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AUTOMOBILE CLUB DE L'OUEST

ENDURANCE FOR A SUSTAINABLE FUTURE

MISSION H24

GOALS

zero emission, Le Mans 2024

STAKES

Planetary challenge

TEAMS

ACO

GREENG

**HIGHEST
PRIORITY**

WHAT IS MISSION H24?

Mission H24 aims to introduce hydrogen-powered racing cars to the 24 Hours of Le Mans in 2024, when a special hydrogen class will be created for a zero-emission race. An array of technologies have been launched and tested at Le Mans over the years. This latest challenge seeks to speed up research and development around this new fuel type, with the ultimate aim of taking it from track to the road to achieve zero-carbon mobility.

The ACO has always been driven by its love of racing but the organiser of the 24 Hours of Le Mans never loses sight of its responsibilities. Hydrogen is a public-interest choice: it is a global challenge that addresses some of the major issues of our time, such as urban air pollution and the need to find new sources of fuel to replace conventional hydrocarbons.

Mission H24 is not unlike the Apollo programme launched in the United States in 1961 and which, after a series of test flights, achieved its goal of putting men on the moon in 1969. Similarly, there will be several milestones to reach before hydrogen-powered cars can race at the 24 Hours of Le Mans in 2024. Mission H24 will be officially launched at Spa Francorchamps, the setting for the fifth round of the 2018 ELMS (European Le Mans Series) on 22 September.



THE MISSION H24 TEAM: THE ACO PARTNERED BY GREENGT

In 1923, the ACO founded the 24 Hours of Le Mans, not only for the joy of racing but also – and above all – to test and validate the reliability and performance of the innovations dreamt up by car manufacturers. Le Mans is often described as the toughest race in the world and has always promoted the notion of 'Racing to the Future'.

For **Pierre Fillon**, President of the Automobile Club de l'Ouest, "*Mission H24 embodies our commitment and our beliefs. Last June at the 86th Le Mans 24 Hours, we announced our intention to create a hydrogen class for Le Mans 2024. Things are now starting to happen. We believe in hydrogen, just like we believed in hybrid technology and the introduction of a limited energy allocation. Today, hybrid cars are driven on public roads across the world. Research is an ongoing concern for us as the organisers of the 24 Hours, and encompasses the fields of safety, performance, lower fuel consumption and environmental protection. At the ACO, we have always worked alongside manufacturers and other stakeholders in the automotive sector, and we see Mission H24 as a genuine commitment to future mobility. With assistance from GreenGT, we will rise to this new challenge and will keep you regularly updated, at every step of the way to our ultimate goal in 2024.*"

Jean-Michel Boursche, CEO of GreenGT Technologies: "*We had no hesitation in joining the ACO on Mission H24. We have been convinced about the potential of hydrogen for several years now and have developed sound experience and recognised expertise in the field. Speeding up the research process via motorsport is a challenge that we are enthusiastically – but realistically – ready to accept.*"

ELMS General Manager **G rard Neveu**: "*We are delighted and very proud that Spa and the ELMS will serve as the launchpad for Mission H24 and a testbed for the hydrogen-powered racing car. The European Le Mans Series, a competition set up by the ACO, is part of the international endurance scene and is underpinned by the ACO's beliefs. We believe in hydrogen. The ELMS is the ideal opportunity to set Mission H24 in motion.*"



THE CHALLENGE FOR MISSION H24: H2 MOBILITY

Introducing hydrogen to the race track is a real challenge – but a tangible and realistic one as the technologies already exist. Mission H24 will help develop less expensive, more effective solutions to sustainable power sources. This project is the first, determined step towards sustainable, responsible zero-carbon mobility. Hydrogen unlocks multi-mobility potential as the technology suits every kind of journey, long or short, by car, bus or truck, or even by train, boat or plane.

After successfully enabling technologies such as front-wheel drive, disc brakes, direct injection, the gas turbine engine, the rotary engine, the turbo, and diesel and hybrid power, the ACO is now committed to hydrogen-powered mobility with Le Mans 2024 its target. We would be delighted if you would join us on this journey.

To keep up to speed with Mission H24 and find out the dates of the next milestones:

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