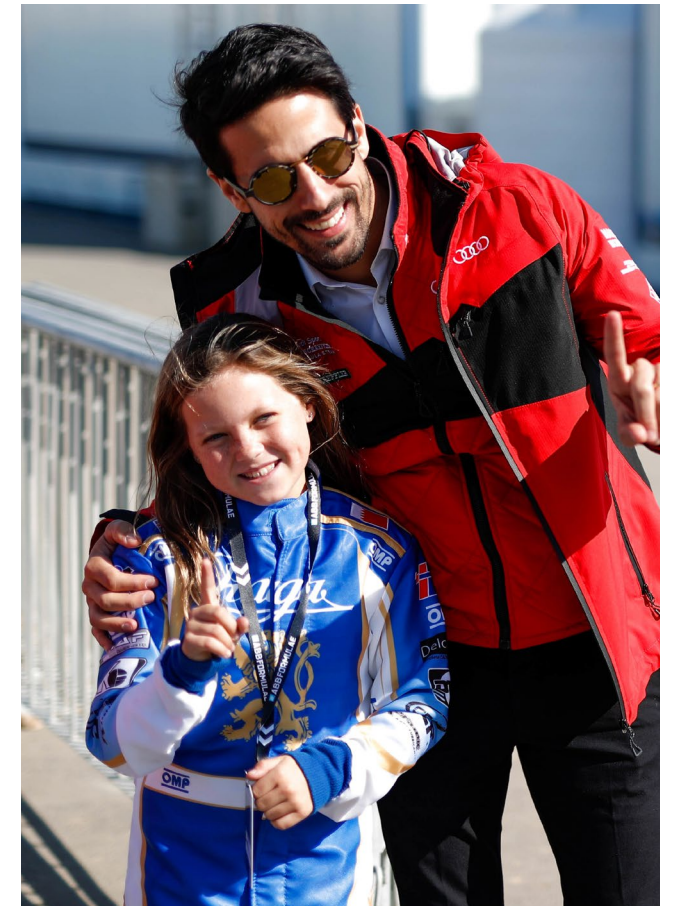
EDUCATION

various education programmes rolled out in London and Italy on sustainability topics



COMMUNITY SPEND

approximately 110,000 EUR



PILLAR 2 / LEAVING POSITIVE LASTING IMPACTS IN HOST CITIES

Race highlights

DIRIYAH

400 children attended the FIA Girls On Track event in Diriyah.



SANTIAGO

Over 120 people (including local residents, neighbours of the park, students and local charities) attended the community tour.



MEXICO CITY

Mercedes-Benz EQ Team visited Hospital Juárez de México.



MARRAKESH

Team Manager for ROKIT Venturi, Delphine Biscaye, visited one of Education For All's girls houses in Casablanca.



BERLIN

Over 100,000 pieces of PPE plus unused goggles, gloves and hand sanitiser from the Season Six Showdown were donated to 18 different organisations surrounding our event in Berlin including hospitals, health centres and schools with support from Championship partner BMW i.



PILLAR 3

RAISING GLOBAL AWARENESS ON AIR POLLUTION AND ELECTRIC VEHICLES



Awards and recognitions



ISO 20121
THIRD PARTY CERTIFICATION



ECOVADIS SCORE
(SILVER SCORE)



FIA ENVIRONMENTAL
ACCREDITATION THREE-STAR



SPORTS BUSINESS AWARDS 2020 | FINALIST
Sustainability in Sport

SPORTS BUSINESS 2020
SUSTAINABILITY AWARD - SHORTLISTED
FOR SUSTAINABILITY IN SPORT



BUSINESS INTELLIGENCE
GROUP SUSTAINABILITY
AWARD - WINNER 2020

PILLAR 3 / RAISING GLOBAL AWARENESS ON AIR POLLUTION AND ELECTRIC VEHICLES

Academic recognitions in thesis, research papers and lectures in collaboration with:



COVENTRY UNIVERSITY,
United Kingdom

AISTS (International Academy
of Sport Science and Technology)



AMOS
Sport Business School

Conferences/webinars sponsorship or participation

Sustainable Brands, Silverstone Innovation Park EV panel, Climate Week NYC 20, Sport Positive Virtual Summit 2020, European Sponsorship Association, Envision Virgin Innovation Summit, Blackbook Motorsport, Factory Berlin, BusinessGreen Net Zero Festival, FIA Smart Cities eForum, MotorsportAM, FidelMov Virtual Summit, Youth Climate Action Summit.

Press coverage across influential global publications include:

BBC Sport, GQ Magazine, Eurosport, The Times, The Guardian, Financial Times, The Independent, ESPN, Forbes, CNN International, L'Equipe, Le Figaro, Corriere dello Sport, Bild, Ouest France, Greensports blog, The Sustainability Report, The Good Life Magazine, Race Tech Magazine, Motorsport Network, Formula Racing News, Forbes, Sportico, Sports Business Journal, Il Messaggero, La Gazzetta dello Sport.

The ABB FIA Formula E World Championship
would like to thank all those who have
contributed to the fight against climate
change and to reduce inner-city air pollution,
as we continue the charge towards an
electric revolution.



fiaformulae.com

sustainability@fiaformulae.com



Accelerating sustainable human progress through the power of electric racing.

INDEX

- 02** About the ABB FIA Formula E Championship and Season Six
- 03** Statement by our CEO Jamie Reigle
- 04** Governance
- 05** Season Six calendar
- 06** Season Six snapshot
- 09** Response to global pandemic
- 12** Positively Charged, together
- 13** **Pillar 1** / Delivering sustainable events
- 19** **Pillar 2** / Leaving positive lasting impacts in host cities
- 21** **Pillar 3** / Raising global awareness on air pollution and electric vehicles

INDEX

“Accelerating sustainable human progress through the power of electric racing”

