



SUSTAINABILITY REPORT SEASON ONE



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“EVERY SINGLE ONE OF US HAS THE POWER TO MAKE A DIFFERENCE, AND IT MEANS SO MUCH TO ME THAT I CAN USE MY LOVE OF RACING, TOGETHER WITH MY LOVE FOR OUR PLANET, TO HAVE A POSITIVE IMPACT”

Lewis Hamilton
Team X44



01

INTRODUCTION



ABOUT THIS REPORT

This is Extreme E's first Sustainability Report. It follows the completion of Season 1 and covers the period 1 January 2021 to 31 December 2021. This report introduces our sustainability strategy, achievements to date and future plans. We developed this report with support from Ernst & Young ('EY'), our Official Innovation Partner. More information about this partnership is on p.10.



ABOUT EXTREME E

Extreme E stands for electrification, environment, equality and entertainment.

Extreme E is a radical new off-road racing championship, which showcases electric SUVs competing in some of the world's most remote and challenging environments. We bring gender-balanced teams together to race at locations that are facing negative impacts from climate change and other human activities.

The championship aims to:

- *Pave the way to a lower carbon future through the promotion of electric vehicles*
- *Use sport to draw attention to the impacts of climate change*
- *Accelerate gender equality in motorsport*
- *Engage global audiences through extreme entertainment.*

Established in 2018 in London, we are a privately owned company, which is funded through sponsorships, media rights and private investors.



SEASON ONE HIGHLIGHTS

In our first season, Extreme E successfully highlighted remote environments under threat due to climate change, and took positive action to protect the future of our planet and people.

Note: Methodology is detailed further in the following sections.

Environment

8,870 tCO₂E
championship carbon footprint

**CARBON
NEUTRAL**

9
legacy projects
across 5 continents

Environment

Impact

1.2k
Extreme E fans pledging action during
the Count Us In Challenge

World's first motorsport series to feature a
50:50
gender split

8
industry awards during Season 1

Impact

Exposure

Extreme E's driving talent has
30
championship titles among them

over
1M
total followers over 12 social
media platforms

90 195
broadcasters across
countries

Exposure

CEO STATEMENT

Alejandro Agag
Founder & CEO, Extreme E

“Extreme E started as a dream; born with the purpose of breaking the mould in motorsport and a vision of a lower carbon future through the promotion of electric racing and education on global climate issues - all by using the power and entertainment of sport and sustainable operations.

COVID-19 took the challenges faced by Extreme E to a whole new level and it all could have ended as an impossible dream if not for the sheer heart, fortitude and winning mindset of the entire Extreme E ecosystem. I am proud of the resilience of our staff, our teams, and our partners, who came together and remained focused on adapting and finding the solutions, which ensured this first season took place.

As we navigate a brighter future coming out of the pandemic, we can't be distracted from the fact that climate change remains the greatest threat facing our future. The science doesn't lie. We are all in a race to play our part as we strive to limit global temperature to below 1.5°C.

Sport has long been a powerful platform to engage, inspire and drive innovation. As a dedicated signatory of the UN's Sport for Climate Action Framework, Extreme E is proud to use its platform for this purpose.

In our first year, we can count an impressive list of achievements, detailed in this report, which include designing a cutting-edge electric vehicle capable of taking on the toughest off-road environments; developing a world-first gender equal sporting competition,

**“THIS IS RACE FOR THE PLANET;
AND IT'S A RACE WE CAN - AND
WE MUST WIN - TOGETHER.”**

creating a range of projects focused on building lasting, positive impact for our race locations; being a test-bed for clean energy production; tapping into the knowledge and expertise of a world-leading panel of climate scientists who advise our activities; inspiring some of the most legendary names in our sport to go electric; and attracting television audiences of 18 million people per race across 195 countries.

These are huge for a first season. And crucially we've done this all whilst putting in place a series of measures to minimise our impact. This has resulted in Extreme E achieving the lowest carbon footprint in motorsport, and, as promised, carbon neutrality at the end of our first season.

The past three years has taught me that while remaining focused on solutions, our resilience is a key component in the collective efforts against climate change. Resilience means to not give up, to recover quickly from difficulties, and to continue fighting and believing in change. Creating a vision and taking meaningful steps towards our goals keeps us focused on the bigger picture.

For Extreme E, this means taking what we've started, learning, developing and continually pushing to new levels in Season 2 and beyond. With the collaboration and expertise of our valued teams, partners and scientific committee, we will go further distances and create greater impact. This is race for the planet; and it's a race we can - and we must win - together.”



SCIENTIFIC COMMITTEE STATEMENT

Prof. Peter Wadhams

Head of Scientific Committee 2021
Professor of Ocean Physics, University of Cambridge

“Extreme E is an ambitious and exciting project that uses the sport of electric racing to draw attention to the problems and challenges faced by remote environments that are at the forefront of the climate crisis.

I feel honoured to play a key role in a project that shines a light on issues affecting the future of the planet, and that helps educate people about real solutions that we can implement.

The climate issues that Extreme E highlights are all linked to the overwhelming central issue of global warming, driven by the rapid and uncontrolled increase in carbon dioxide levels in the atmosphere. Carbon dioxide in the atmosphere is already at record levels, and are increasing at an ever-faster rate, which has to be slowed or stopped.

Since over 25% of the planet’s carbon dioxide emissions come from transport, this sector is especially important. More people watch sport than they do scientific documentaries, but by combining the two it is possible both to showcase electric vehicles and promote their role in helping the planet’s future.

It is an inspiring idea to attach a related scientific programme to each race, so that the electric racing can be combined with addressing a specific climate change problem. There is no limit to the ways in which this concept can be developed as each season takes us to different parts of the world.”



**“EXTREME E IS INCREASING
THE APPRECIATION OF
CLIMATE CHANGE PROBLEMS”**

ACKNOWLEDGEMENTS



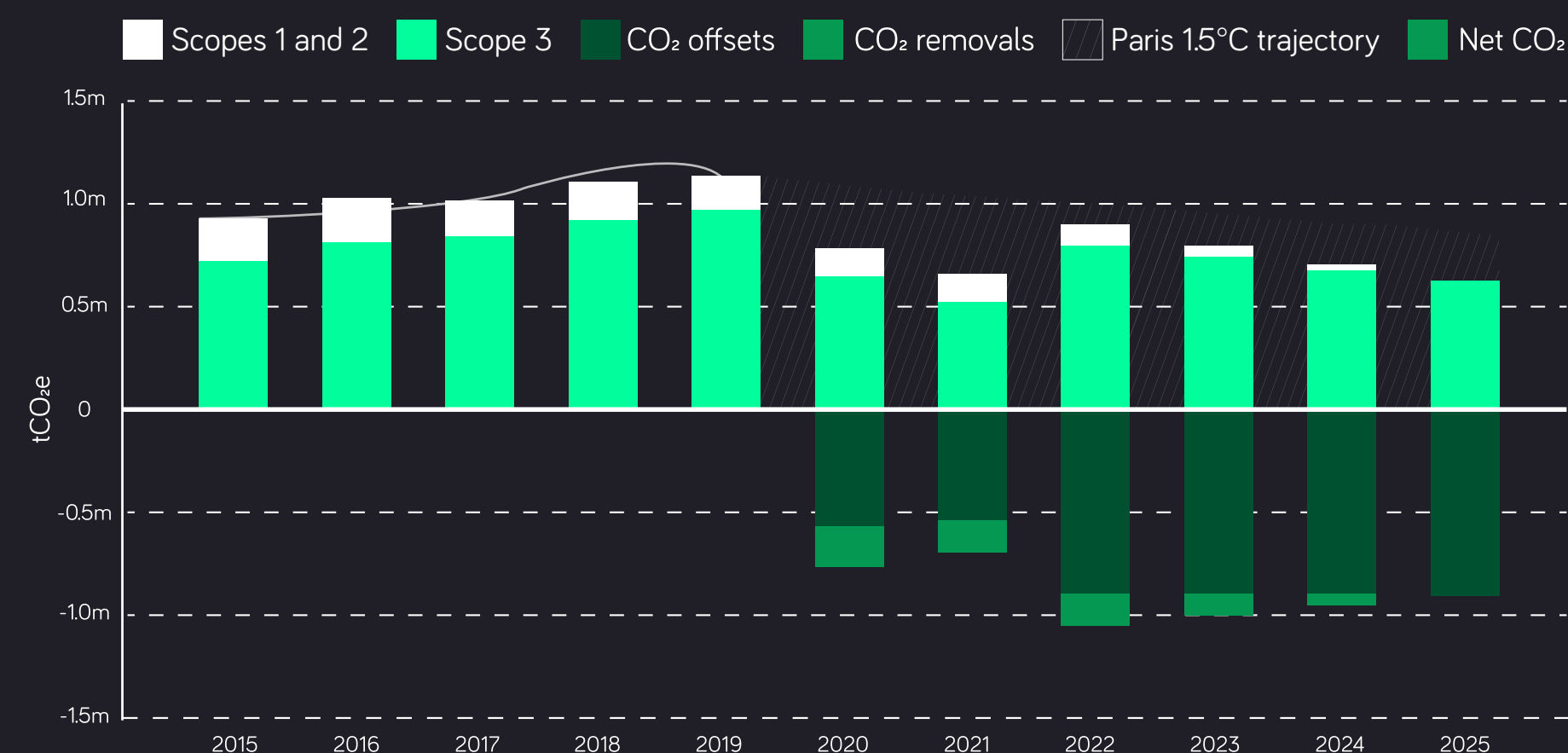
Ernst & Young (EY) - Official Innovation Partner

As Extreme E's Official Innovation Partner, EY is supporting us to minimise our environmental impact by helping to measure, monitor and manage our carbon footprint and become net zero carbon right from Season 1. EY developed pre- and post-racing carbon accounts for Extreme E, including identifying and calculating Scope 1, 2, and 3 emission sources to support carbon offsetting agreements.

EY's decarbonisation journey made it a logical choice for a partner to support us in this space. In January 2020, EY made a bold declaration that it would become carbon neutral for the year 2020, which it duly achieved. In January 2021, EY furthered its decarbonisation plans by announcing its commitment to reach net zero by 2025 and publicly published a seven-point action plan that sets out its journey to achieve this goal.

EY's results demonstrate its commitment to its carbon ambition. EY became carbon negative in 2021 by offsetting 134% of its 2021 carbon footprint. In September 2021, the Science-Based Targets Initiative (SBTi) validated EY's 1.5°C emissions reduction pathway, which includes a 40% reduction in EY's absolute emissions by 2025 compared to its 2019 baseline. In fact, and admittedly driven largely by the decrease in business travel due to COVID-19 related travel restrictions, EY has reduced its total emissions by 60% in 2021.

EY's journey to net zero



The partnership with EY has helped Extreme E mitigate our environmental and social impacts throughout Season 1. EY has developed a bespoke Social and Environmental Impact Assessment framework for Extreme E. The framework is consistent with the World Bank Environmental and Social Framework and provides a guide for us to follow to assess our impact in a way that is proportionate for each race location. EY has also supported us in the development of our inaugural sustainability strategy and this sustainability report.

Through this partnership, EY has assisted Extreme E's efforts to highlight the impact of climate change and the benefits of electric vehicle adoption and e-mobility through thought leadership participation of team members in panel discussions and industry insights.

SUSTAINABILITY GOVERNANCE

Extreme E is overseen by a Board, which is responsible for the leadership, stewardship, strategic direction and governance of the organisation. The Board operates under a charter, and undertakes an annual review of its own performance and that of the Chief Executives.

Extreme E's C-Suite is responsible for providing strategic leadership in all aspects of Extreme E's operations, including the development and implementation of our sustainability strategy. More information on our sustainability strategy is on p. 14–17 Extreme E's Scientific Committee provides advice and counsel to the Extreme E Board and management.

Extreme E Science Committee

Extreme E is the first sporting championship to convene an independent Scientific Committee to provide advice on its activities, which include our climate and sustainability research and Legacy Programme projects. The Scientific Committee comprises industry-renowned climate scientists, including academics from leading universities. They are experts on the ecosystems where we hold races, including deserts, islands, oceans, the Arctic and the Amazon. As Extreme E's Founding Scientific Partner, the Enel Foundation helps coordinate our scientific research and supports our Legacy Programme global outreach activities. More information on our Legacy Programme is on p. 34–41.



SCIENTIFIC COMMITTEE



PROF. PETER WADHAMS
Head of Scientific Committee 2021 & Arctic Expert
Head of Ocean Physics, University of Cambridge



PROF. LUCY WOODALL
Ocean Expert
Principal Scientist, Nekton Foundation



PROF. RICHARD WASHINGTON
Head of Scientific Committee 2022 & Desert Expert
Professor of Climate Science, University of Oxford



DR. FRANCISCO OLIVEIRA FILHO
Amazon Expert
Amazon deforestation specialist, University of Cambridge



PROF. CARLOS M. DUARTE
Climate Expert
Distinguished Professor, King Abdullah University of Science and Technology



ENEL FOUNDATION
Scientific Partner to Extreme E

02 SUSTAINABILITY STRATEGY



SUSTAINABILITY STRATEGY

Extreme E's purpose is to use the power of sport to champion science-backed impact and to inspire our fans and communities to raise their climate ambition.

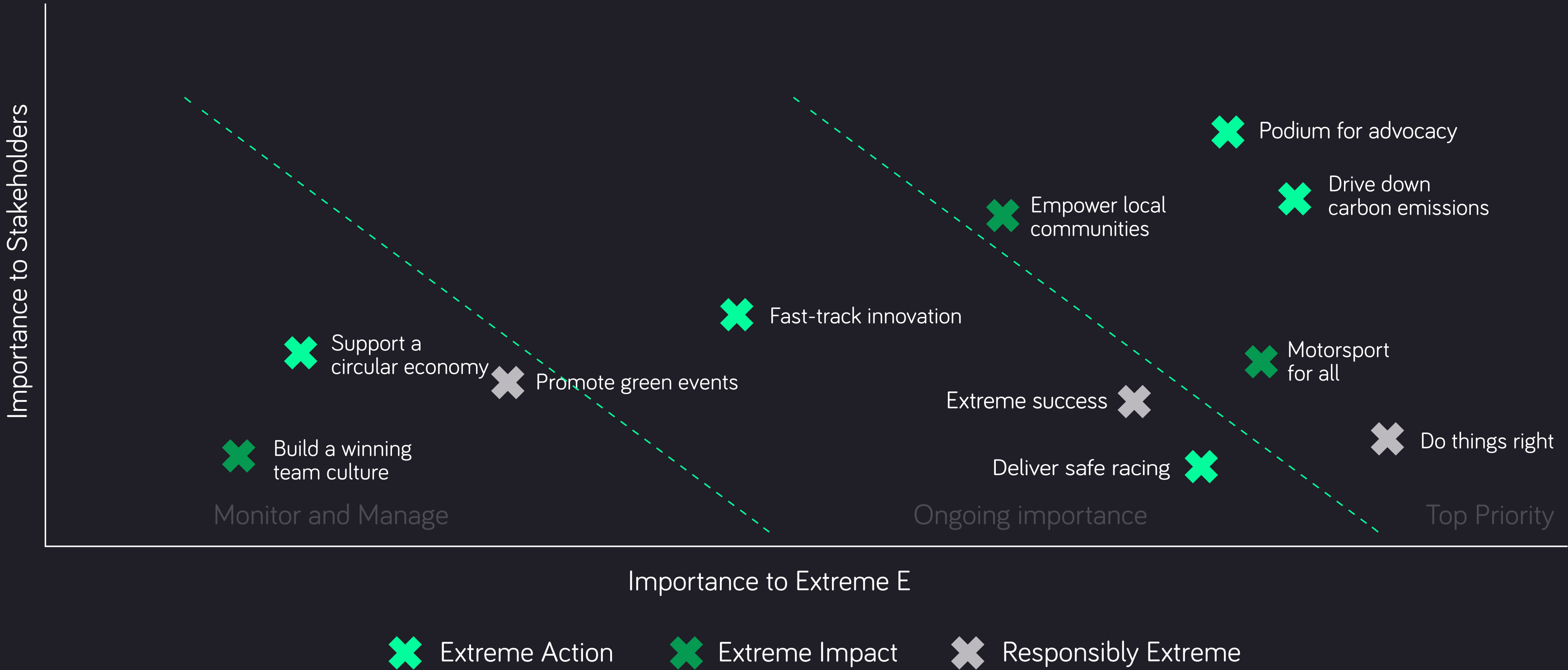
Extreme E was born out of concern about the climate crisis. We use sport to raise awareness of the serious issues our planet and its people are facing, and what we can do to help address those issues. In 2021, Extreme E developed its first sustainability strategy. The strategy will focus our efforts in the coming years so that we can maximise our impact.

The starting point for the strategy was an assessment of our material sustainability issues, drawing on the principles of the Global Reporting Initiative (GRI). As part of our materiality assessment, EY reviewed industry and peer documents, and independently interviewed Extreme E's stakeholders to understand the sustainability topics raised and the level of importance they placed on each topic. Scores for each topic were then applied using a detailed set of criteria, the result of which was used to identify the most material sustainability topics for Extreme E.



MATERIALITY ASSESSMENT

The materiality matrix below reflects the relative importance of our material sustainability topics to Extreme E and to external stakeholders.



SUSTAINABILITY STRATEGY

Purpose

To use the power of sport to champion science-backed impact and to inspire our fans and communities to raise their climate ambition.

ESG Themes



EXTREME ACTION



EXTREME IMPACT



RESPONSIBLY EXTREME

ESG Topics

- 1. Podium for advocacy
- 2. Drive down carbon emissions
- 3. Fast-track innovation
- 4. Support a circular economy

- 5. Empower local communities
- 6. Motorsport for all
- 7. Build a winning team culture

- 8. Extreme success
- 9. Promote green events
- 10. Do things right
- 11. Deliver safe racing




Note: Topics are defined further in the following sections.

SUSTAINABLE DEVELOPMENT GOALS (SDGS)

We compared our current activities against the SDGs to understand our current alignment and potential ability to make a meaningful contribution to the SDGs.

Sustainable Development Goals (SDGs)

A collection of 17 interlinked global goals designed to be a blueprint to achieve a better and more sustainable future for all. The SDGs were set up in 2015 by the United Nations General Assembly and are intended to be achieved by the year 2030.

SDGS	WHAT THIS MEANS FOR EXTREME E
<div>5</div> <div>GENDER EQUALITY</div> <div></div>	From day one, Extreme E has stood for gender equality. The championship has been designed to increase women’s representation in motorsport and provide a level playing field in a traditionally male-dominated sport.
<div>7</div> <div>AFFORDABLE AND CLEAN ENERGY</div> <div></div>	We use renewable energy to power our vehicles and events to showcase the capabilities and scalability of natural energy sources, and to encourage wider uptake of sustainable technologies.
<div>9</div> <div>INDUSTRY, INNOVATION AND INFRASTRUCTURE</div> <div></div>	We are using our global platform to drive technological change. We partner with companies that offer innovative solutions that push the boundaries of technology to pave the way to a lower carbon future.





SDGS	WHAT THIS MEANS FOR EXTREME E
<div>11</div> <div>SUSTAINABLE CITIES AND COMMUNITIES</div> <div></div>	We are working with manufacturers to develop next-generation technology in electric vehicles (EVs) and use the power of sport to encourage the wider adoption of EVs.
<div>13</div> <div>CLIMATE ACTION</div> <div></div>	We embed climate positive action into our operations and design of the championship. We use our sporting platform and global reach to inspire our fans to take action on climate change.
<div>17</div> <div>PARTNERSHIPS FOR THE GOALS</div> <div></div>	We work with likeminded partners who are committed to driving sustainable innovation and being a platform for positive change within their industries.

03 EXTREME ACTION



EXTREME ACTION

Extreme Action refers to our efforts to address the environmental impacts of climate change, including advocacy and education, minimising our event and operational emissions, supporting innovation in technology, and managing our value chain.

SUSTAINABILITY TOPICS	DEFINITION	UN SDGS	KEY METRICS
Podium for advocacy	Using the power of sport and the excitement of motor racing to inspire fans to take practical steps on climate change and sustainability.	<div><div><div>7 AFFORDABLE AND CLEAN ENERGY</div><div></div></div><div><div>11 SUSTAINABLE CITIES AND COMMUNITIES</div><div></div></div><div><div>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</div><div></div></div><div><div>13 CLIMATE ACTION</div><div></div></div></div>	<ul style="list-style-type: none">8,870 tCO₂-e emitted during Season 11,774 tCO₂-e average emissions per raceThe emissions created during Season 1 have been offset by VCS certified emission reductions.
Drive down carbon emissions	Mitigating the effects of climate change by reducing our GHG emissions and carbon footprint.		
Fast-track innovation	Being a hub of transport innovation and the latest clean technology by using our platform and partnerships to drive technological innovation and market this to consumers.		
Support a circular economy	Embedding the principles of circular economy into our business strategy and reducing waste associated with operations, events and our broader value chain.		

MINIMISING EMISSIONS

Transport accounts for over 25% of emissions globally, and road transport represents 75% of those emissions.

We use our entertainment platform to showcase the most sustainable way to run motorsport events, promote the adoption of electric vehicles, and work with partners on innovative ways to drive down carbon emissions.

We work to minimise emissions from all our activities by:

- *Racing only 100% electric vehicles.*
- *Partnering with vehicle manufacturers including CUPRA and GM to develop future EV technology.*
- *Providing zero emission power generation using hydrogen fuel cells which are generated through water and solar power.*
- *Transporting all our vehicles, event infrastructure and operational equipment using sea freight onboard the 7,000-tonne St. Helena, which is less carbon intensive than air freight.*
- *Remote broadcast production.*
- *Media first entertainment product with no on-site fans.*
- *Capping the number of members each team has on-site to seven each – two drivers, one engineer, and four mechanics.*
- *A combination of hydrogenated vegetable oil (HVO) and upcycled, second-life Zenobe batteries, provide the energy required to run a major motorsport event in some of the world's most extreme conditions.*



CARBON FOOTPRINT

The Extreme E championship was designed to have the smallest possible carbon footprint: from using sea rather than air freight to using hydrogen fuel cells for vehicle charging. However, our activities inevitably generate some emissions, and freight is the most material source. We have done a preliminary calculation of our emissions inventory from Season 1, as detailed on the next page, and are currently working with EY to calculate our total footprint to understand how we can improve on our existing efforts and ultimately further minimise our emissions.

Before commencing Season 1, we modelled the potential emissions from logistics and found that we could reduce transport emissions by over 75% by using sea freight as opposed to air freight. By choosing to transport all vehicles, event infrastructure and operational equipment by sea, we have kept our emissions as low as possible, and, coupled with offsetting the remaining emissions, have delivered a carbon neutral racing championship from inception.

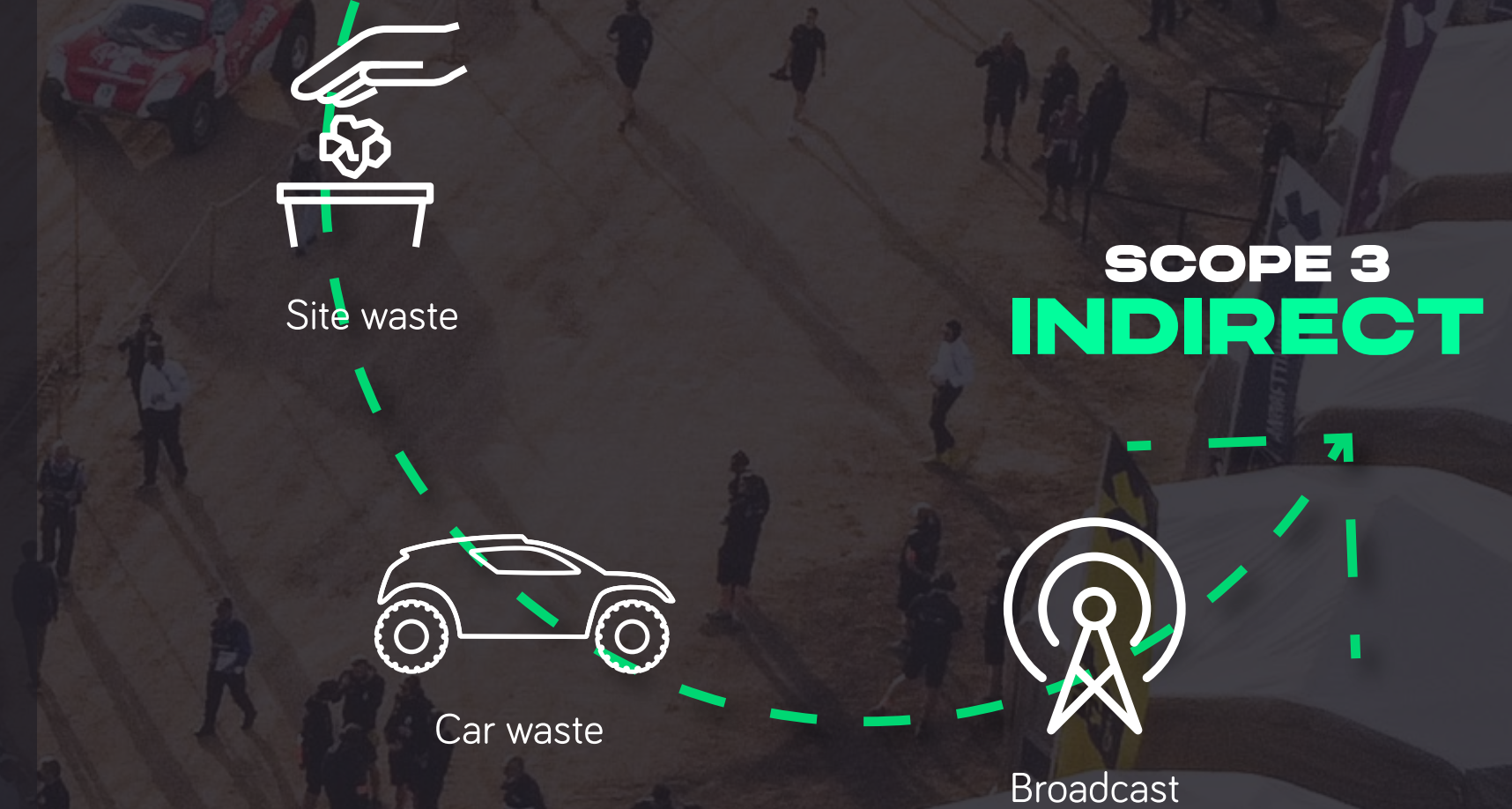
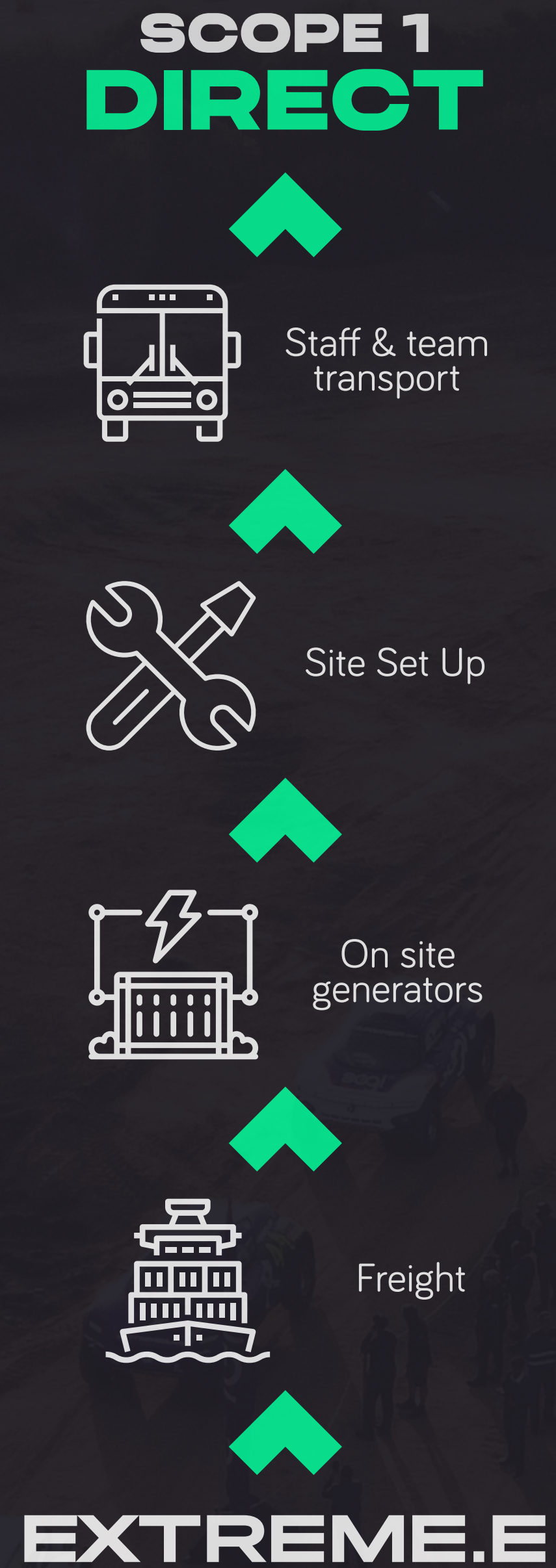
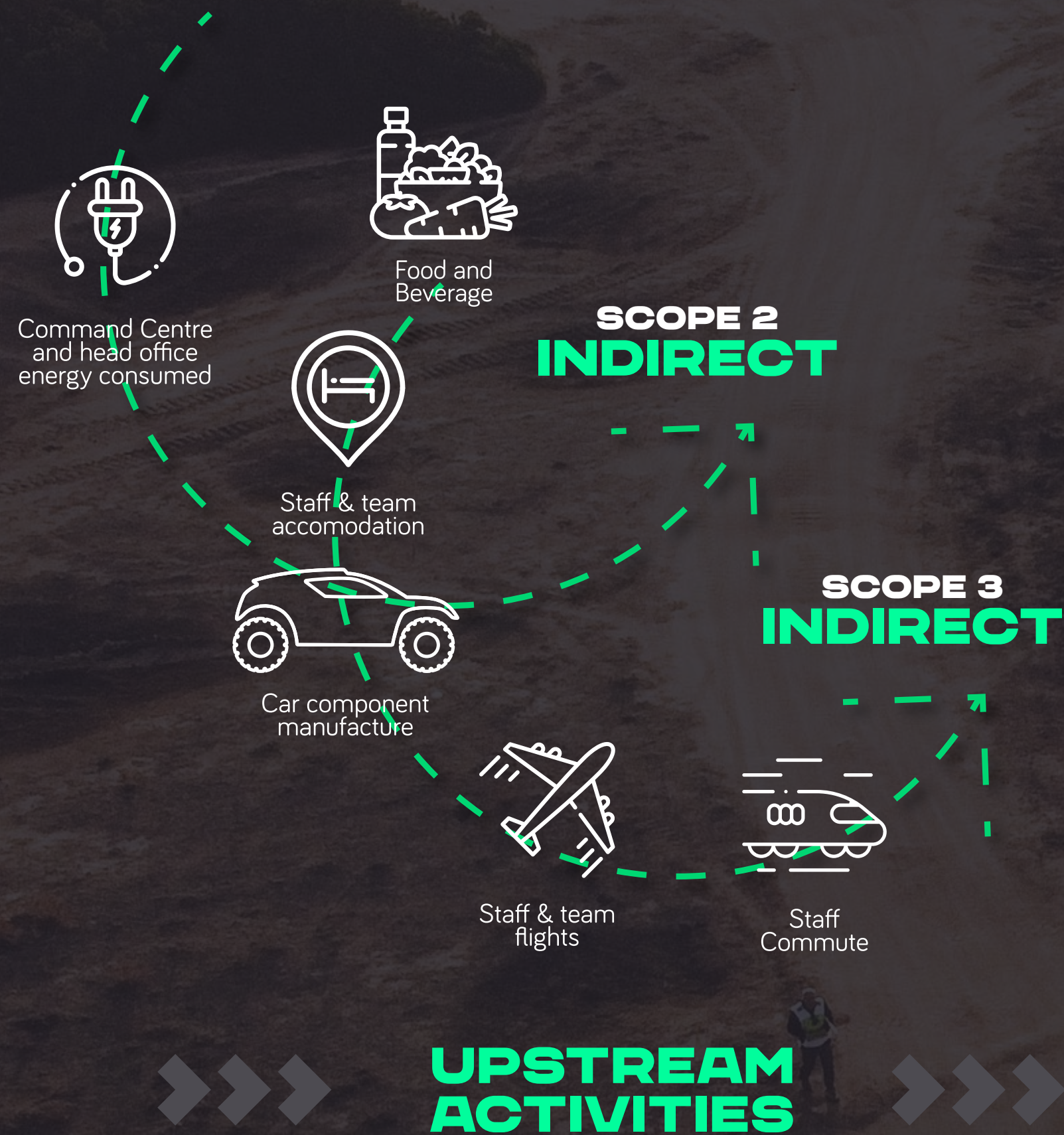
At the end of Season 1, we calculated our total carbon emissions. Preliminary results from this calculation have given us a total of 8,870tCO₂e across the five races (average of 1,774 tCO₂e per race). Our preliminary emissions inventory includes Scope 1, Scope 2 and quantifiable Scope 3 sources. This currently includes all material activities but excludes some non-material emissions related to water transportation, broadcast and print media, and some on-site operational activities (based on pre-championship estimates of emissions from air freight).

Our preliminary carbon emission calculation captures:

- *Material pre-season activities*
- *Travel required to identify locations for our races*
- *Freight required to move our vehicles and supporting infrastructure around the globe*
- *Power sources required for remote racing*
- *Food and beverages consumed on-site*
- *Event waste and consumables*
- *The embodied emissions for the car batteries, tyres, chassis, and shells*
- *Other small and incidental emissions required to carry out an international racing championship.*
- *Head office energy consumption*

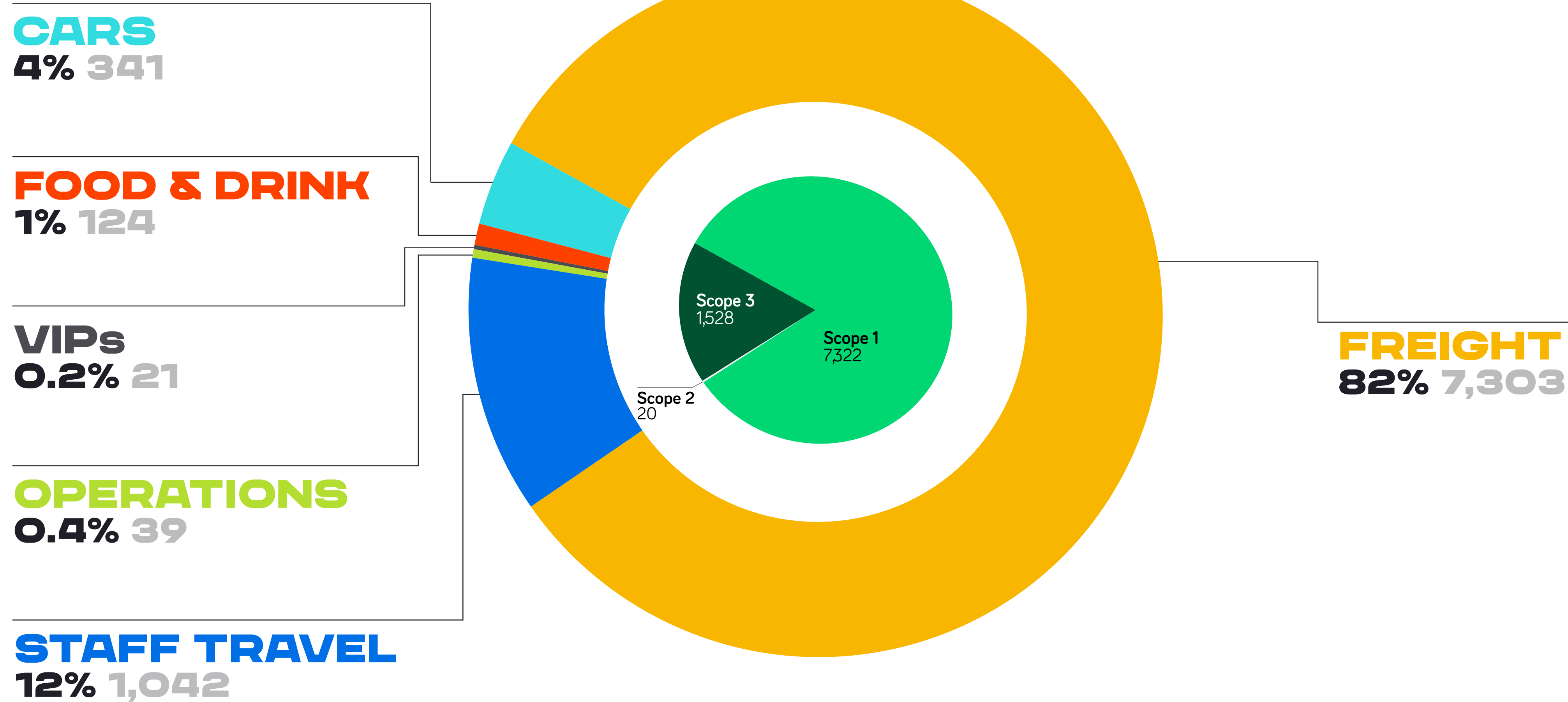


GREENHOUSE GAS EMISSIONS



SEASON ONE CARBON FOOTPRINT

The following diagram outlines our
Season 1 emissions by key categories:



*All figures in tCO₂e

CARBON OFFSET



Extreme E offsets emissions that it cannot avoid through partnership with ALLCOT, a world leader in carbon project development and sustainability initiatives. ALLCOT works on projects with governments, businesses and communities to develop long-term sustainable solutions for climate change mitigation.

Extreme E has offset its Season 1 carbon footprint by investing in environmental certificates from the (Umbrella) PER 1 & 2 Chubut Wind Power Plants Project. The wind farm is located in Patagonia, Argentina, which is well known as being one of the windiest regions of the world. This is currently the largest Wind Farm in Argentina with 43 turbines and 80 MW installed capacity. Thanks to this project, each year 300 GWh of clean renewable electricity is supplied to the grid and 190,000 tons of GHG emissions are prevented from entering the atmosphere.

ALLCOT verification: VCS



ST. HELENA

In 2018, Extreme E purchased the St. Helena, a former Royal Mail Ship that carried passengers and cargo. Extreme E has given the St. Helena a multi-million Euro renovation to minimise emissions and has completely overhauled her interiors to transform her into our operations hub, complete with an on-board research laboratory.

By using the St. Helena to transport all vehicles, event infrastructure and operational equipment, Extreme E estimates that it has been able to reduce its transport emissions by 5,200tCO₂e throughout Season 1 compared to if air freight was used.



SCIENCE LAB

refurbished from a 20 square metre swimming pool

PROPELLERS

refurbished to reduce friction and reduce energy required

ENGINE

runs on low-sulphur marine diesel

KITCHEN

hydroponic system for herbs and garnishes

UNDERSIDE

anti-fouling paint removes friction and reduces energy and emissions

BATHROOM

low water-consumption fittings

LIGHTBULBS

4,000 low-energy LED lights

CHAIRS

made from recycled plastic bottles collected from the Mediterranean Sea

enel x

Battery

WILLIAMS | ADVANCED
ENGINEERING

The 54kWh batteries are designed to withstand extreme temperatures, conditions and terrains and have a maximum power output of 470kW.

ODYSSEY 21

Shell

 **Bcomp**[®]

The shell is made from natural flax fibre, which emits 75% less carbon than metal shells from cradle to gate.

Chassis

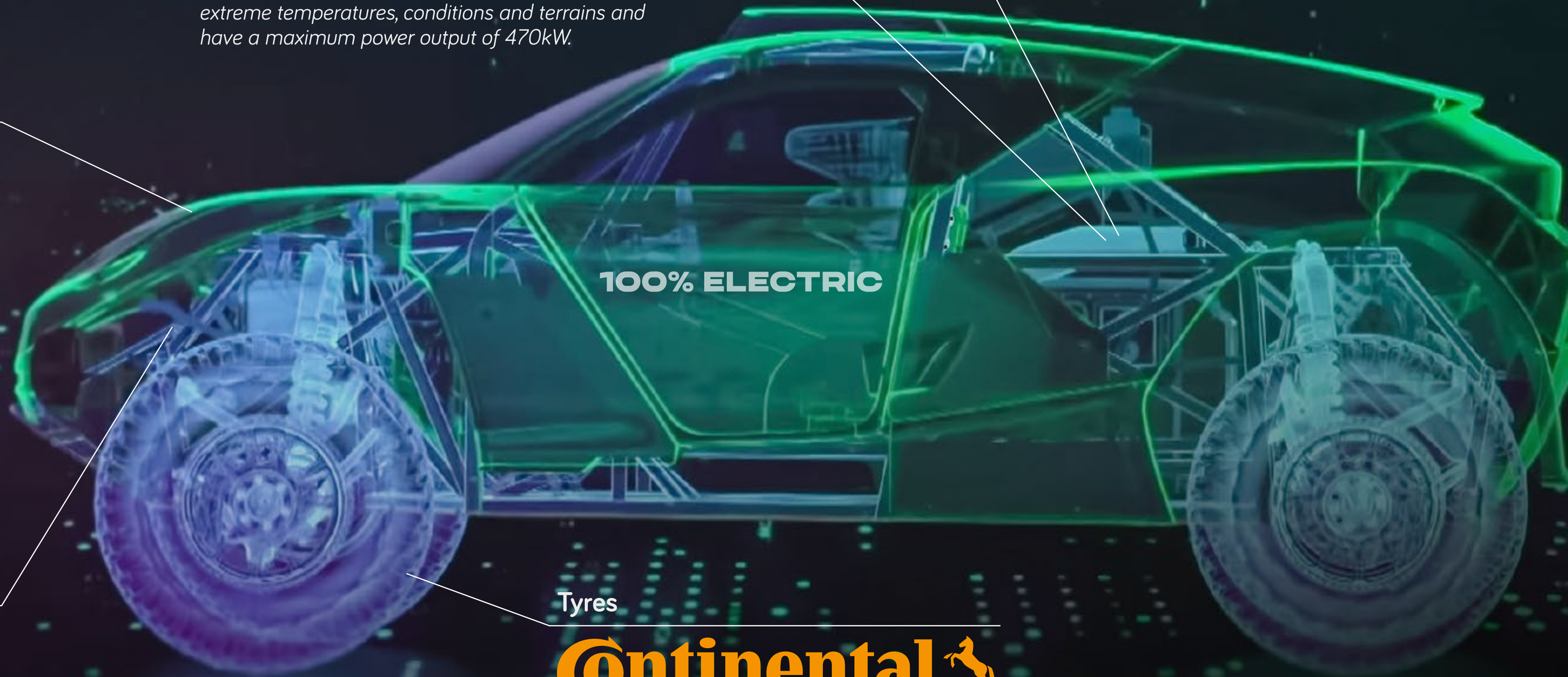
Niobium Nb

The chassis is made from sustainably sourced niobium metal, which makes the ODYSSEY 21 chassis stronger and lighter – therefore, more durable and energy efficient – than a traditional rally car chassis.

Tyres

Continental 

The ultra high-performance tyres were developed especially for extreme conditions and Extreme E's electric rally SUVs, which are heavier than electric passenger SUVs and need extra power on acceleration.



COUNT US IN

COUNT US IN

One of Extreme E's goals is to highlight the challenges of climate change and inspire fans to reduce their carbon footprint. In 2021, Extreme E joined forces with Count Us In, a group of global companies united in taking action on climate change, to launch the Extreme E Count Us In Challenge. The challenge calls on Extreme E fans to take steps to reduce their carbon footprint and urge governments, cities and businesses to do more to address climate change.

The Extreme E Count Us In Challenge brings the voice of racing fans, drivers, teams and sponsors to industry discussions and policymakers, highlighting the need to accelerate progress on clean transport. In Season 1, fans pledged to avoid single-use plastic, to walk or cycle more, to eat more plant-based foods, to drive electric vehicles, among other actions.

The Count Us In Challenge supports the UNFCCC's Race To Zero Campaign. Alongside Count Us In, the Drive Electric Campaign, Route Zero, and Bloomberg Green, Extreme E also supported the UN High Level Climate Action Champions Nigel Topping and Gonzalo Muñoz in their presentation of the Count Us In Citizens' Declaration, which is an open call by more than 35 key policy, industry and civil society actors for world leaders to adopt comprehensive policies to accelerate the transition to zero-emissions road transport.

Extreme E will be running the Count Us In Challenge again in Season 2.

*Total campaign data from: count-us-in.org

250K
people



115M KG
CO2e carbon avoided

9.6M
steps taken



04 EXTREME IMPACT

EXTREME IMPACT

Extreme Impact refers to our efforts to have a positive impact on the people who interact with Extreme E: the local communities where we race, the broader motorsport industry, especially women in motorsport, and Extreme E’s employees.

SUSTAINABILITY TOPICS	DEFINITION	UN SDGS	KEY METRICS
Empower local communities	Connecting with community members and leadership in the places where we race; and engaging with, and contributing to, the future of communities impacted by the effects of climate change.	<div><div>5GENDER EQUALITY</div><div>11SUSTAINABLE CITIES AND COMMUNITIES</div></div>	<ul style="list-style-type: none">50:50 male and female sporting format54:45 male to female workforce at Extreme E HQ with representation of 14 nationalities9 Legacy Programmes supported in 5 continents with an emphasis on land-based, marine and community projects.
Motorsport for all	Accelerating cultural change that inspires and empowers all individuals from all backgrounds to take part in motorsport, and ensuring that there is equal opportunity between genders.		
Build a winning team culture	Ensuring our employees are engaged in their roles and with our culture, purpose, values and future transformation.		

EXTREME IMPACT

Sustainability encompasses more than environmental issues. There is a growing expectation that organisations consider their impact on their communities and how they can drive positive change to improve outcomes for these stakeholders.

The world's most disadvantaged communities live in areas that are most exposed to the impacts of climate change, and these communities have the fewest resources to respond to these impacts. By hosting races in these locations, Extreme E is using our platform to raise awareness of the challenges the most climate-affected communities and ecosystems face and working to improve outcomes through our Legacy Programme.

Extreme E is also making a difference in women's representation in motorsport, which has historically been male-dominated. While a growing number of women are participating in motorsport, there remain challenges to participation, including financial barriers and difficulty attracting sponsorships. Extreme E levels the playing field by having women and men compete in the same arena. Our racing format gives drivers the opportunity to show off their skills and race against the world's best drivers, regardless of gender.



EcoZone Project | *Dakar, Senegal*



Catie Munnings & Timmy Hansen | *Andretti United Extreme E*

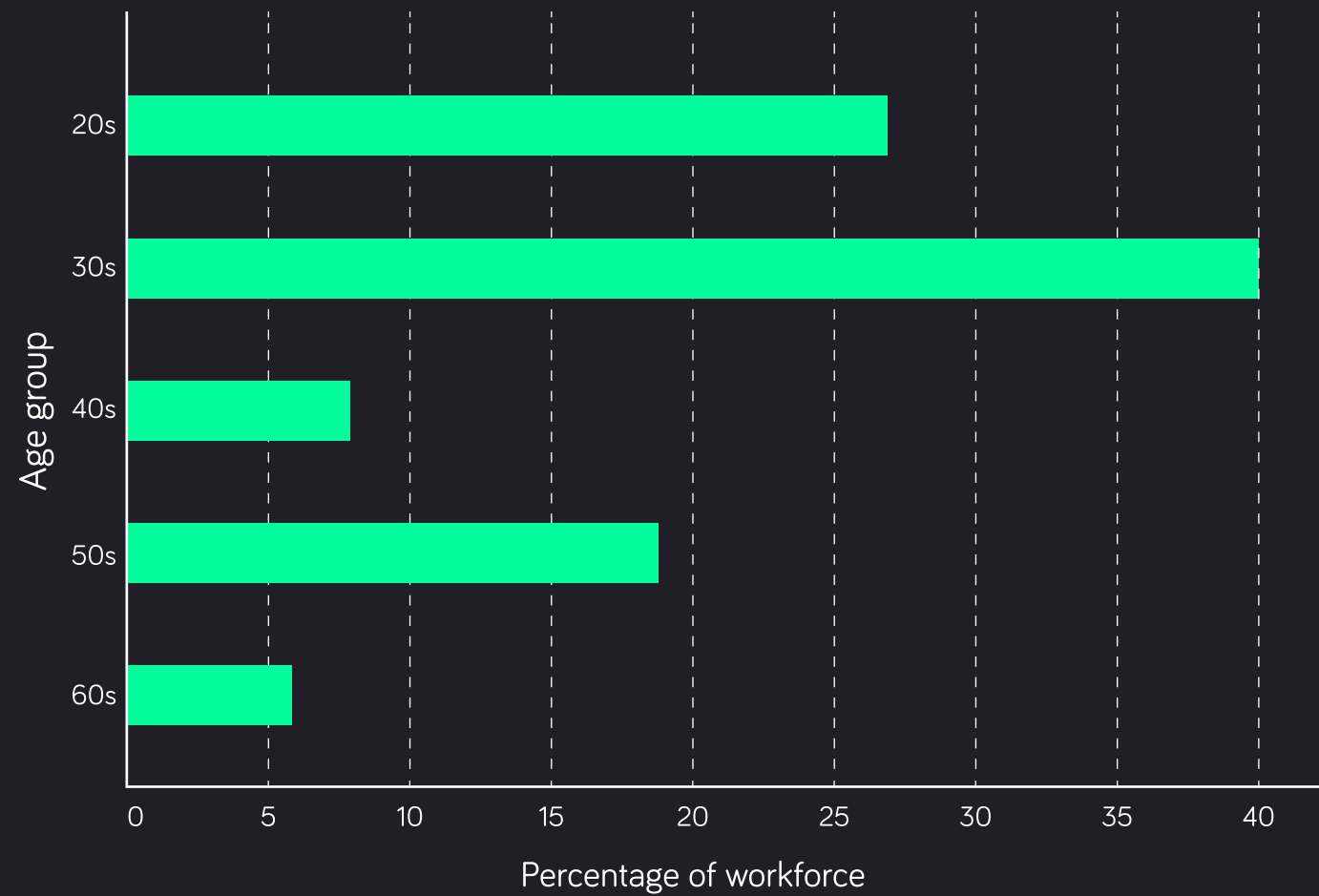
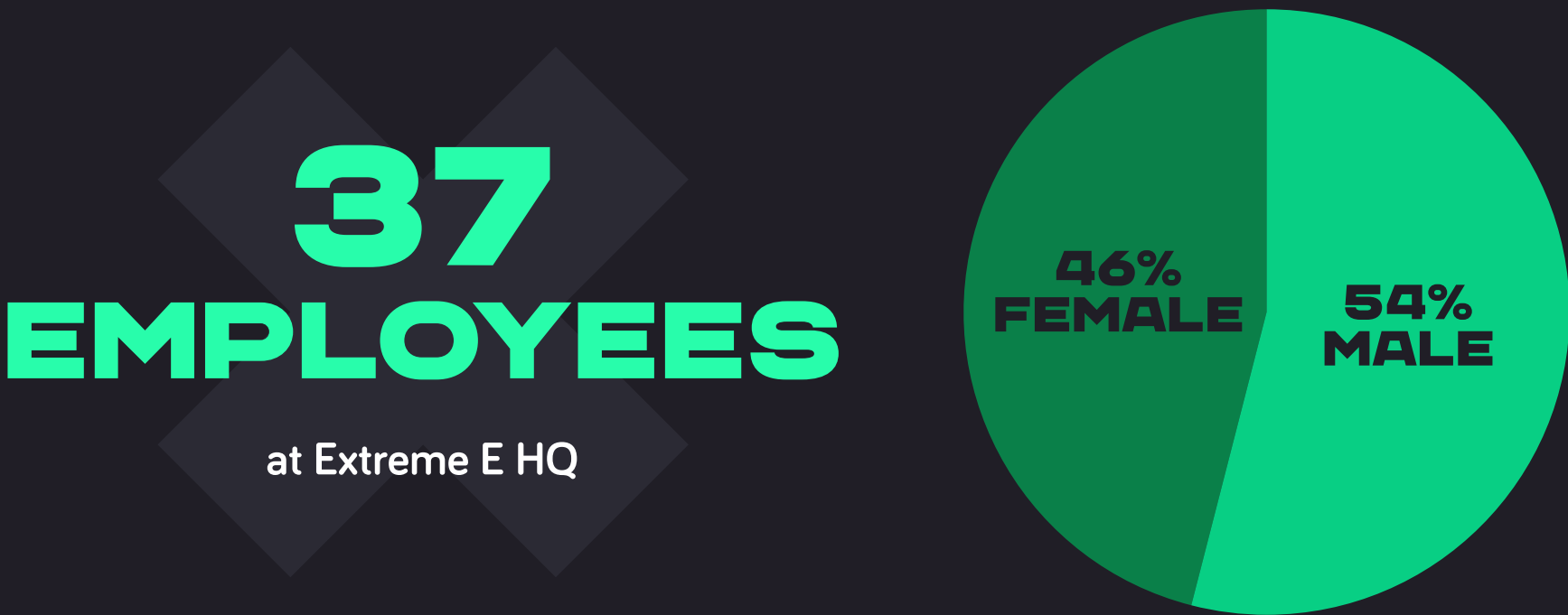
EXTREME E TEAM

Extreme E would not be able to achieve as much as we have in Season 1 without our team members, who are purpose-driven and who love sport. We pride ourselves on having a winning team culture that challenges the way things are done.

Having a winning team culture is a key factor in attracting and retaining the best people to join us on the journey to use sport to address climate issues.



EMPLOYEE COMPOSITION ACROSS SEASON ONE



22-62
workforce age range





“Everyone has to win on climate because otherwise no one wins.

What Extreme E is doing is actually breaking the boundaries of technology and showing what is possible with electric mobility and also helping us to break the boundaries of our mental barriers that tell us that maybe we cannot address climate change – but what if we can? What if we go at it with the same driven mentality that was shown at the Arctic X Prix?”

Christiana Figueres

Executive Secretary of the United Nations Framework
Convention on Climate Change (UNFCCC) 2010-2016

LEGACY PROGRAMME

Extreme E chooses race locations that have been negatively impacted by climate change to raise awareness of the challenges the ecosystems and communities face. In every race location, we aim to work with local community groups on specific local needs to leave a positive, lasting legacy. We do this through the Extreme E Legacy Programme, guided by an independent Scientific Committee (see p.12).

The Scientific Committee advises our project team on what initiatives might best support local communities and protect the local environment. The Committee also advises us on how to engage appropriately and respectfully with the communities and how to ensure they are appropriately consulted and involved in decision-making.

In Season 1, we partnered with the following NGOs to deliver our Legacy Programme projects:

The Nature Conservancy
Protecting nature. Preserving life.

unicef

enel
Foundation



To:




جامعة الملك عبد الله
للعلوم والتقنية
King Abdullah University of
Science and Technology
Foundation
Prince Badr Bin Farhan



LEGACY PROGRAMME

Extreme E identifies the most suitable and impactful projects for each race location with support from the Scientific Committee, partner NGOs, and engagement with the local community. We choose projects that:

- Prioritise the empowerment of local communities
- Provide long-lasting, sustainable solutions with maximum impact
- Build resilience by helping the most vulnerable people to adapt to climate change by restoring and conserving habitats
- Promote renewable energy that grows economies while reducing carbon emissions
- Inspire conservation through encouraging people to talk about climate change and work towards a better future
- Have experts with demonstrated success running projects in the country
- Have established networks and connections in the country

MARINE	LOCATION	
Turtle conservation	Saudi Arabia	
Mangroves	Senegal	
Seagrass	Italy	
LAND BASED	LOCATION	
Amazon conservation	Brazil	
Rewilding	United Kingdom	
Regreening	Saudi Arabia	
COMMUNITY	LOCATION	
Climate education	Greenland	
Circular community	Senegal	
Renewable energy	Greenland	

SEASON ONE LEGACY PROGRAMMES

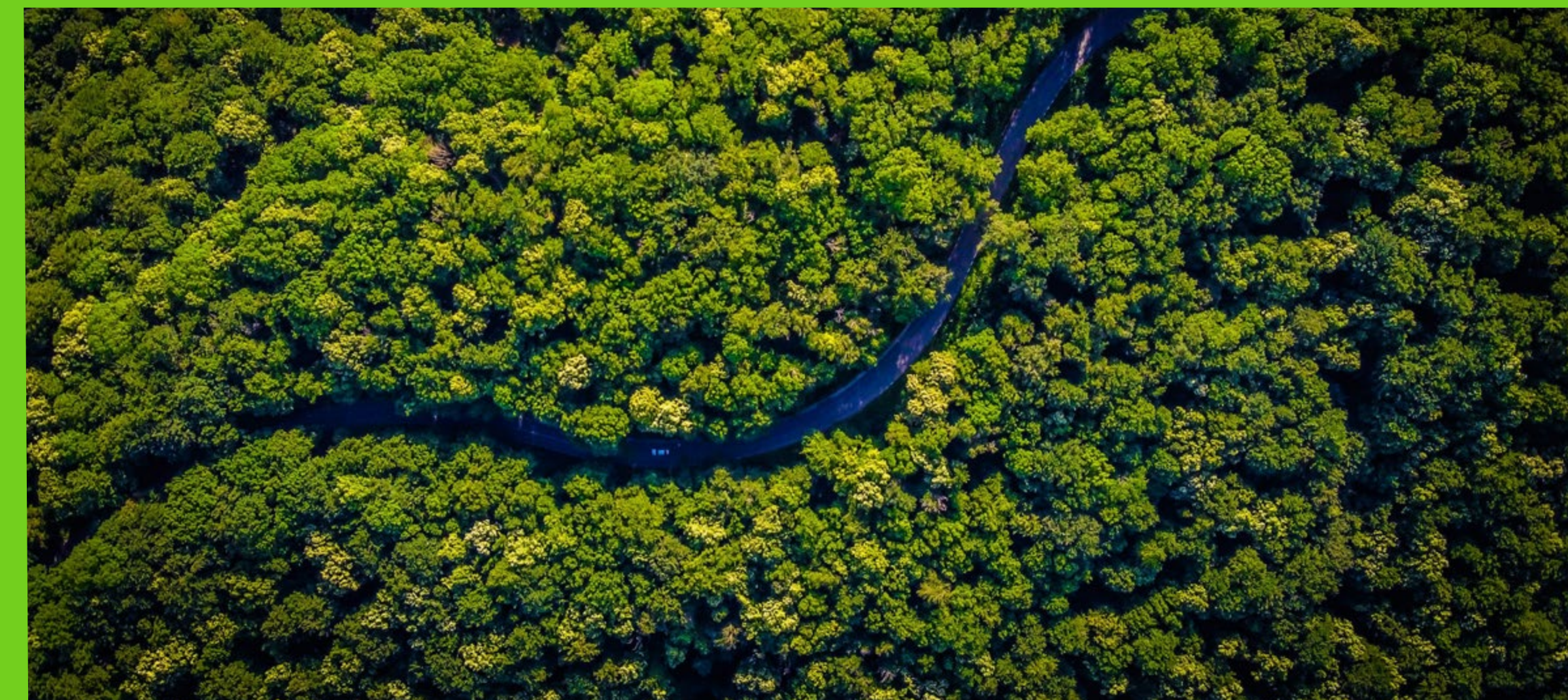
The State of Pará, Brazil, holds 9% of the world's tropical forests but is known as the 'arc of deforestation' as it holds one of the fastest deforestation rates in Brazil.

We have partnered with The Nature Conservancy's Forest Cocoa Project which provides technical assistance to farmers from the municipalities of São Félix do Xingu and Tucumã, Pará, to encourage them to grow native cacao trees to reforest degraded lands and provide a more sustainable source of income.

Extreme E's funding will enable the expansion of cocoa agroforestry on degraded pasturelands, helping local farmers harvest higher value commodity beans and building sustainable livelihoods for their families.

This project will sequester carbon dioxide from the atmosphere and benefit 425 hectares of rainforest (equivalent to an area one third larger than New York's Central Park (340 hectares).

PARÁ, BRAZIL



SEASON ONE LEGACY PROGRAMMES

Mangroves:

Together with TO.org, our Legacy Partner in Senegal, and local NGO Oceanium, we planted one million mangrove trees, covering a total area of 60 hectares in Dakar.

Conserving and restoring mangroves is essential to fighting climate change because they:

- *Help reduce erosion and maintain water quality.*
- *Provide protection from storms and cyclones.*
- *Sequester carbon at a rate of two to four times greater than mature tropical forests.*
- *Store three to five times more carbon than tropical forests.*

EcoZone:

We also supported a project called EcoZone, committed to improving sustainable practices in Niaga, a community close to the race site.

The project included:

- *Experiential learning at local schools to make them the hub for sustainable action and community cohesion*
- *Regenerative agriculture for productive land usage*
- *Tree planting activities to help tackle climate change while increasing greener and healthier living*
- *Eco-construction by creating EcoBriques out of plastic refuse which were used to build much needed toilet blocks in the school.*

DAKAR, SENEGAL



Oceanium



Oceanium



EcoZone



EcoZone

SEASON ONE LEGACY PROGRAMMES

We partnered with UNICEF and created education resources to teach 3,600 students in Greenland about climate issues.

The XITE ENERGY racing team installed a solar power set-up in the local school. The school is now home to a 5kW ground-mounted solar array with an accompanying 5.2kWh battery storage system.

A collaboration with the Danish Automobile Sports Federation (DASU), and the municipality of Qeqqata and Kalaanni Teknikkimik Ilinniarfik, provided electric go-karts to the local school. The programme uses the fun and motivation of motorsport to excite young students about e-mobility.

KANGERLUSSUAQ, GREENLAND



Icecap sample collecting



Solar panels with XITE ENERGY



SEASON ONE LEGACY PROGRAMMES

We worked with the Mediterranean Sea and Coast Foundation (MEDSEA) to support two legacy initiatives.

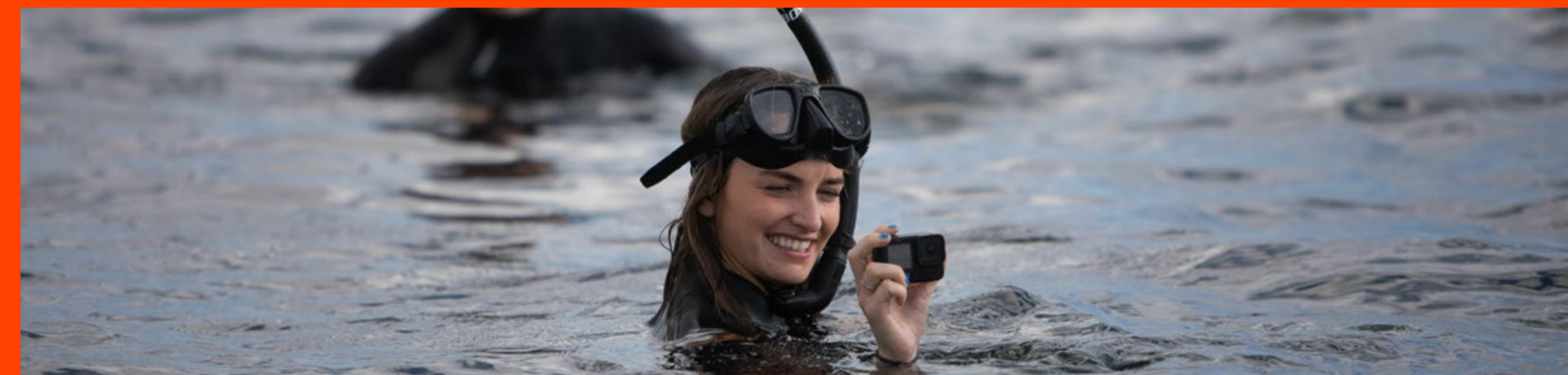
The first was a reforestation project in Sardinia to support community recovery efforts following devastating forest fires earlier in the year.

We also supported a project to replenish seagrass 'poisidonia' beds around the Sardinian coastline. Posidonia is instrumental in sequestering carbon and is an essential part of marine life and the overall health of the oceans but is being damaged by increased warming of the sea.

Research has shown that replanting seagrass can be an effective tool in reversing damage and significantly improving the overall ecosystem function.



SARDINIA, ITALY



SEASON ONE LEGACY PROGRAMMES

We supported the National Trust to reintroduce three pairs of beavers into the Purbeck Heaths wetlands in Dorset.

Beavers are nature's water engineers and will improve biodiversity levels in the region.

The beavers are expected to:

- *Help open up hundreds of hectares of wetlands that have been in ecological decline for decades*
- *Restore freshwater fen and pool habitats for other wildlife.*
- *This will improve water quality and carbon storage, and reduce flood risk.*

Extreme E's support will enable the National Trust to install protective measures to ensure the beavers do not negatively impact local people, businesses or farmers, and to carry out engagement programmes with the local community.



DORSET, UNITED KINGDOM



SEASON ONE LEGACY PROGRAMMES

We collaborated with the Ba'a Foundation on a five-year conservation initiative to help protect the endangered green turtle and critically endangered hawksbill turtle along the Red Sea coastline.

This programme supported turtle conservation by:

- *Cleaning the beach of rubbish pollution and debris*
- *Building beach fencing to help protect the species during nesting season.*
- *Improve beach management and monitoring practices*
- *Import sand to raise the beach to an appropriate level for nesting.*

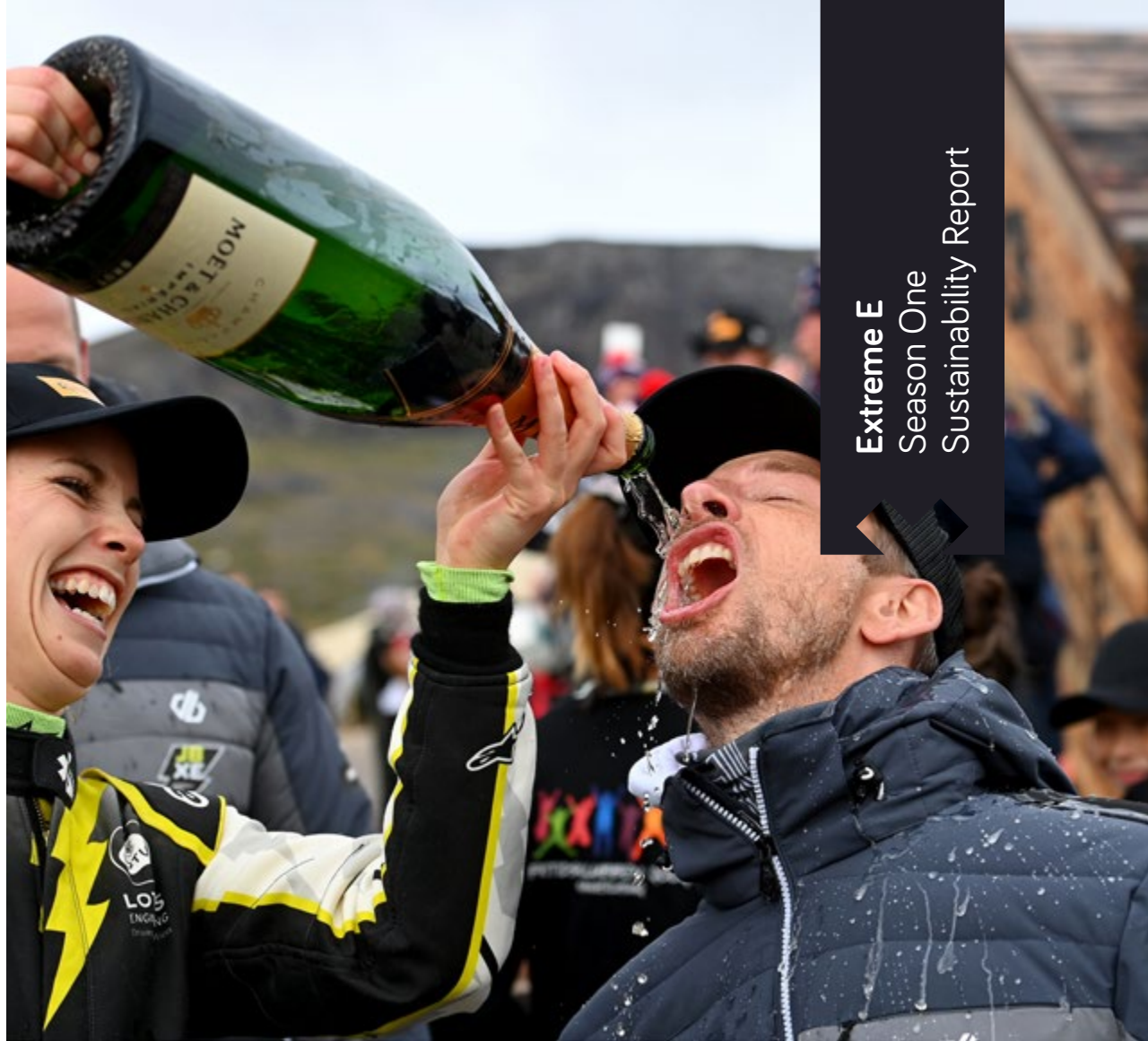
ALULA, SAUDI ARABIA



GENDER EQUALITY

Extreme E is breaking down barriers for female drivers in a world-first format for motor racing, promoting motorsport for all. Each racing team consists of a female and a male driver who share equal driving responsibilities, driving one lap each in identical ODYSSEY 21 SUVs.

We designed our championship this way to promote gender equality by creating opportunities for women in elite motorsport and providing a level playing field. We believe that giving women exposure at the highest level of motorsport contributes to diversity and equality for future generations.



GIRLS ON TRACK

We are working on grassroots initiatives to bring more girls into the sport. In 2021, we partnered with Girls on Track and Motorsport UK to give girls a taste of the thrill of racing, and hopefully change the future of what racing looks like. As part of this initiative, 40 school girls from Dorset, UK visited the Extreme E race location and got a chance to sit inside the cockpit of the ODYSSEY 21 and try their hand at changing wheels in the pit-stop competition. They also met several female drivers, including Veloce Racing's Jamie Chadwick, JBXE's Mikaela Åhlin-Kottulinsky, and SEGI TV Chip Ganassi Racing's Sara Price, and took part in a STEM coding challenge run by Enovation Consulting.








05 RESPONSIBLY EXTREME

RESPONSIBLY EXTREME

Responsibly Extreme refers to the ingredients we need to ensure that our business is financially viable in the long-term. It also refers to maintaining our social licence to operate by embedding responsible business practices and sustainability into all our activities.

SUSTAINABILITY TOPICS	DEFINITION	UN SDGS	KEY METRICS
Extreme success	Connecting with community members and leadership in the places where we race; and engaging with, and contributing to, the future of communities impacted by the effects of climate change.	<div><div><div>7</div><div>AFFORDABLE AND CLEAN ENERGY</div><div></div></div><div><div>9</div><div>INDUSTRY, INNOVATION AND INFRASTRUCTURE</div><div></div></div><div><div>17</div><div>PARTNERSHIPS FOR THE GOALS</div><div></div></div></div>	<ul style="list-style-type: none">Over 32,000 single use plates and utensils saved per race through 'Bring your own bowl' schemeUsing a combination of battery storage and HVO (hydrotreated vegetable oil), we saw a 95% reduction in CO₂ emissions compared to using standard diesel generators.
Promote green events	Running our events in some of Earth’s most remote and stunning locations while ensuring that the local biodiversity is protected by understanding, disclosing and acting to reduce the environmental footprint of our events.		
Do things right	Ensuring our employees are engaged in their roles and with our culture, purpose, values and future transformation.		
Deliver safe racing	Ensuring the health and safety of our teams and employees through effective management, monitoring and reporting of all health and safety related issues.		

RESPONSIBLY EXTREME

Motorsport is a high-speed environment, so it is integral that event organisers minimise the risk of potential accidents by adhering to relevant standards and frameworks. This in turn requires internal risk management and accountability structures to prevent misconduct, manage errors and create a culture of integrity. By having the appropriate safeguards in place, Extreme E can focus on delivering events that are environmentally sustainable and that promote long-term business success with partners that share our goals and priorities.

We aim to run our events sustainably and responsibly, and to be an example of how sport can be used as a platform to discuss environmental and social issues and drive real action.



ISO 20121



Extreme E is currently working towards ISO 20121 certification, which is the international standard for sustainability in events. ISO 20121 introduces rigour to continuous improvement on sustainability objectives and targets by requiring organisations to implement a management system focused on:

- *Environmental protection*
- *Social inclusivity*
- *Economic prosperity*



SPORTS FOR CLIMATE ACTION



Extreme E is a signatory of the UN Sports for Climate Action initiative, which calls on sporting organisations to acknowledge the contribution of the sports sector to climate change and their responsibility to strive towards carbon neutrality for a safer planet.

Sports for Climate Action works towards achieving a clear trajectory for the global sports community to combat climate change through commitments and partnerships according to verified standards, and using sport as a unifying tool to create solidarity among global citizens for climate action.

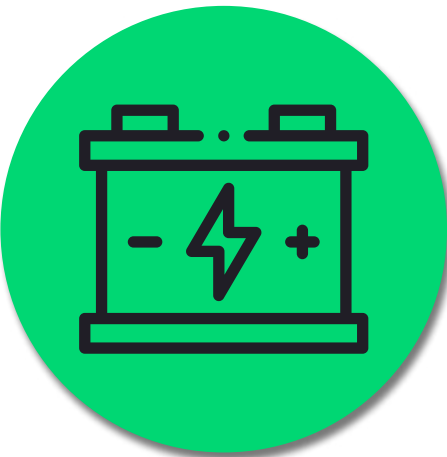
Extreme E has committed to adopt targets, measure, reduce, and report greenhouse gas emissions, and to be guided by the Sports for Climate Action's five principles:

1. *Promote greater environmental responsibility*
2. *Reduce the overall climate impact from sports*
3. *Use its platform to educate for climate action*
4. *Promote sustainable and responsible consumption*
5. *Advocate for climate action through its communications*



SUSTAINABLE BY DESIGN

Extreme E event operations include the following considerations in order to lower impact



Power generation

A second-life Zenobe battery provides an alternative to diesel generators for paddock power.



Hydrogen charging

We generate our own power source for the race cars, using solar and water to create green hydrogen.



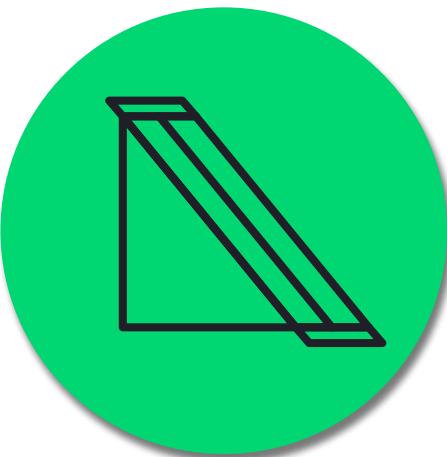
Toilet waste

We trialled composting toilets, which require no energy and no water. After the composting process is complete, the fertiliser is donated to the local community to use.



No canned drinks and snacks

This has saved 36,000 items per event (from race 3) headed for recycling.



Food packaging

We have used packaging that, if not recycled first, will self-destruct in open air environment after a year leaving no microplastics and toxins behind.



No spectators

Spectators can represent a high percentage of an event's total carbon footprint – from transport, food and beverage and merchandising. Our no spectator model has avoided significant emissions.



Water bottles

Our ban on single use plastic has saved approximately 75,000 single-use water bottles in Season 1.



Bring your own bowl

From our second race teams and drivers were asked to bring and wash their own plates and cutlery. This has saved significant compostable items from going to landfill.



Trophies

Championship and race trophies 3D printed using filament from consumer plastic waste.



Food waste

Food waste from race 5 was converted into 1000 kWh of electricity – enough to power around 85 houses for one day. We also used food drying technology, which was then converted into biogas.



Water

We use the water that is generated as a by-product from the on-site hydrogen fuel generator to clean the cars.



No permanent infrastructure

We transport all our event infrastructure on the St. Helena to each location and remove all trace when the event ends.

EXTREME E STUDIOS

Extreme E Studios captures, creates, and produces the host broadcast feed, magazine show content (x20 episodes throughout the season), original programming for documentaries (National Geographic, behind the scenes series) and activation content for event partners (Continental, CBMM Niobium, Bosch, Zenith Watches, Polymateria) and teams (X44, Abt Cupra, Veloce Racing, RXR).

The broadcast and content elements of the project are a highly complex and technologically advanced remote production, designed to keep footprint on site to a minimum. Normally for a production of this scale, there would be multiple crews flying in from various parts of the world, with crew numbers in excess of 160 people on-site.



The Extreme E Studios broadcast set up is as follows:

- Skelton host broadcast team on-site (average of 45-50 people per race in Season 1) to capture all footage – live and non-live. Sent via satellite to London.
- Sporting graphics and timing team based in Barcelona.
- AR/VR elements sent from Hilversum, Netherlands.
- All feeds are sent to London Hub, where the final show is mastered.
- English commentary team also based in London.
- World feed is sent globally to 90+ broadcasters from London.
- All host broadcast kit is transported from race to race on the St Helena – saving on air freight.
- Our on-site team adheres to all of Extreme E's sustainability initiatives – bring your own crockery etc.

The live broadcast is an Albert – Carbon Neutral Sustainable Production.

- Season 1 we achieved a 78% Carbon Action Plan Score.
- Carbon Action Plan Rating – 2 stars.
- Total CO₂e – 192.39 tonnes
- Per hour CO₂e – 19.24 tonnes
- A significant chunk of this is apportioned to travel and transport.
- We are offsetting through albert's REDD+ portfolio.
- In addition, we've made a contribution to UK tree planting in accordance with the Woodland Carbon Code.



SOCIAL AND ENVIRONMENTAL IMPACT ASSESSMENT (SEIA)

Extreme E has partnered with EY to develop a SEIA framework, which guides us to assess potential adverse social and environmental impacts from our activities and develop measures to avoid or mitigate these impacts. The SEIA framework was designed to incorporate the management of environmental and social risks and impacts into the overall planning, management and execution of each Extreme E racing championship event.

The purpose of the SEIA framework is to support Extreme E avoid, minimise or otherwise manage the potential negative environmental and social impacts of its event. This SEIA Framework provides a consistent framework to guide the development of SEIAs at each event site in line with the Environment and Social Standards (ESS) of the World Bank's Environment and Social Framework (ESF). The framework also details information the roles responsible parties are to play in addressing the event.

Social and Environmental Impact Assessment Framework

Extreme E



INDUSTRY AWARDS

The sporting industry has recognised our efforts. In 2021, Extreme E took out eight prestigious titles. We are proud to be breaking boundaries and challenging perceptions, and receiving recognition for our efforts from such a wide variety of prestigious awards bodies.

In 2021, Extreme E received the following industry accolades:

- **Motorsport UK:** Environmental Sustainability Award 2021
- **Leaders Sports Awards:** Sustainability Award
- **Broadcast Sport Awards:** Best Sport Production of the Year
- **Broadcast Tech Innovation Awards:** Technical Innovation
- **Broadcast Tech Innovation Awards:** Creative Use of AR/VR
- **Sports Business Awards:** Sports Innovation
- **Sports Business Awards:** Sustainability in Sport
- **2021 Autosport Awards:** Pioneering & Innovation Award



06 OUR PARTNERS



OUR PARTNERS

Extreme E works with partners that share our vision of using sport to raise awareness of climate change. Our partners support us in a variety of areas including vehicle innovation, charging technology, event delivery, and our Legacy Programme. We choose partners we believe are innovators in their respective areas, are aligned with our values and goals, and can help us expand our reach.



Continental

Founding Partner and Official Tyre Partner

Extreme E is the most extreme racing championship the world has ever seen.

A new race, held under unique and challenging conditions, requires a new kind of tyre. As the Official Tyre Partner of Extreme E, Continental have carefully examined the requirements of the championship and built an ultra-high-performance tyre which specifically addresses the needs of the competing teams. The performance optimized tyres are not just built for extreme conditions, but also for the unique requirements of the competing pure electric SUVs.

Scorching heat or blistering cold; muddy, sandy or icy – no matter how extreme the conditions, the drivers and their vehicles need a reliable tyre that provides grip, traction and excellent performance at every stage of the race. Continental has developed a high-performance tyre for the second season of the all-electric Extreme E racing championship. When developing the new model, the tyre engineers and materials experts at Continental have not only improved performance, but also placed particular emphasis on a high proportion of sustainable materials. Continental has therefore completely redesigned the tread compound and the carcass of the second-generation CrossContact Extreme E on the basis of sustainable materials. Overall, the new CrossContact Extreme E is made from around one-third recycled and renewable raw materials. Silica obtained from the ashes of rice husks, a waste product from agriculture, has for example been used.



Enel X

Founding Partner, Official Smart Charging Partner of Extreme E & Official Electrification Partner of Extreme E

As the Official Smart Charging & Official Electrification Partner of Extreme E, Enel X will provide charging technology, the JuicePump 40 Race Edition, to power the championship's all-electric SUV named ODYSSEY 21.

Enel X has strong roots in the energy industry working across sustainability, digitalisation and innovation. As the world's complex energy landscape grows, the company is developing and executing custom energy strategies by empowering organizations and consumers to take practical steps to reduce carbon emissions. Enel X has a strong commitment in the motorsport sector to develop and test advanced technologies, making motorsport even more sustainable, while maintaining the same level of performance and safety.

OUR PARTNERS

LUISAVIAROMA

Luisaviaroma

Founding Partner & Official Fashion Partner

Starting from April 2021 LuisaViaRoma (LVR), one of the world's leading online retailers for luxury fashion, is the official fashion partner of Extreme E. Extreme E together with LuisaViaRoma is committed to sustainability and minimizing environmental impact as well as rebuilding and restoring areas already impacted by climate change.

For each race, LuisaViaRoma has conducted a sustainable program documenting the challenges our planet is currently facing and the relative solutions: My Earth is Beating. For this ambitious project, Extreme E, LuisaViaRoma and LVR Sustainable have teamed up to raise awareness in both local communities and the global community to address the climate crisis through inclusive, human, open and honest dialogue.

Niobium Nb

CBMM Niobium

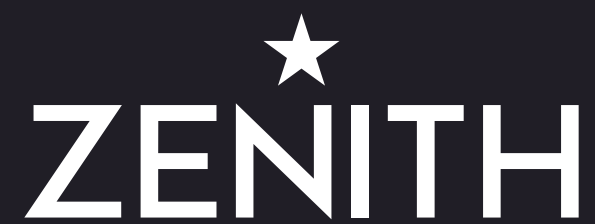
Founding Supplier / Official Niobium Technology Supplier / Official Chassis Technology Supplier

As the championship's Official Niobium Technology Supplier and Official Chassis Technology Supplier, niobium technology is used in the construction of the championship's cutting-edge electric SUV.

Essential to the automotive sector, niobium provides safer, stronger, lighter and more sustainable cars with a better energy efficiency. Its technologies are already widely applied in different areas, including safety, lightweighting, emissions reductions and electronics that will lead to a sustainable sector transformation. Key applications of niobium include the next generation of batteries, drivetrains, chassis, wheels and any number of ancillary components. Its qualities mean materials can be made lighter, more robust and more reliable – all while being more sustainable than other materials.

Each of these qualities are to ensure Extreme E's SUVs are able to cope with, and thrive within, some of the world's harshest terrains. Increased lightness breeds energy savings and improved performance, and the added strength and durability afforded by niobium technology assists the Extreme E chassis in dealing with the toughest challenges thrown their way.

OUR PARTNERS



Zenith

Founding Partner & Official Timekeeping Partner

In line with the Zenith's CSR goals and sustainability commitment based on environmental consciousness and creating a cleaner, sustainable future wherever possible, Extreme E's own Legacy Program aims to bring awareness and new initiatives to the areas where races are held, working with local NGO's and the championship's own board of scientists to bring positive change to those areas long after the races are over. Zenith has joined Extreme E in working alongside MEDSEA (Mediterranean Sea and Coast Foundation) in Sardinia on the theme of Green Carbon, supporting the forest restoration efforts in the Sennariolo area and beyond that fell victim to extensive wildfire damage, therefore enhancing green carbon stores.

With so many destinations around the world that will accommodate the electric racing championship and so much action to be undertaken to preserve and improve the ecology and sustainability of these remote environments, Zenith is proud to continue its support of Extreme E as Official Timekeeper and Founding Partner of the Extreme E 2022 season.

Zenith CEO Julien Tornare shared "We are totally blown away by the kind of energy and passion we got to witness during our first year of collaboration with Extreme E. I'm proud that Zenith can say it joined this innovative championship from day one, and that our shared values of gender equality, sustainability, and innovation for the greater good was felt in everything we did together. We can't wait for the 2022 season!".



EY

Founding Partner & Official Innovation Partner

EY originally joined the championship to help Extreme E achieve its commitment of minimizing the overall footprint whilst creating a positive legacy. In collaborating with Extreme E, EY has become a vital part of creating an Environment Impact Assessment framework which further drives the championship in the direction of positive change.

Whilst Extreme E strives to race without leaving a trace, the framework provided by EY has allowed the championship to minimize its environmental impact across each race location. Both prior and post-racing impact assessments have allowed Extreme E to strategically plan their actions within these areas.

Throughout Season 1, Extreme E have further benefited from advice and insight from leading industry professionals from the EY ecosystem, such as Dr Matthew Bell who made it clear that the "EY teams with their broad knowledge of climate change issues can help Extreme E further its mission by helping measure, monitor and manage the direct and indirect carbon footprint of the race championship". Extreme E will continue to work with EY to fulfill the ambition of leaving a positive environmental and social legacy in years to come.



OUR PARTNERS



Allianz

Founding Partner & Official Insurance Partner

At Allianz, we are proud to support Extreme E on their ambitious path, highlighting the impact of climate change and showing care for our environment by executing the legacy projects in affected areas. Together we want to shape the future of electric mobility and enable the usage of clean technologies as part of the Allianz long-term sustainability agenda. As a company we are Carbon Neutral since 2012 and commit to become net-zero in our proprietary investment portfolio by 2050.



INTERprotección

Founding Partner & Official Insurance Broker

In season one Extreme E joined forces with INTERprotección as a supplier, partner and Official Insurance Broker of the championship. INTERprotección is a recognised name in the LATAM region and is an expert in insurance, reinsurance and surety brokerage with more than 20 million individual policies and over 5,000 corporate clients.



Polymateria

Founding Partner & Official Biodegradable Packaging Supplier

Lyfecycle, developed by British innovator Polymateria, is the world's first biodegradable and recyclable plastic technology. Using time-set biodegradation, it replaces conventional plastic that sticks around for hundreds of years with plastic that will self-destruct after a year leaving no microplastics and toxins behind. Extreme E and its race teams will use Lyfecycle products at its global X Prix events, including cups, a range of food packaging solutions. The materials used on-site will be collected for recycling, with the majority turned into upcycled one-of-a-kind #reachforchange bracelets.

OUR PARTNERS



ALLCOT

Founding Partner & Official Offsetting Partner

Extreme E partnered with ALLCOT to offset the championship's carbon footprint in support of its goal to have a net-zero carbon footprint by the end of its first season. ALLCOT, a world-leader in carbon offsetting and sustainability initiatives, develops innovative impact projects which enable businesses to support local communities to protect the environment by reducing their carbon emissions.



AFC Energy

Founding Partner & Official Power Generation Supplier

In a world-first, Extreme E is the first event organiser to utilise hydrogen fuel cell generators for power generation, and the decision supports Extreme E's goal of being sustainable and creating minimal local impact on the environments in which it races. This innovative solution from AFC Energy offers a completely sustainable fuel production process. The system uses hydrogen (produced from water and sun) to generate power which is then used across all the ODYSSEY 21 E-SUVs on the grid.

AFC Energy's zero-emission, hydrogen power generator was successfully deployed at all five races in the inaugural 2021 season to generate power for the Championship's ODYSSEY 21s in a variety of harsh operating conditions ranging from Saudi Arabia to Greenland.



Neat Burger

Founding Partner & Official Plant-based Partner

Neat Burger's purpose is to offer ethical, sustainable and delicious plant-based food. The brand has rapidly gained a reputation for its pioneering approach ensuring its products appeal to flexitarian and plant-based consumers alike.

With a focus on high quality, fresh ingredients with no compromise on taste, Neat Burger provides people with compelling food alternatives, in a fun, engaging and accessible way. Neat Burger has achieved not only a loyal fanbase but industry recognition too, being voted Deliveroo's UK'S Best Vegan Brand in 2020 and nominated for 2021 GQ Food & Drink Sustainability Award.

OUR PARTNERS



Moncler
Official Uniform Supplier

Moncler provided the entire Extreme E team with a dedicated uniform to protect them during these races in remote areas. The co-branded uniforms included some of the Group's most iconic outerwear as well as t-shirts, soft accessories and footwear for the diverse types of terrain.

In addition, the initiative has also promoted a very important topic for Moncler: Diversity and Inclusion. To this end, all the teams participating in the races were made up of a male and a female driver, with the aim of promoting gender equality.



Solgaard
Official Luggage Supplier

Solgaard was founded in 2016 by Canadian-Norwegian entrepreneur Adrian Solgaard with a mission to utilise ocean-bound plastic in its range of premium, yet sustainable, tech, travel and lifestyle product portfolio. In the last two years, this pioneering company has been instrumental in preventing over 7 million plastic bottles from entering the ocean. In addition, Solgaard guarantees that for every one of its products sold, it prevents 229 plastic bottles from making their way into the world's waters.

Solgaard joined forces with Extreme E, to supply its 2021 team with sustainable luggage and travel gear made from upcycled ocean-bound plastic in advance of the Ocean X Prix in Senegal on May 29-30, 2021.



Coral Eyewear
Official Eyewear Supplier

Coral Eyewear uses recycled fishing nets to manufacture its convertible collection of sunglasses. The British brand supply sunglasses to Extreme E's personnel for use during their work on site.

OUR PARTNERS



Spark Racing Technology

Official Engineering Supplier

Spark Racing Technology, the official engineering supplier of Extreme E, develops and engineers' high performance electric cars and modules. Since its foundation, Spark serves the highly competitive electric racing sports cars market. As well as producing the Extreme E fleet of Odyssey 21 E'SUVs, the team manufactures the Formula E Gen 1 and 2 vehicles.



Williams Advanced Engineering

Official Battery Supplier

Williams Advanced Engineering joined Extreme E as a supplier of batteries for the race vehicles, the Odyssey 21. Combining cutting edge technology and the industry's best engineers with precision and speed to market derived from four decades of success in the ultra-competitive environment of Formula One, Williams Advanced Engineering provides world class technical innovation, engineering, testing, manufacturing and operational consultancy services to the automotive, motorsport, aerospace, defence, health and energy sectors.



Zenobe

Official Second-life Battery Supplier

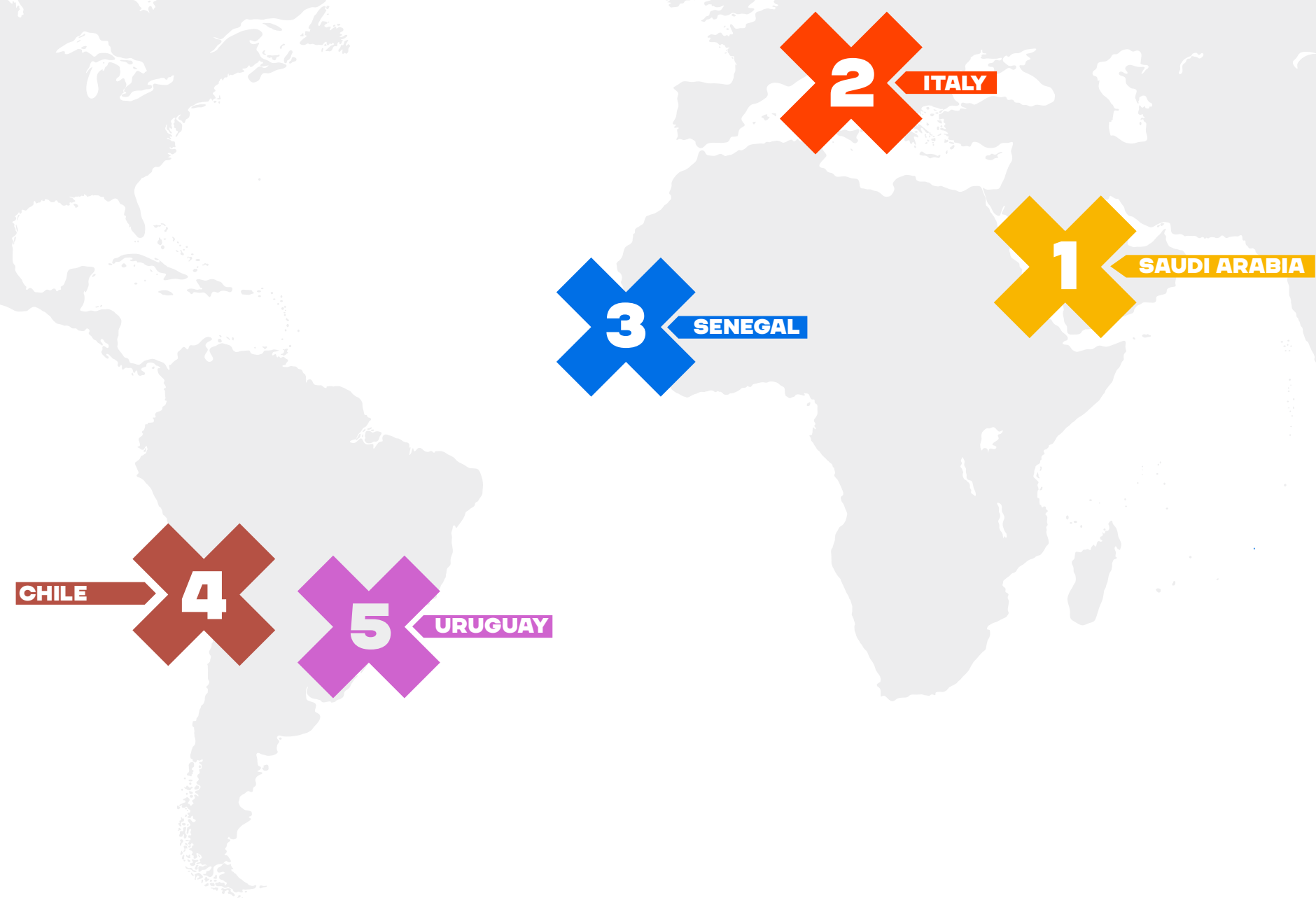
Zenobe and Extreme E have worked together to provide second-life battery solutions to power the championship paddock operations. The second life batteries have served their intended life in an electric vehicles.

07 SEASON TWO



LOOKING FORWARD TO SEASON 2

Extreme E is committed to continue inspiring people, communities and governments in our race locations and beyond to unite and limit global warming to 1.5°C by 2030.



As Extreme E celebrates the end of our inaugural season, we have our attention firmly fixed on the Season 2 calendar. Extreme E will take the championship to a new set of extreme locations as part of our mission to raise awareness of the impacts of climate change while promoting sustainability and the adoption of electric vehicles.

Our course designers are carefully selecting upcoming course options to provide the most challenging, exciting action, using existing obstacles and features with elevation changes and jumps. By making the most of the natural landscape, we can minimise our environmental impact.

Season 2 will take Extreme E further distances than we have travelled before. This means that we expect our carbon emissions to increase. To mitigate this, we will strive to be even better in all other areas, and continue to offset emissions we cannot avoid.

As Extreme E matures in its approach to sustainability, in line with our new strategy, we will work to establish metrics and targets, improve our data collection and analysis, and report on our progress and areas for improvement.





“All of us here at Extreme E are looking forward to revisiting some of the amazing race locations from the 2021 season to see for ourselves the positive impact our electric championship has had and to see what more we can bring to the communities there.

We also very much hope to add South America to our list of continents, and with visits to both Chile and Uruguay planned, it is shaping up to be another exciting season.”

Alejandro Agag

Founder & CEO, Extreme E

08 GLOSSARY



GLOSSARY

Carbon neutral

The result of an organisation removing and offsetting emissions equivalent to its carbon footprint each year.

Carbon negative

The result of an organisation both reducing its emissions in line with its 1.5°C Science Based Target (SBT) and investing in nature-based solutions and carbon technologies to remove and offset more carbon than it emits each year.

Net Zero

The point at which an organisation has achieved its 1.5°C SBT and removed its residual emissions from the atmosphere.

Carbon dioxide equivalent (CO₂e)

The metric measure used to compare the emissions from various greenhouse gases on the basis of their global-warming potential, by converting amounts of other gases to the equivalent amount of carbon dioxide with the same global warming potential.

Material topics

An organisation’s significant economic, environmental and social impacts, risks and opportunities; or to issues that could influence stakeholder decisions.

Life cycle assessment (LCA)

Life cycle assessment is a cradle-to-grave or cradle-to-cradle analysis technique to assess environmental impacts associated with all the stages of a product’s life, which is from raw material extraction through materials processing, manufacture, distribution, and use.

Open-air biodegradability

Biodegradability that is time controlled with a careful formulation of chemicals in the plastic material. This means that, if correctly disposed of and recycled, products made from biodegradable plastic can still be recycled before degradation takes place.

Science-based target (SBT)

A greenhouse gas reduction target to reduce an organisation’s emissions in line with climate science and the Paris Agreement goal to limit global warming to 1.5°C above pre-industrial levels.

Sustainable Development Goals (SDGs)

A collection of 17 interlinked global goals designed to be a blueprint to achieve a better and more sustainable future for all.

Social and Environmental Impact Assessment (SEIA)

A tool utilised to assess and predict potential adverse social and environmental impacts and to develop suitable mitigation measures, generally documented in an Environmental and Social Management Plan.

United Nations Framework Convention on Climate Change (UNFCCC)

The main global forum for climate change negotiations. The UNFCCC was adopted in 1992 and entered into force in March 1994 and now has 195 members. UNFCCC members (Parties) meet annually as the UNFCCC Conference of the Parties (COP).



EXTREME.E



**THANK
YOU**

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