

PRESS PACK

2022



INTRO WHO ARE GENESYS ANDRETTI UNITED EXTREME E?



Genesys Andretti United Extreme E brings together two powerhouses of motorsport: Andretti Autosport and United Autosports. Andretti United Extreme E is one of only nine teams who will compete in the brand-new Extreme E electric racing series.

Led by Michael Andretti, Andretti Autosport holds two decades of accolades across various, global disciplines of motorsport, including five Indianapolis 500 victories and four INDYCAR SERIES championships. The team is committed to the development of the sport and has also been an active competitor in the ABB FIA Formula E World Championship since the first season, with multiple racing victories and now competing as Avalanche Andretti Formula E.

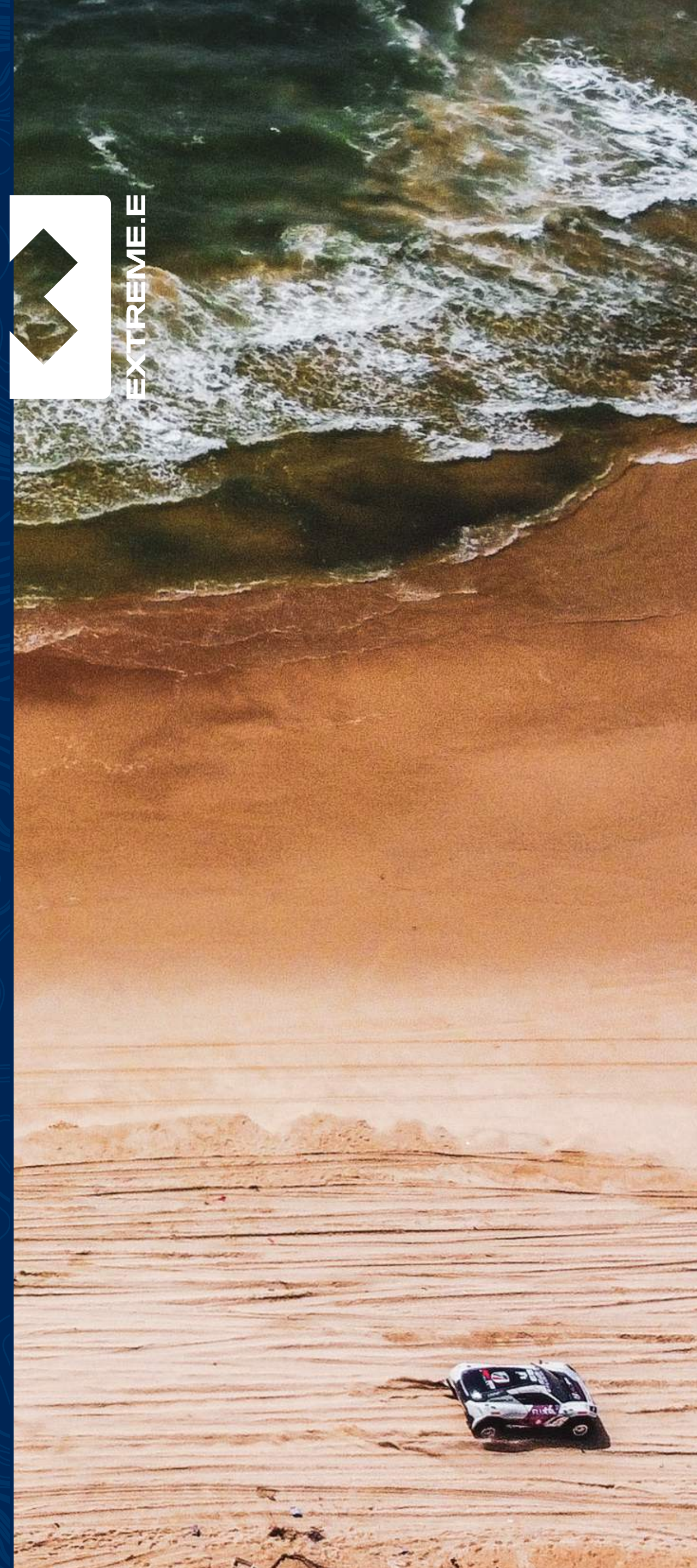
United Autosports is one of the largest motorsport teams in the UK and competes globally in different sports prototype categories worldwide. Based in Wakefield, West Yorkshire, UK, the company is co-owned by McLaren CEO Zak Brown and former racing driver, Richard Dean. The team has won many high profile races and championships, including the FIA World Endurance Championship, the European Le Mans Series and the Le Mans 24 Hours. They have also worked with many world class racing drivers, including Fernando Alonso, Juan Pablo Montoya and Paul Di Resta.

2021 TEAM OVERVIEW

In 2021, Genesys Andretti United Extreme E had a strong debut season in Extreme E, taking a spectacular victory at the Arctic X Prix in Greenland – the first-ever motorsport event to be held in that part of the world. The team finished on the podium in three out of five races. They also claimed second place in Saudi Arabia for the Desert X Prix – the first-ever Extreme E race and took third at the season-closer in Dorset, UK for the Jurassic X Prix. The pairing also finished third in the overall drivers' standings, and Genesys Andretti United Extreme E finished fourth overall in the teams' championship after a very tight battle for third with JBXE.

WHAT IS EXTREME E ?

Extreme E is a radical off-road racing series, founded by the same team behind Formula E, which will showcase electric SUVs and futuristic technologies in some of the world's most remote and extreme environments.



Now in its second season, Extreme E is a radical off-road racing series, founded by the same team behind Formula E. It showcases electric SUVs and futuristic technologies in some of the world's most remote and extreme environments.

Building on the success of its debut year in 2021, Extreme E Season 2 'The Race For the Planet' promises to captivate on and off track on a whole new level, whilst delivering on its overall purpose to tackle climate change through sport. The five-event global voyage utilises its sporting platform for the purpose of promoting electrification, environment, and equality. The series goal is to highlight the impact of climate change in some of the world's most remote environments, promote the adoption of electric vehicles to pave the way for a lower carbon future, and provide a world-first gender equal motorsport platform.

Extreme E's Legacy Programmes are integral to the series and aim to provide both social and environmental support at each race location. Project selection is led by the location's scientist and all five members of our independent Scientific Committee actively support these programmes.

The sport for purpose Championship selects projects that prioritise the empowerment of local communities, build resilience by helping the vulnerable to adapt to climate change, provide long lasting sustainable solutions and promote renewal energy sources that will grow economies while reducing carbon emissions. The series will continue to work with world leading experts in science, education and environmental research, to ensure the Championship's credibility and effectiveness.

Extreme E is the only motor racing series in the world today that mandates that every team taking part must field both a male and female driver. This was a world first in motorsport, and as well as providing opportunities at the highest level of sporting competition, the series is strengthening this commitment to development at the grassroots level in its second season.

OUR DRIVERS

CATIE MUNNINGS

Britain's Catie Munnings started competing in motorsport from a young age after being inspired by her father, Chris Munnings, who ran the London rally school at Brands Hatch. Growing up on a farm, Catie was used to thrashing around on quad bikes from a young age before she started to enter local motorsport events across the UK.

In 2016 and at just 18-years-old, Catie won the European Rally Championship Ladies' trophy. In 2017 and 2018, she claimed a series of stage class victories while also forging a successful TV career as the host of CBeebies show, Catie's Amazing Machines. In 2020, Catie made her debut in the FIA World Rally Championship before she was signed by Genesys Andretti United Extreme in 2021 to compete in Extreme E alongside Timmy Hansen. Catie and Timmy won the inaugural Arctic X Prix in Greenland and scored three podiums on their debut season. Catie finished the year third in the overall drivers' standings.



Date of Birth: 15/11/1997

Place of Birth: Ashford, UK

Lives: Kent, UK

Height: 170cm

Weight: 55kg

Racing Statistics

2021: Extreme E

2020: FIA Junior World Rally Championship

2019: FIA European Rally Championship

2018: FIA European Rally Championship

2017: FIA European Rally Championship

2016: FIA European Rally Championship

Titles Won

2021: Winner, Arctic X Prix; 3rd place overall, Extreme E Drivers' Championship

2019: Winner, FIA Ladies' Category at Rally Liepaja

2018: 4th place overall, 2WD FIA European Rally Championship

2018: Runner-up, FIA European Rally Championship Ladies' Trophy

2017: Runner-up, FIA European Rally Championship Ladies' Trophy

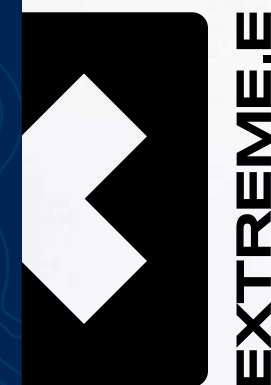
2016: Winner, FIA European Rally Championship Ladies' Trophy

OUR DRIVERS

TIMMY HANSEN

Timmy Hansen began his motorsport career in karting and circuit racing before switching his focus to rallycross from 2012. After finishing third overall and winning Rookie of the Year in the 2013 European Rallycross Championship, the following year Timmy made the step up to the FIA World Rallycross Championship, taking his maiden win in Italy before finishing fourth in the standings.

More wins came for the Swede in the following years, including finishing runner-up in the World RX in 2015 with Team Peugeot, with Hansen taking the Team World Championship title. He finished sixth in the 2018 championship and in 2019, he recorded four wins, clinching both the Drivers' and Teams' title, alongside his brother and team mate, Kevin Hansen. In 2020, Timmy finished third in World RX before signing for Genesys Andretti United Extreme E in 2021 alongside Catie Munnings. Catie and Timmy won the inaugural Arctic X Prix in Greenland and scored three podiums out of five races earning them third in the Extreme E drivers' championship. Timmy also finished runner-up in World RX and Nitro RX in 2021.



Date of Birth: 21/05/1992

Place of Birth: Götene, Sweden

Lives: Götene, Sweden

Height: 179cm

Weight: 75kg

Racing Statistics

2021: Extreme E, FIA World Rallycross Championship and Nitro RX

2019: FIA World Rallycross Championship

2018: FIA World Rallycross Championship

2017: FIA World Rallycross Championship

2016: FIA World Rallycross Championship

2015: FIA World Rallycross Championship

2014: FIA World Rallycross Championship

2013: FIA European Rallycross Championship

2012: FIA European Rallycross Championship

2011: Formula Renault 2.0

2010: Formula BMW Europe

Titles Won

2021: Winner, Arctic X Prix; Third overall in Extreme E Drivers' Championship; Runner-up in World RX and Nitro RX

2020: 3rd, FIA World Rallycross Championship Drivers' Title

2019: FIA World Rallycross Championship Drivers' and Teams' Overall Champion

2018: 6th, FIA World Rallycross Championship Drivers' Title

2017: 5th, FIA World Rallycross Championship Drivers' Title

2016: 6th, FIA World Rallycross Championship Drivers' Title

2015: Runner-up, FIA World Rallycross Championship Drivers' Title; Teams' Overall Champion with Team Peugeot-Hansen

2014: 4th, FIA World Rallycross Championship Drivers' Title

2013: Rookie of the Year, FIA European Rallycross Championship

THE CAR ODYSSEY 21

The championship car is a fully electric SUV, named ODYSSEY 21.

In order to withstand the harsh conditions, the car’s peak 400kw (550hp) output is capable of firing the 1840kilogram, 2.3-metre wide electric SUV from 0-62mph in 4.5 seconds, at gradients of up to 130 percent.

Each vehicle comprises a common package of standardised parts, manufactured by Spark Racing Technology with a battery produced by Williams Advanced Engineering.

This encompasses a niobium-reinforced steel alloy tubular frame, as well as crash structure and roll cage, whilst tyres, built for the extreme conditions are designed by founding partner Continental Tyres.

The teams have the choice to use their own bodywork or work with an OEM so they can put road-going bodywork on the common chassis, in order to utilise the platform to speak directly to the consumer market.



TECHNICAL SPECIFICATIONS

Overall length 4.401m	Maximum power 400kw (550hp)
Overall width 2.3m	Total emotor torque 920Nm
Overall height 1.864m	Top speed 200kph
Front track 1.998m	Acceleration 0-100km/h (0-62mph) 4.5 seconds
Rear track 1.998m	Gradient capability 40° (80% slope) to 53° (130% slope est. dependant on surface)
Ride height 450mm	Suspension travel 385mm
Wheelbase 3.001mm	
Weight 1840Kg	

SPECIFICATION PARTS

- Tubular frame constructed of Niobium reinforced steel alloy
- Suspension and dampers**
Double wishbone with three-way adjustable mono-damper. Hydraulic bump and rebound stop
- Braking**
Six-piston Alcon caliper. Iron disk and pads
- Steering**
Electrical power steering system

EXTREME E CALENDAR

Extreme E takes place in off-road locations as part of its mission to drive awareness of climate change issues, such as global warming, melting ice caps, rising sea levels, wildfires and extreme weather, whilst promoting sustainability and the adoption of electric vehicles to help protect the planet.

Season 2 of Extreme E will be staged across three continents and includes races in the Desert, South America and coastal locations, selecting places that have already been damaged or affected by climate issues.

Extreme E Season 2 calendar (2022)

February 19-20: Neom, Saudi Arabia

May 7-8: Sardinia, Italy

July 9-10: Dakar, Senegal

September 10-11: Antofagasta, Chile

November 26-27: Punta del Este, Uruguay



001

NEOM, SAUDI ARABIA

19-20 FEBRUARY 2022

Latitude: 27.9165° N

Longitude: 35.2921° E

Average elevation above sea level: 30m

Average daytime temp February: 17° Celsius

002

SARDINIA, ITALY

27-28 MAY 2022

003

DAKAR, SENEGAL

9-10 JULY 2022

004

ANTOFAGASTA, CHILE

10-11 SEPTEMBER 2022

005

PUNTA DEL ESTE, URUGUAY

26-27 NOVEMBER 2022

THE SHIP ST HELENA



To reduce the carbon footprint of the series, all Extreme E freight will travel by sea.

The St. Helena – the former Royal Mail Ship – provides the championship’s floating centrepiece – carrying the series’ vehicles, logistics equipment and paddock infrastructure. The ship also plays host to scientific research with its on-board laboratory, all in a bid to lower the impact of the travel logistics compared to air travel.

The ship has undergone an extensive multi-million euro renovation process, including a comprehensive mechanical overhaul as well as a full refurbishment of the interior alongside a fresh livery and branding.

Efficiency has been a major part of this. The St. Helena’s engines have been fully stripped and rebuilt and she will now run on low-sulphur marine diesel, known as Champagne in the industry. The propellers have similarly been refurbished to reduce friction and improve efficiency. The hull has been re-painted with the Extreme E logo emblazoned on the side. The underwater sections are painted in the most up-to-date anti-fouling paint, meaning she is kept clean which makes her more streamlined, which also reduces CO2 emissions.

The approach to the internal refit was to significantly improve, whilst leaving as small an environmental footprint as possible. This was achieved by upcycling, and rather than scrapping and replacing, the interior was stripped and refurbished, producing a contemporary, modern appearance. In addition, the ship utilises

low-energy LED lights, low-water consumption bathroom fittings and even chairs made from recycled plastic bottles collected from the Mediterranean. There is also a hydroponic system on board in the kitchens which will enable the Chef to grow the vessel’s own herbs and garnishes.

The original 20-square-metre swimming pool has been replaced with a Science Laboratory so research can be conducted en route. Extreme E in cooperation with Enel Foundation, the championship’s Founding Scientific Partner, invited scientists to apply for space on the ship to conduct research connected to advancing climate science, and five projects have been selected to join the voyage.

There are 62 cabins which can sleep up to 175 people, two lounges, an 80-seater restaurant, a 100-seater exterior deck, an 80-seater presentation area plus capacity to carry 90 20-foot shipping containers. A crew of 50 people will live and work on board the St. Helena over the course of her voyage.



FORMAT HOW WILL IT WORK?

Head-to-head races, known as an X Prix, take place over two days, within an area no larger than 10km², with each team fielding a male and a female driver who each complete a lap of the race course, including a Driver Switch incorporated midway. Course designers have been tasked with carefully selecting course options, which provide the most challenging, exciting action, using existing obstacles and features with elevation changes and jumps, in order to minimise environmental impact.

Qualifying takes place on day one to determine who makes it through to the semi-finals and with the lowest scorers in qualifying set to go into the “Crazy Race”. The Crazy Race will be an all-or-nothing fight, with only the quickest team progressing into the final. The top two teams in both semi-finals will also make it through to the final.

The winner of the final – the fastest combination of team, drivers, cars and engineers over the epic two-day battle – will then be crowned the X Prix winner.



GRIDPLAY

Another innovative feature of the sporting format is GridPlay where fans can vote up to twice a day for their favourite driver to gain grid advantage.

The votes received by both drivers in each team are added together to show the total team score. The teams that have qualified for the final take their percentage of votes and the teams that don't make the final race can 'gift' their votes to their preferred team. The pairing with the least votes goes first in gifting its votes, so the final team to gift votes is most likely to have the deciding vote.

SATURDAY

2 x Qualifying Rounds

- Qualifying Round 1 consisting of two five-car races
- Qualifying Round 2 consisting of two five-car races

SUNDAY

Semi-final 1
Semi-final 2
Crazy Race
Final

HOW TO VOTE ON GRIDPLAY:

Online at
gridplay.extreme-e.com

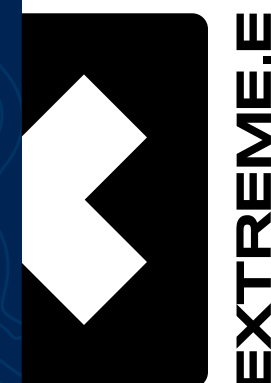
The duo with the most fan votes gets the opportunity to pick its grid position for the final first, followed by the team with the second most votes and so on.

Voting opens four days before the final and closes Saturday 5pm GMT. The GridPlay ceremony will take place on Sunday after the Crazy Race at which point the winners will be announced.

EXTREME E LEGACY

Each race in Extreme E aims to raise awareness of a different theme of climate change and in those locations we support NGO's and projects mitigating the most urgent issues these places face through our legacy projects.

Extreme E's greater goal is to leave only positive legacy behind, which is dependent on local needs.



In line with the five core principles enshrined in the Framework and the aims of the Paris Agreement, Extreme E strives to:

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

The series is utilising a panel of leading academics from the Universities of Oxford and Cambridge, who are tasked with advising the series' climate research and practice.

Head of Scientific Committee/Arctic Scientist:

Professor Peter Wadhams (The University of Cambridge)

Ocean Scientist:

Dr Lucy Woodall (The University of Oxford/Nekton Foundation)

Amazon Scientist:

Francisco Oliveira PhD (The University of Cambridge)

Desertification and Droughts Scientist:

Professor Richard Washington

(The University of Oxford/The University of Cape Town)

The committee will advise Extreme E organisers on the series' education and research programmes, event logistics and impact as well as the recommendation of positive legacy initiatives which support local communities in each race location.

TEAM BIOGRAPHIES



Michael Andretti

Job Title: Andretti United Extreme E co-owner (alongside and Richard Dean)

Date of Birth: 05/10/1962

Place of Birth: Pennsylvania, USA

Michael Andretti is owner and namesake of Andretti Autosport and joint team co-owner of Genesys Andretti United Extreme E. He leads the team from the perspective of a lifelong and extremely successful career in motorsports as a member of the famous Andretti racing family, as a decorated race car driver, and as a highly respected team owner across multiple motorsport disciplines.

He is one of the most successful drivers in the history of American open-wheel car racing and when Michael ended his full-time driving career, the 1991 series champion left as the winningest driver in CART history with 42 victories. Michael has been inducted into several Hall of

Fames for his successes on the racetrack, including: the National Italian American Hall of Fame, Motorsports Hall of Fame of America, Canadian Motorsports (International Division) Hall of Fame, and the Indianapolis Motor Speedway Hall of Fame.

Upon his retirement from active racing, Michael traded the cockpit for the boardroom joining the ranks of team owners and founding Andretti Autosport – which has won four INDYCAR SERIES championships and five Indianapolis 500 races. Michael is the son of Formula One World Champion and 1969 Indy 500 winner Mario Andretti.

TEAM BIOGRAPHIES



Richard Dean

Job Title: Genesys Andretti United Extreme E co-owner
(alongside Michael Andretti)

Date of Birth: 07/10/1964

Place of Birth: Leeds, UK

Richard Dean is a former British racing driver, co-owner of United Autosports and co-owner of Genesys Andretti United Extreme E.

He is a previous Le Mans 24 Hours race winner, winning the GT2 class in 2006. He is also a multiple race and championship winner in many different formulas, including British GT, and the Oulton Park Gold Cup.

Richard began his racing career in karts, moving into single seater racing in the 1980s. In 1995 he became team owner of Team JLR, running drivers such as Justin Wilson, Dan Wheldon, Rob Bell, Toby Scheckter, Tom Kimber-Smith and current United Autosports driver, Christian England.

In 2006, Richard was appointed Managing Director of Ginetta Cars. Under his management, Ginetta developed two race series to run on

the British Touring Car Championship package. It was during his time at Ginetta, as part of Team LNT, that he won the GT2 class of the Le Mans 24 Hours, racing alongside Lawrence Tomlinson and Tim Kimber-Smith.

In 2009, Richard set up United Autosports with long-time friend Zak Brown. In the early years, Richard raced as part of the team. Most of the workforce at United Autosports is made up of people who have worked alongside Richard for over 20 years. Yorkshire born and bred, Richard is the son of former racing driver Tony Dean and lives in Leeds with his wife and three dogs.

TEAM BIOGRAPHIES



Roger Griffiths

Job Title: Genesys Andretti United Extreme E Team Principal

Date of Birth: 06/12/1968

Place of Birth: Crawley, UK

Englishman Roger Griffiths is an extremely experienced motorsport veteran, having had over 25 years' experience in the automotive industry. Developing cars and powertrains across Formula E, Formula 1, IndyCar, American Le Mans Series, Rallycross and BTCC Roger has been a member of Andretti Autosport since 2014.

He was initially active in all of the team's motor racing projects as Director of Motorsport Development. He then moved into a position of responsibility as the company's Chief

Technical Officer and co-Team Principal at Andretti Formula E and from 2018 has been the Team Principal of BMW i Andretti Motorsport (now known as Avalanche Andretti Formula E).

In 2021, Roger assumed the role as Team Principal for Genesys Andretti United Extreme E.

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For more information, visit www.kulrtechnology.com.

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التوكيلات
ALTAWKILAT



Altawkilat - Universal Motors Agencies, is part of Tawad Holding that has business interest in automotive retailing, car rental and leasing, consumer finance, real estate, power generation, heavy- duty construction equipment and auto ancillaries. The company is an authorised dealer for many reputable international automotive brands including Chevrolet, GMC, Dongfeng and luxury brands such as Infiniti and Hongqi.

Altawkilat - Universal Motors Agencies employs over 1800 local and foreign staff and is one of Saudi Arabia's largest automotive dealers and distributors with over 70 years' experience in the business. From its headquarters in Jeddah, Altawkilat - Universal Motors Agencies' network coverage includes 28 sales and aftersales branches in major cities across several regions in Saudi Arabia.

For more information, visit www.en.uma.com.sa

8Six400 is owned by Merchant Tailor, a Cornish- born company with design and sustainability at its heart, that operates from London, serving some of the biggest and most commercial brands in the world. Evolving from design and production backgrounds, Merchant Tailor was formed, encompassing the ever-increasing awareness of the damaged natural environment, to lead the way in providing a new solution to branded product and marketing requirements. The company is positively disruptive in the environmental approach to 'circular economy' initiatives. Merchant Tailor is able to combine all aspects of our existing liner business, to provide a new way of thinking that incorporates recycling and up cycling solutions to creditable meaningful circular economy.

For more information, visit www.merchanttailor.co.uk

In 2002, Yvon Chouinard, founder of Patagonia, and Craig Mathews, founder of Blue Ribbon Flies, created 1% for the Planet and started a global movement. 1% for the Planet and Andretti United Extreme E will work together to raise global brand awareness for the growing 1% for the Planet movement. Founded in 2002, 1% for the Planet inspires people to support environmental, non-profit organisations through annual business and individual memberships as well as their everyday actions. Members of 1% for the Planet have so far given more than \$275 million back to the environment, with the company having over 4,000 members from over 60 countries.

For more information, visit www.onepercentfortheplanet.org

OUR CONTACTS

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