

**We are here  
to help**

## RACC promotes the use of bicycles in urban areas setting up new Bike Points



The new Bike Point in Barcelona is in a centrally-located street in the Eixample quarter. The Bike Point in Girona, the first point located in this city in Northern Catalonia, was inaugurated by RACC President Josep Mateu, Girona Mayor Marta Madrenas and Enric Ticó, Chairman of the company in charge of managing the central bus station, which is where the facility has been set up to favour the mobility of users that combine bicycle and public transport.

With this same aim in mind, there are further five RACC Bike Points located inside of train stations, following an agreement signed with Ferrocarrils de la Generalitat de Catalunya (FGC), public operator of the metropolitan railway. The RACC has planned to expand the Bike Point network to other strategic locations with a high volume of bicycle users, thus giving response to the needs of urban bikers, the number of which is currently increasing.

**[26 February 2019]** The RACC, with the aim of promoting a healthier, environment-friendly and affordable mobility, has set up two new RACC Bike Points, one in Barcelona and one in Girona. The Bike Points are free-

access facilities fitted with tools that allow bikers to carry out small repairs and maintenance operations on their bikes. With these inclusions, the Bike Point network set up by the Club is now made up of eleven points.

## RACC develops self-assessment tools for senior drivers

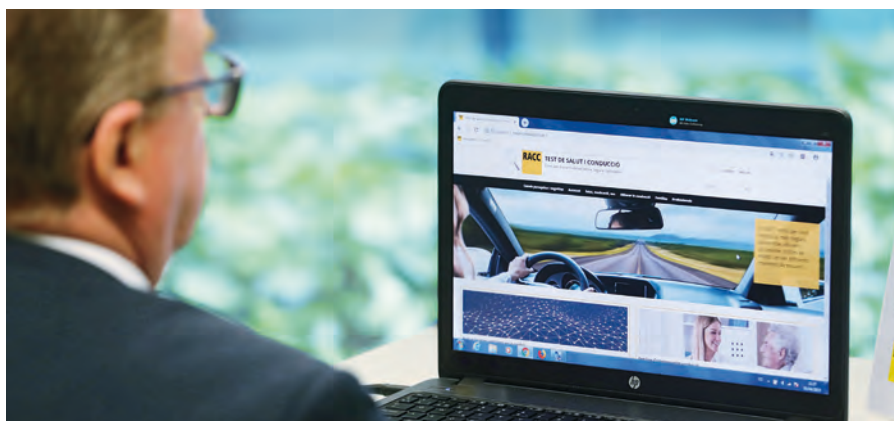
**[14 March 2019]** As part of the FIA Sustainable Mobility Programme, the FIA and the Royal Automobile Club of Catalonia (RACC) developed an online set of self-assessment tests to measure senior drivers' cognitive skills and improve safe driving.

The project, which has been conducted by the RACC, in association with the Guttman Institute, a medical centre specialised in physical and brain accident trauma rehabilitation, offers an online set of cognitive self-assessment tests for senior drivers.

The main objective is to determine the user's driving capacity by measuring cognitive driving skills such as attention, memory, mental flexibility, coordination, planning or inhibition.

The online tool, available in English, Spanish and French, will help senior drivers (especially club members) to assess their fitness to drive.

Clubs interested in deploying the self-assessment and/or incorporating it in their own IT system are invited to contact FIA Mobility.







## RACC presents a 45-point plan to improve Barcelona's mobility

**[05 June 2019]** The RACC has drafted a detailed report under the title of “Let’s Turn Barcelona into a Mobility Benchmark”, setting out 45 proposals for improving the city’s mobility. The report, which has been published in English, Spanish and Catalan, was presented by the RACC President, Josep Mateu, at a conference attended by a large number of government, businesses and media representatives. The report proposes solutions for Barcelona, that can also be applied to other large cities, to promote and

regulate the growing trend in shared, intermodal connected mobility, as part of a panorama in which the number of private vehicles will begin to drop in city centres while electric vehicles, bicycles and personal mobility vehicles will become the norm. The 45 proposals also seek to achieve the goal of zero traffic-related deaths in the city. During the presentation, the RACC’s President called for the creation of a new public-private mobility agency to respond to the challenges that need to be tackled in Barcelona, one that is capable

of acting on a metropolitan scale to cover the needs of surrounding municipalities and the millions of tourists that visit the city. This agency would need to work with a long-term horizon and encompass institutions, transport operators, companies and start-ups. Josep Mateu highlighted the strategic role that mobility plays in ensuring cities’ economic competitiveness and the quality of life they offer, stressing that the right to mobility must be reconciled with our need to live in a healthy environment.



## RACC hosts C-ITS training programme in Barcelona

**[07 May 2019]** The RACC hosted the C-ITS training programme at its Barcelona headquarters. The session organised by the RACC together with Applus+ IDIADA and the IRU, kicked off the C-MobILE project series of training sessions for end-users.

The training session focused on increasing awareness of people in ITS and C-ITS in different project regions. The event attracted fifty attendees who had the opportunity to learn about connected vehicles and various C-ITS services that will be deployed in Barcelona as well as the metropolitan area over the coming months.

Subsequent to the training, there were a series of debates that allowed users to voice their opinions surrounding the various topics introduced during the sessions. Users also had the opportunity to express their thoughts on the Android smartphone application that would be used to provide the C-ITS service in Barcelona.

Common topics of discussion included: the use of a smartphone while riding a motorcycle, the false-positives of the safety-critical services in certain circumstances, service in traffic management, the likely positive contributions of the Probe Vehicle Data, access restrictions for specific vehicle types (such as heavy trucks), and services that offer updates on restricted areas during times of high pollution levels in cities.

C-MobILE (Accelerating C-ITS Mobility Innovation and deployment in Europe) is addressing specific mobility challenges across Europe through the deployment of tailored cooperative intelligent transport systems (C-ITS). Throughout 2019, C-MobILE hosted training sessions at eight of its deployment sites across Europe. FIA Region I contributes to the work of C-MobILE through its involvement in liaison and dissemination activities, as well as general communications.

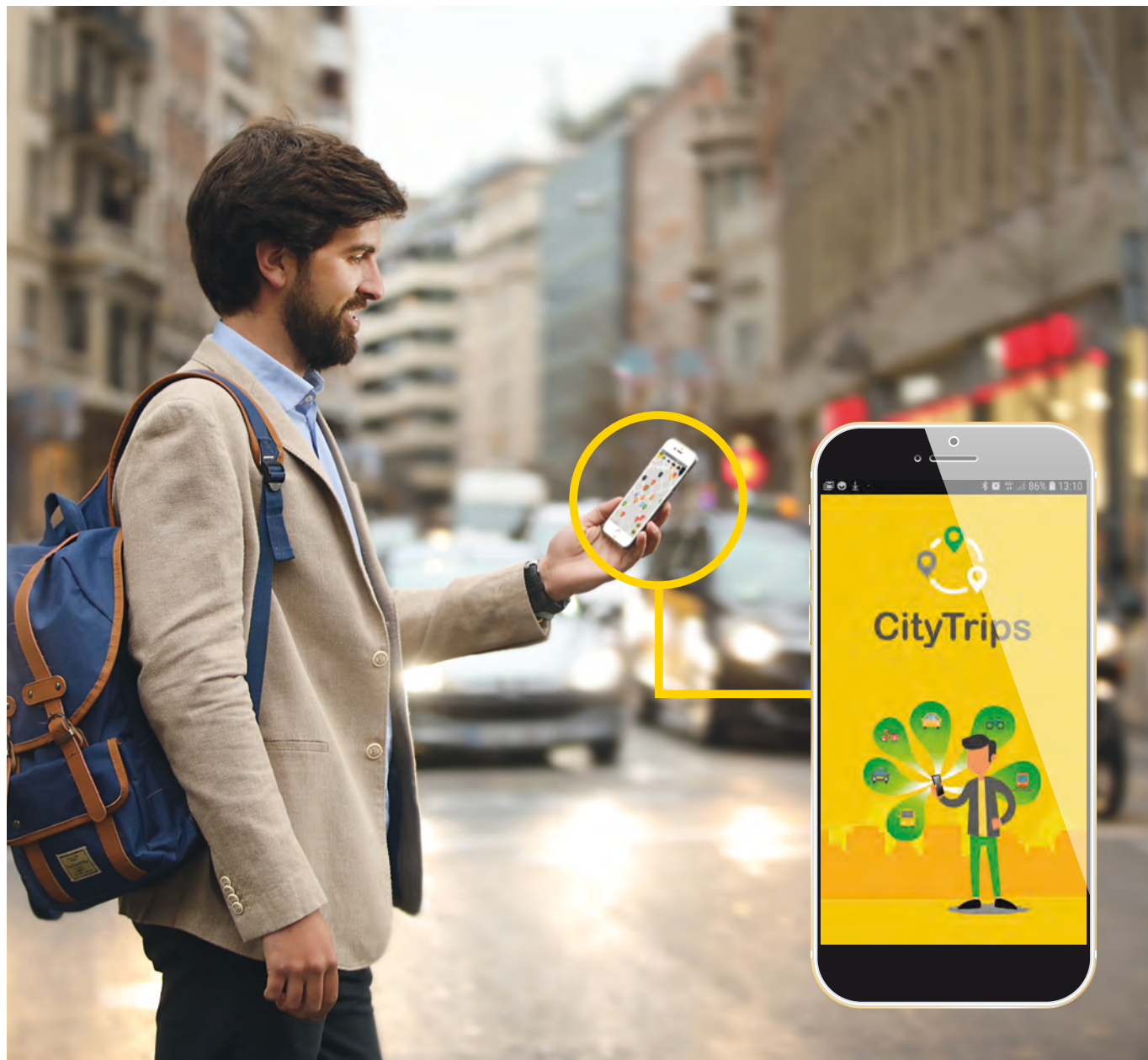


## The Hola Bici community, promoted by the RACC, launches a decalogue to promote bicycle riding

**[01 June 2019]** Hola Bici, the space of the RACC that promotes the culture of bicycle riding through social media (Facebook, Twitter, Instagram), has made a step forward publishing a manifesto to favour the use of the bicycle. Thus, Hola Bici invites all Internet surfers to adhere to a Decalogue that highlights the personal and collective benefits of bicycle riding, and at the same time calls for a civic use of the bicycle and its co-existence with other means of transport. Hola Bici does also request authorities to include the bicycle as a priority target in their urban mobility agendas.

In Barcelona, 68,000 people move around every day using a bike to go to work or to study, the so-called “compulsory mobility”. The municipal bicycle-sharing service (Bicing) and the increase of the bicycle lanes have favoured the boost by 79% of the number of trips made on a bike between 2010 and 2018. However, these trips do only account for 3% of the internal movements made in the city, as opposed to 48% made by foot, 34% made with public transport, 9% by car or 6% by motorcycles, showing considerable room for improvement, to which the RACC wants to contribute to through initiatives like Hola Bici.

# CityTrips, ground-breaking app for urban mobility, awarded by the FIA



**[01 June 2019]** The innovative App for urban mobility services developed by the Club with the name of RACC Trips, was renamed to CityTrips, while extending the functionalities to allow users to plan routes and compare travelling options in Madrid and Valencia, in addition to Barcelona.

Due to its usefulness and innovation, the CityTrips mobile app received one of the Innovation Awards 2019, with which the FIA recognises ground-breaking

initiatives that stand out for the excellence and the innovation of the service offered to users.

The CityTrips app provides users with real-time information about any type of travel options within the city. It compares all available transport alternatives (metro, bus, taxi, in addition to shared motorcycles, cars and bicycles), showing the time and cost of every option, facilitating an intermodal mobility. And it also offers

other useful data, such as the location of fuel stations, bicycle lane maps, etc. The aim of CityTrips is to continue including information about urban mobility in other Spanish cities and the rest of Europe, to turn it into a useful tool for larger travels.

RACC Trips is a free mobile application, available for iOS and Android Smart at: App Store / Google Play. It can also be downloaded from the app website: [www.racc trips.com](http://www.racc trips.com)





## Play & Learn, to learn road education while playing

**[05 June 2019]** Aware of the need to improve mobility education at all stages of life, and especially among schoolchildren, the RACC launched a new free interactive online game called “Move Right! - Play & Learn”, that poses challenges in terms of mobility and road safety for children aged 6 to 12 years. The initiative offers pedagogical mobility contents and is aimed at primary schoolchildren, educators, road safety trainers, leisure monitors and parents.

The three aims of this videogame are to develop the autonomy and responsibility of the youngest during trav-

els, to help them become aware of the significance of road safety and, last but not least, to promote habits and attitudes to prevent road accidents.

‘Move Right! Play & Learn’ is made-up of 12 games that can be played individually or in groups, as well as at school, in leisure centres or at home. The most basic challenges show boys and girls how to get ready to ride a bike or use a skate. At later stages, they learn to move around the city by foot, on a bike, in a car, using public transport or the school bus. It also promotes the co-existence with other users, shows them how to identify road signs and

30 Zones, and to know what to do in case of an accident.

The RACC Foundation is working on three other mobility education programmes: Move Right! On Tour’, which organises itinerant activities to learn how to move around the city; ‘Young People and Mobility’, the contest to raise awareness about mobility and road safety; and the theatre play STOP, a very entertaining performance for children aged 3 to 9 years. Through these programmes, the Foundation contributes to improving education on road safety and to promoting the co-existence and responsibility of users.

# RACC proposes solutions to encourage shared mobility in Barcelona

**[12 June 2019]** With the aim of improving mobility for all those moving around the city, the RACC prepared a first study on the use of shared vehicles in Barcelona, analysing the mobility habits of users, both of bike-sharing (both the public Bicing service and private operators) as well as moto- as and car-sharing.

The main conclusion of the study is that 49% of moto- and bike-sharing users come from public transport and only 9% used to take the private car, meaning a modest improvement of the air quality and congestion. As regards car-sharing, the largest group of users (51%) do also come from public transport.

The study describes the most usual profile of shared mobility users (under 35 years of age and no vehicle of their own to save ownership and maintenance costs) and highlights the considerable room for growth of these mobility systems in Barcelona, since 9 of every 10 potential users have not tried a shared vehicle yet.

In order to improve and increase the shared mobility, the RACC requested the administration to facilitate the orderly entry of new operators and vehicles. Club President Josep Mateu advocated for a shared mobility that is integrated in the MaaS pack with the public transport system, with flat rates



for the use, to turn shared vehicles into an intermodality tool that will attract private car drivers.

## More than 17,000 students participated in the contest “Young People and Mobility”



**[17 June 2019]** More than 17,000 boys and girls aged between 13 and 18 years, high-school and professional training students from Catalonia, participated along the 12 years that the contest “Young People and Mobility” has been organised by the Club, an educational

project with the aim of promoting a reflective attitude and positive values towards a more sustainable, safe and responsible mobility.

The 12th edition, held in 2019, counted on 2,349 students who participated in the three categories of the contest

(graphic ad, project to improve road safety and Instagram video), submitting creative proposals on the topic “Youth, Mobile Telephone and Road Safety”. Most of the works submitted stressed the need to warn drivers and pedestrians about the risk of manipulating mobile telephones while driving or walking. RACC President Josep Mateu and the Catalan Minister of Internal Affairs, Miquel Buch, chaired the prize-giving, held at the RACC headquarters.

The contest “Young People and Mobility”, organised by the RACC with the collaboration of the Catalan Traffic Authority (SCT) and the Departments of Internal Affairs and Education of the Catalan Government, was created in 2008 with the name of “Young People and Driving”. The deep transformation of society in recent years and the implications arising out of road safety and environmental protection has made this contest evolve towards a more complete and transversal perspective of mobility, especially focussed on the cities.



# RACC paid a touching posthumous tribute to former President Sebastià Salvadó



**[19 June 2019]** The RACC held a ceremony paying tribute to Sebastià Salvadó, Honorary President of the entity, who passed away on 15 April 2019 at the age of 86 years, after a life dedicated to the RACC, to mobility and to motorsports.

Family members, employees, friends and personalities with which Mr Salvadó shared his career, gathered at the Club's headquarters. During the tribute, a commemorative plaque was uncovered and the Sebastià Salvadó Area was inaugurated, an outdoor

garden area dedicated to his memory and located in the headquarters of the entity at Avinguda Diagonal in Barcelona.

RACC President Josep Mateu, who worked at his side for 20 years, recalled Sebastià Salvadó, highlighting that he "was a man like no other, who played the leading role during an important stage of the RACC, and he did it with a vision of the future, acting and thinking big". And he added that Salvadó "was a person who was able to preserve the Club's DNA –the vocation for service

to people– transmitting it with passion to all those who were lucky to work at his side".

Sebastià Salvadó focussed his life on two great targets: the improvement of road safety and the promotion of motorsports. He was RACC President for 30 years, from 1985 to 2015, and under his leadership, the RACC evolved from a club for motorists with 85,000 members to a service entity for families that provides worldwide coverage to more than 10 million people, with quality and innovation.





## RACC organises its third hackathon to drive projects related to the digitalisation of mobility

**[19 June 2019]** The RACC has brought together 32 entrepreneurs in the third RACC Innovation Challenge, a marathon creative session held during the first weekend in June at the headquarters of the Club and in The Catalyst innovation centre, located in Barcelona's 22@ business district.

In this third hackathon, which was attended by the RACC's President, Josep Mateu, and its General Manager, Xavier Perez, the aim was to find solutions to improve the mobility of people around the city and offer new added-value proposals in assistance services.

The participants worked in groups over the course of 48 hours, with the help of mentors and experts, to come up with solutions to four challenges: find innovative urban mobility patterns using big data, propose services to increase the autonomy of people with limited mobility, create new added-value proposals to improve the RACC's assistance services and use data analysis to improve the user experience of the Club's members.

This initiative will help the RACC move forward in its strategic plan to become a mobility services club that adapts to the needs of its members and supports them in their day-to-day lives, offering them the best solutions every step of the way.

## RACC proposes measures to encourage the use of bicycles in the city

**[11 July 2019]** The RACC's President launched the "2<sup>nd</sup> RACC Barometer of Urban Bicycle Riders in Barcelona", which analyses the use of this means of transport in the city. According to the study, 68,000 people used a bicycle on a daily basis in 2018 in Barcelona, i.e. 8% more than one year ago, and in 3 of every 4 cases, the bike is used for everyday travels to work or study.

A relevant aspect of the Barometer is the fact that 55% of the bicycle riders feel vulnerable when travelling, as opposed to the 33% who felt like this last year, possibly due to the recently issued municipal regulation prohibiting bikes to travel on most of the pavements, forcing them to ride on the driveway.

The study does also highlight that the main constraint for the expansion of bicycle mobility is the lack of safe parking spaces on the streets, and underlines a worrying fact: 45% of the bicycle riders admit that they do not know the current traffic regulations.

In order to boost bicycle mobility, the RACC recommends carrying out a safety audit to improve the quality and the signposting of the current bicycle lane network. The Club does also request to encourage the use of bicycles in the work environment, to impose a compulsory third-party liability insurance for bicycle riders and to disseminate the traffic regulations for a better co-existence of all road users.







## RACC calls for improvements to increase the average speed of the public transport buses network

**[17 September 2019]** Public transport buses in Barcelona cover more than half of their route at less than 13 km/h, the average speed established by the Plan for a Sustainable Urban Mobility of the City Council. This is one of the main conclusions of the ground-breaking study carried out by the RACC on the competitiveness of the new orthogonal bus network of the city, which was recently launched by Club President, Josep Mateu, and RACC

Foundation Director, Lluís Puerto. This speed, which is below the established speed, and causes delays and loss of time to travellers, is generated by traffic congestion and incidences, such as badly parked vehicles or manoeuvres made by other drivers cutting across the bus lane.

To increase the commercial speed of buses, the RACC proposes, amongst other improvements, to audit the troublesome spots of the road network

that cause most of the delays, and also to increase the bus-lane network and to analyse the removal of some of the bus stops in order to have a smoother running route.

Likewise, the Club recommends the integration of new technologies to have intelligent traffic lights that will give priority to buses, and to provide real-time information to public transport users on the exact location and occupancy rate of each bus.



# RACC supports Olympic bid project Barcelona-Pirineus 2030

**[19 September 2019]** The RACC played an outstanding role in the event organised in Barcelona, which gathered representatives from the whole Catalan civil society to support the bid proposal Barcelona-Pirineus for the 2030 Winter Olympics.

In his statement, RACC President Josep Mateu underlined the significance of the infrastructures and mobility for a sports event of this nature, highlighting that “mobility is the key for the success of the Olympic Games, but what is even more important is the mobility of the people after the Games, which means that events like this must become the accelerator to allow for the performance of infrastructure works that are currently pending”.

In this sense, Josep Mateu asserted that a possible Barcelona-Pirineus 2030 bid “would not require an extraordinary expense in infrastructures; it would be enough to fulfil the pending works which, actually, have already been budgeted. The challenge would be to connect the Pyrenees with Barcelona by public and collective transport in less than 2.30 hours”.

The RACC already collaborated as an advisor in mobility issues for the 1992 Olympic Games in Barcelona, which were staged with a well-remembered organisational success, and which left a significant legacy in the city and its metropolitan area as regards the improvement of the infrastructure.



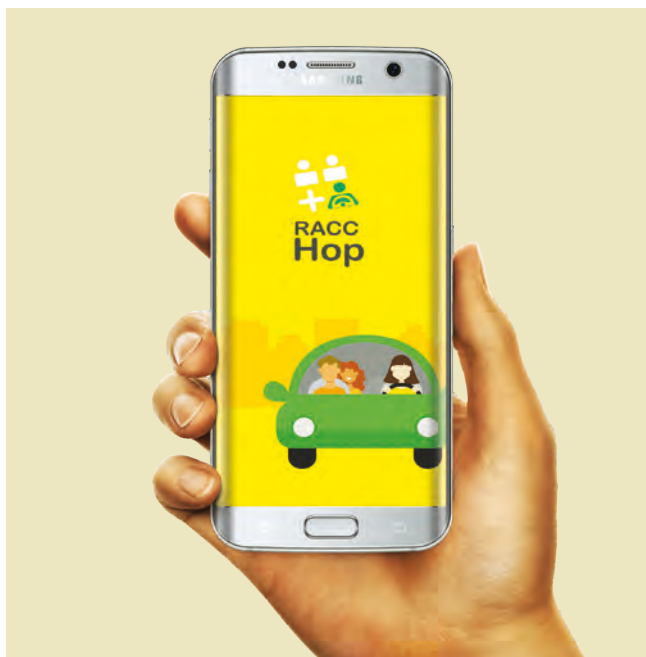
## The assistance service renews the ISO 14001 Environmental Management Certificate

**[26 November 2019]** The breakdown, medical and personal assistance service of the RACC has renewed the ISO 14001:2015 Environmental Management certificate. This standard certifies the implementation of a management system that minimises the environmental impacts during the provision of each assistance service, an area in which the RACC performs 1,185,000 yearly interventions. In order to comply with the requirements of the standard, the RACC implemented a management system that involves both the internal staff and the external collaborators, the infrastructure and the resources used to provide the services.

Among other actions, the Club has improved the calculation of the carbon print, and has quantified the NOx and particulate matter emissions of the vehicle fleet, with the aim of reducing the impact on the environment. The vehicle fleet of the RACC includes currently 17% of ECO vehicles, including 100% electric cars and motorbikes for breakdown assistances, and is encouraging the renewal of the fleet with hybrid and Euro 6 vehicles.

Other initiatives that have been introduced are the efficient driving training for the assistance mechanics, the implementation of energy-saving measures in the facilities and a more efficient management of waste. Moreover, the RACC is developing a green guide to include environmental criteria in the purchase processes and the selection of assistance providers.

The renewal of the ISO 14001:2015 certification for Environmental Management forms part of the RACC's commitment to the preservation of the environment and the promotion of sustainable mobility.



## RACC Hop, new car-sharing service to facilitate employee mobility

**[31 October 2019]** For the RACC, promoting shared mobility is a way to contribute to the reduction of congestion, environmental and noise pollution, as well as CO<sub>2</sub> emissions and, consequently, to the improvement of the air quality. For this reason, the RACC launched RACC Hop, the mobility solution designed for companies that are based in the outskirts of the cities, allowing workers to reduce costs and time getting to work.

By means of a mobile telephone application, RACC Hop contacts passengers and drivers of the same company or of companies located in the same area, who do the same trip every day, at similar times. Thus, users can agree on sharing the vehicle, saving time and money in their travels. The app is easy to use and intuitive, making the coordination of times and trips easier, and allowing users to share the costs with their mobile telephone. This carpooling application does also benefit the companies, as they can optimise the use of their car parks.

In a first phase, the service has been launched in three companies of the industrial area called Consorci de la Zona Franca (Barcelona), which have all together 4,000 workers, following the agreement signed by RACC President Josep Mateu and the State Delegate in the Consortium Pere Navarro. Other industrial sites and companies are expected to join this initiative, which is especially aimed at facilitating the mobility to industrial and business areas which are located far from the city centres.

## The challenges of safe mobility in 21st century cities, subject of the 25th Road Safety Forum co-organised by the RACC

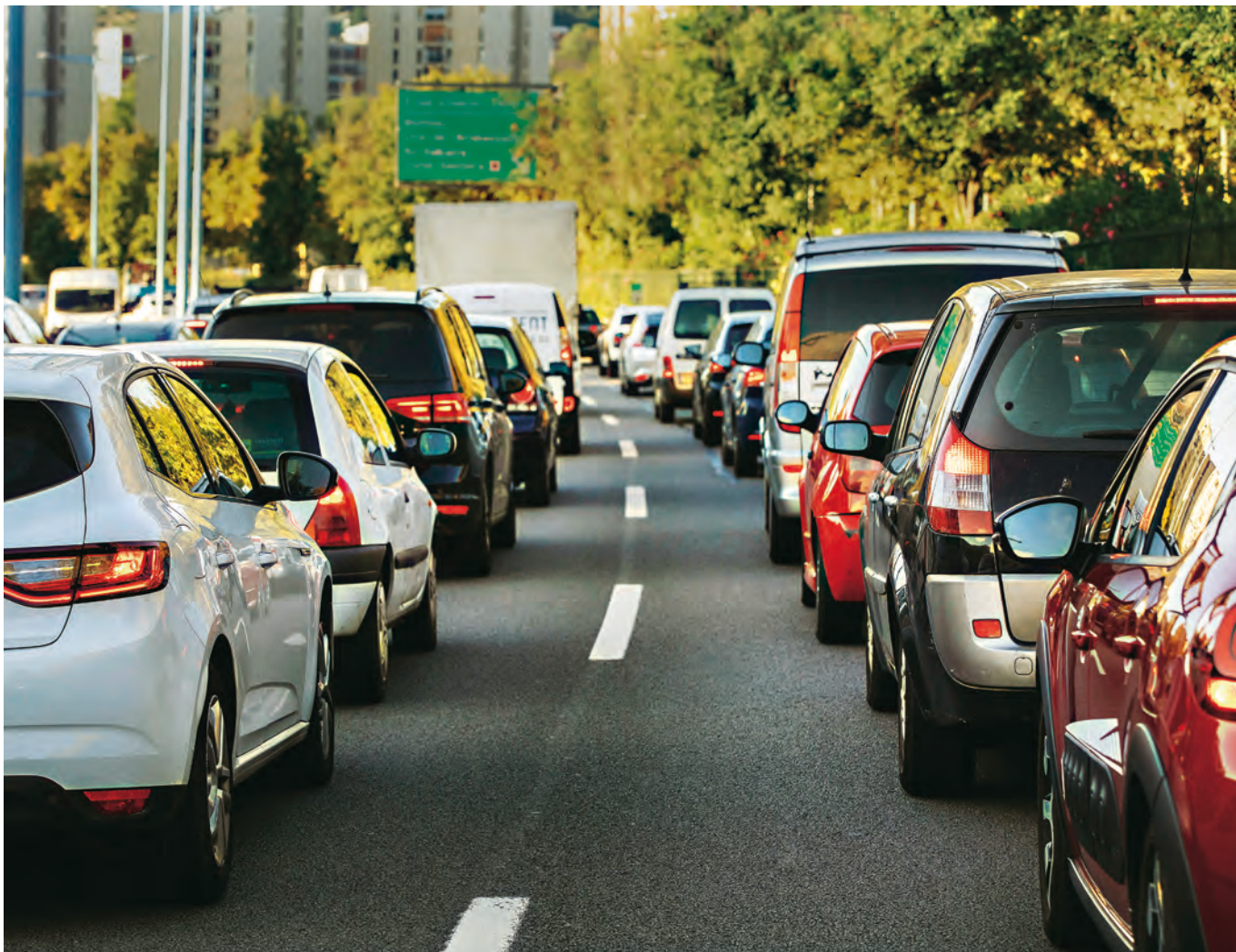
**[08 November 2019]** The 25th Barcelona Road Safety Forum, organised by the RACC, the Barcelona City Council and the Association for the Prevention of Road Accidents P(A)T, dedicated the papers and round tables to the challenges of road safety raised by the new mobility in the 21st century cities. The RACC launched at the Forum a study undertaken by the Club on the road accident rate of motorcycle riders in Barcelona, including both users of their own motorcycle and the growing number of shared-motorcycle users.

This study, which was made with the collaboration of the local traffic police, shows that the accident rates are similar in both groups of users, and that there is considerable room for improvement as regards the reduction of risk behaviour. In general terms, moto-sharing users have a more careful behaviour, but have more accidents on weekends and at night, showing that the use is rather linked to leisure. Therefore, the RACC has promoted an awareness raising campaign with the collaboration of the moto-sharing companies operating in the city, the Barcelona City Council and the Traffic Police.

Moreover, on the occasion of the 25th anniversary of the Forum, RACC President Josep Mateu, and the other entities participating in this meeting, signed an institutional statement, committing to work for a more pedestrian-friendly city, with pacified school zones and a greater use of a safer and more inclusive public transport. Likewise, they highlighted their intention to launch actions in order to improve the integration of bicycle riders and personal mobility vehicles in the city, to implement a safety plan for motorcycle riders and to promote the co-existence of users of different urban means of transport, in order to avoid accidents.







## RACC warns that the congestion on the access roads to Barcelona has increased by 19% in 3 years

**[20 November 2019]** The concern for the environmental and economic effects of traffic congestion has led the RACC to perform an exhaustive study to analyse the daily traffic-jams suffered by users while entering and exiting Barcelona, and to compare them with the results of the study carried out in 2016, when the Club already warned about the need to take measures to reduce the traffic-jams in light of the increase of mobility.

The report drawn-up by the RACC, and launched by Club President Josep Mateu and RACC Foundation Director Lluís Puerto, stated that more than 320,000 people who enter Barcelona

and the metropolitan area every day with their private vehicle or by interurban bus, have to stand traffic-jams, a fact that causes harms both in terms of lost time and economic costs, and both for the people and the society as a whole, due to air pollution. Users lose two days every year due to traffic-jams in the metropolitan access roads, which account for 15.3 million hours per year, which is 19.5% more than in 2016, with an overall cost of 169 million euros per year, 23% more than 3 years ago.

Faced with these results and with the aim of promoting a better mobility for all users, reducing the loss of

economic competitiveness generated by congestion, and helping to achieve a good air quality, the President of the RACC requested the administrations to implement measures to increase the capacity of interurban public transport, an intelligent management of the road infrastructures and the promotion of a more efficient use of the private vehicle. One of the most relevant facts of the study is that a good part of private vehicle users are willing to change their habits: 45% would share the vehicle and 36% would leave their car at Park & Ride facilities at train or bus stations outside the cities if they had a real option to do so.

## Active participation of the RACC in the Smart City Congress in Barcelona

**[21 November 2019]** The RACC as partner of the Smart City Expo World Congress, participated in different initiatives of this international event held in Barcelona from 19 to 21 November. The RACC launched during the panel called “*Shared Mobility: Getting Ready for the MaaS Era*” the mobile applications RACC Hop and CityTrips, as well as other novelties that the Club is promoting in the field of shared mobility and mobility as a service (MaaS). These two applications, RACC Hop and CityTrips, that promote a more environment-friendly mobility, had also a



significant presence in the space that the United Nations had at the Smart City Expo World Congress. Through these new applications and other services, the RACC promotes actions in favour of the Sustainable Development Goals (SDG) of the United Nations. RACC Hop is a mobility platform that contacts passengers and drivers of the same company or of companies located in the same area, who do the same trip

every day. Users can share trips and costs, saving time and money while getting to work.

CityTrips is an application developed by the RACC that makes available real-time information to all users, in a single map, of all public transport services and more than 15,000 vehicles of private car-, motorcycle- and bicycle-sharing operators, as well as taxis and private car rentals.

## The RACC launches the results of the European Road Assessment Programme (EuroRAP)



**[18 December 2019]** The RACC launched the 17th EuroRAP report assessing road safety on 25,082 km of the State Road Network, which is managed by the Spanish Ministry

for Public Works and Transport. The study determines that there are a total of 2,752 km with a ‘high’ or ‘very high’ risk of having a serious or fatal accident, accounting for 11% of the total

number of kilometres of the network, and a reduction by 1.2 compared to the previous year. Likewise, the RACC has analysed for the 18th year in a row the road network that is managed by the regional authorities of Catalonia, 30% of which has been rated as a ‘high’ or ‘very high’ risk. The report also shows that motorcycles, which account for less than 5% of the total mobility, are involved in up to 43% of the serious and fatal accidents.

Using the EuroRAP methodology, the RACC has analysed, since 2002, more than 53,000 kilometres of the road network of 16 European countries, as well as in other countries in Asia and Latin America, with the aim of contribution towards the achievement of the Vision Zero concept.



# RACC warns that metropolitan trains cannot absorb the increase of the number of passengers created by the LEZ

**[10 December 2019]** A new Low Emissions Zone (LEZ) of 95 km<sup>2</sup> comes into effect on 1 January 2020 in Barcelona, banning the circulation of pre-Euro 3 petrol-powered vehicles and pre-Euro 4 diesel-powered vehicles from Monday to Friday, from 7 am to 8 pm.

With the aim of knowing whether public transport is prepared for the foreseeable increase in demand following these restrictions that will imply economic sanctions to infringing drivers, starting from 1 April, the RACC analysed the current occupation figures of the metropolitan transport system (train and express interurban bus) and their capacity to absorb the demand of new passengers specially expected from next 1 April.

RACC President Josep Mateu and RACC Foundation Director Lluís Puerto launched the report, highlighting that the traffic restrictions of the LEZ affect around 134,000 people, half of which have declared to be in favour of changing the private vehicle for public transport.

However, six metropolitan train lines are already exceeding 100% of their capacity at peak times, and therefore will be hardly able to include new travellers. The situation is more favourable for express bus lines, which reach an average occupation of 75% at peak times.

For all of these reasons, the RACC has requested for an emergency investment plan for public transport that will allow

for an increase of the frequency and the capacity of metropolitan travels by train, and to expand Park & Ride facilities at the train and bus stations, in order to promote an intermodal mobility.

As regards the access roads for buses, the RACC requests for the creation of new HOV (Bus and High Occupancy Vehicles) lanes that will make this means of transport and more competitive against the car in terms of the daily journey time.

Likewise, the Club advocated the use of new technologies in order to offer users real-time information about train occupancy, and requested the increase of the shared-vehicle offer in the city and the metropolitan area.



A computer simulation created by the RACC shows how the expected increase in users caused by the new Low Emissions Zone could affect, at peak times, the capacity of the metropolitan railway system that currently shows occupancies of more than 100 % at rush hours. That is why the RACC calls for an immediate investment plan for public transport in order to increase the frequency and capacity of the metropolitan trains.



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