

The FIA and RFEDA unveils the first adapted Cross Car to make motor sport more accessible to drivers with reduced mobility

The Fédération Internationale de l'Automobile (FIA) and Royal Spanish Motorsports Federation has officially unveiled the first adapted Cross Car endorsed by the FIA, a pioneering project that marks a major step forward in the FIA and Spanish motor sport's commitment to accessibility, inclusion and technological innovation.

The project, developed together with YaCar and with the collaboration of Managing Composites, Guidosimplex and PCR Sport, features an innovative cockpit access solution that will allow drivers with reduced mobility to take part in motor sport.

The initiative is the result of several years of joint work between the Royal Spanish Motorsports Federation, YaCar, Managing Composites, Guidosimplex and PCR Sport, along with numerous technicians and professionals who have taken part in the different phases of the project. Among them, particular mention should be made of the personal contribution of Albert Llovera as the originator of the project and of Joan "Nani" Roma as its driving force. In addition, the development of this innovative technical solution has received validation from the Fédération Internationale de l'Automobile.

The successful completion of this pioneering project would not have been possible without the unwavering support, enthusiasm and firm commitment of the FIA, whose backing has been instrumental at every stage in turning an ambitious idea into a tangible reality.

The RFEDA wishes to express its special gratitude to the FIA President, H.E. Mohammed Ben Sulayem for his personal involvement, leadership and decisive encouragement, as well as for his clear commitment to making motor sport more accessible, inclusive and open to all. His support, together with the dedication of the FIA teams, has provided essential momentum to overcome the technical and regulatory challenges involved and bring this landmark initiative to fruition.

A project to make motor sport accessible to more competitors

This adapted Cross Car was created with the aim of enabling drivers with reduced mobility to compete in motor sport, significantly improving access to the vehicle without compromising the safety standards required of any competition chassis.

To achieve this, the project incorporates a specific structural solution that allows a side and upper section of the vehicle's structure to be opened, increasing the available space so that the driver can get into the cockpit more easily. The design maintains the FIA's strength requirements established for a conventional chassis and has undergone finite element structural calculations carried out by Managing Composites.

The manufacture of the first two units has been undertaken by YaCar, which translated the designs and technical concepts into a fully functional vehicle, designed to accommodate adapted driving systems and the various solutions required for each driver.

Guidosimplex has contributed its expertise in adapted driving systems through the development and integration of the controls needed for the driver to operate the vehicle safely and independently. PCR Sport, for its part, has collaborated on the technical integration and set-up of the package, helping the various solutions to work together in a coordinated way in a competition car.

An initiative driven by inclusive sport

Albert Llovera, a driver and member of the FIA and RFEDA's Inclusive Sport Commission, has played a key role as the originator of the project, helping to identify the needs of drivers who, until now, faced significant difficulties with reduced mobility and to define a solution specifically designed to enable their participation in motor sport.

Joan “Nani” Roma has also played a key role, promoting and supporting the initiative throughout its various stages of development and making a decisive contribution to turning it into a reality.

The technical work has been coordinated by the RFEDA Technical Department, under its director, Fernando Álvarez, and homologation engineer Héctor Atienza, who are responsible for regulatory monitoring and for the process required to obtain the FIA's international approval*.

Marc Roma takes centre stage at the presentation

Driver Marc Roma demonstrated how the vehicle works and showcased its main adaptations. During the presentation he described his personal experience, the Cross Car development process and the impressions gained during his first runs in the car.

Roma also gave a demonstration of the cockpit access system, the adapted controls and the technological solutions fitted to the car, designed to allow the driver to control the vehicle safely and independently.

His involvement embodies the human and sporting dimension of a project that aims to create new opportunities for drivers around the world who have so far faced significant difficulties in gaining access to this category, and this types of cars.

With this project, the FIA and Royal Spanish Motorsports Federation reaffirm their commitment to moving towards a more accessible, diverse and inclusive motor sport, using technical innovation as a tool to create new opportunities and increase participation.

***Subject to approval by the FIA Disability Commission.**

About the Fédération Internationale de l'Automobile

The Fédération Internationale de l'Automobile (FIA) is the governing body for world motor sport and the federation for mobility organisations globally. It is a non-profit organisation committed to driving innovation and championing safety, sustainability and equality across motor sport and mobility.

Founded in 1904, with offices in Paris, London and Geneva, the FIA brings together 246 Member Organisations across five continents, representing millions of road users, motor sport professionals and volunteers. It develops and enforces regulations for motor sport, including six FIA World Championships, to ensure worldwide competitions are safe and fair for all.