

RACC NEWS 2021



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The RACC Analyses the Co-Existence Conflicts of Bicycle Riders and Other Urban Road Users

[05 February 2021] The RACC, based on its experience and commitment to the safety of users regardless of the means of transport chosen, has carried out a study on the coexistence of users of the cycling network with pedestrians and users of other vehicles in the city to study the impact of changes in mobility in the city in recent years, commissioned by the Sindicatura de Greuges (Ombudsman) of Barcelona.

Through this study, the RACC and the Catalan Ombudsman's Office recommend moving cycle lanes from pavements to the road, improving their signage, eliminating two-way cycle lanes and ensuring that cars and motorbikes respect cyclists' priority in cycle lanes when turning.

The unawareness of the rules in force by bicycle riders and PMV users is another problem that, according to the report, must be solved by means of information and awareness raising campaigns. In this sense, RACC President Josep Mateu highlights that "without minimal knowledge about the traffic rules, it is difficult to increase the presence of bicycles in a safe way".



Training Courses in Order to Increase Safety Among Scooter Riders

[06 February 2021] The RACC and the Guardia Urbana (local police force of the city of Barcelona), have provided free training courses aimed at e-scooter users to improve their riding safety.

The courses provided by instructors of the RACC Driving School to Club members aged between 16 and 45 years, are a display of the commitment of the Club to improve the safety of scooter users, one of the fastest growing means of transport in Barcelona. In particular, the trainings have especially focussed on explaining the new regulations affecting the circulation of these vehicles and included a final practical section that paid special attention to improving the scooter riding technique.

More than 50 Entities Join the Mobility Institute Created by the RACC and Deloitte

[17 February 2021] In recent months, the Mobility Institute, the collaborative platform created by the RACC and Deloitte that analyses new trends in mobility on an international level and their application in specific markets in Spain, has incorporated as a member the National Association of Motor Vehicle Dealers, Repairs and Spare Parts (GANVAM), which brings together more than 7,000 vehicle distribution and after-sales companies. The BCL association, Barcelona-Catalunya Centre Logístic, which works to improve competitiveness and promote Catalonia as a Euro-Mediterranean logistics base, and Moventia, a business group that operates in the automotive and passenger transport sector, have also joined. With these additions, there are now some fifty companies and public and private entities linked to the platform. The good reception by such diverse sectors confirms the importance that mobility has acquired in the strategy of many entities that want to closely follow the trends, both in our country and globally. More info: www.mobilityinstitute.es/en/

Members of the Mobility Institute, created by RACC and Deloitte



Meeting with Presidents of Public Transport Entities to Address the Improvement of Mobility in Barcelona



[22 February 2021] RACC President, Josep Mateu, met with Rosa Alarcón, President of TMB, the company in charge of managing the metropolitan transport service in Barce-

lona, and Ricard Font, President of FGC, the company in charge of managing the railway service of the Catalan government, in order to analyse the situation of public transport

in the metropolitan area of Barcelona and to share possible proposals for improvement. The meeting arose out of the RACC's concern to improve mobility for users, regardless of their chosen means of transport.

The presidents of the three organisations agreed on the need to expand the range of services available to the 900,000 citizens who travel in and out of Barcelona every day. The meeting has revealed that, in order to significantly reduce the travels with a private vehicle, it is essential to have a good alternative public transport offer. In order to achieve this, it is necessary to improve the Commuter train service, to finish the pending metro lines and to extend other bus and metro lines which do already exist in the city. For the RACC, TMB and FGC Presidents, there is a need to boost sharing systems and intermodality, incentivize the energy transition, modernise the public transport offer through digitalization, and to improve the travel experience for users.

The RACC will Analyse the Road Network of the Principality of Andorra with iRAP



[23 March 2021] The RACC and the Government of Andorra have signed an agreement to assess the Principality's main road network

(a total of 65 km). The aim of the collaboration is to promote safer mobility and thus contribute to improving the quality of life of

citizens. The agreement was signed by the General Manager of the RACC, Xavier Pérez, and the Director of the Andorran Government's Department of Mobility, Jaume Bonell.

Improving roads is key to achieving the United Nations Sustainable Development Goals (SDGs) and, specifically, reducing road deaths and injuries by half by 2030.

The study project in the Principality of Andorra consists of different stages that include obtaining images of the roads with the RACC's Movitest mobile laboratory, coding the data and classifying each road with a star system, and drawing up an investment plan adapted to each section inspected.

The RACC will carry out the assessment based on the international iRAP methodology, which has analysed almost 1.1 million kilometres worldwide. The Club has been auditing roads using these criteria since 2002.

RACC Calls for More Training for Barcelona Cyclists

[14 April 2021] The RACC has produced the 3rd RACC Urban Cyclist Barometer in Barcelona, which analyses the habits and opinions of people who cycle in the city. Today, the network of cycle lanes is more extensive and electric scooters and other personal mobility vehicles have burst onto the scene and coexist in the same urban space. The club carried out 600 surveys of cyclists on streets in 9 districts of the city, and at the same time made more than 11,000 observations on the cycle lanes of the urban network.

The Barometer shows that although the number of cyclists who are aware of the bicycle traffic regulations is increasing, there are still 38% who admit that they do not know them. Furthermore, although it is not permitted, 36% of cyclists use headphones and 24% use their mobile phones when cycling.

With the aim of improving the mobility and safety of all those who move around the city, the RACC considers it necessary to promote training and knowledge of urban traffic regulations among cyclists, as well as to carry out coexistence campaigns aimed at users of all modes of transport.





Barcelona Airport and Port, Major Mobility Infrastructures Under Debate

[30 April 2021] RACC Mobility Club President, Josep Mateu, met with Mercè Conesa, President of the Port of Barcelona, and Sonia Corrochano, Director of Barcelona Airport, to analyse the situation of both infrastructures, vital for the mobility and progress of the metropolitan region, and their future prospects in a context of economic recovery and the return of tourist activity.

In figures, the activity of the Port of Barcelona, with 37,000 direct workers, is currently equivalent to 1.3% of the Catalan GDP (total logistics activity: 6.7% of the GDP) and the activity of Barcelona airport, with 40,000 direct workers, is equivalent to 6.5% of Catalan GDP.

In 2019, the Port of Barcelona exceeded 4.6 million passengers and the airport reached an all-time record with 52.6 million passengers. Although the pandemic has led to a drop in operations, both facilities hope to recover a certain degree of normality this summer and, with the return to full activity, to resume pending projects, such as the expansion of the facilities and the improvement of the connection with the public transport system. The aim of both infrastructures is to consolidate themselves as major international hubs. The meeting also showed the commitment of both facilities to environmental protection: the port is working to connect the cargo, passenger and cruise ships to the electricity

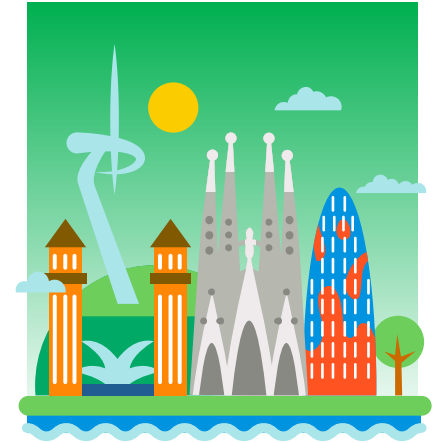
grid while they are berthed, and the airport is planning to install solar panels to achieve energy self-sufficiency by 2026.

The meeting is an example of the RACC's commitment to contribute to the improvement of mobility in all its aspects and with a metropolitan and long-term vision. The club considers it essential to have major competitive infrastructures that allow tourism, commerce and business to recover in order to overcome the economic crisis caused by Covid-19. In this sense, road and rail access to the port, the extension of the airport, the satellite terminal and public transport connections are investments that cannot be delayed.

The RACC, Founding Member of “Amazing Barcelona”, a Platform to Promote the Digitalization of the Tourism Sector

[18 May 2021] This public-private platform was created to transform, digitise, dynamise and boost tourism services in Barcelona and the region, taking advantage of the data generated by the arrival of visitors. The aim is to create a tourism intelligence centre: a single application for tourists that encompasses the entire travel process, from booking tickets and accommodation to visits and mobility within the city, an area in which the RACC participates through its CityTrips app. The initiative is promoted by Barcelona Tourism and, in addition to the support of the RACC, has the backing of the Chamber of Commerce,

Vueling, Telefónica, the City Council, FC Barcelona and Hospital Clínic, among others. All of them have come together in response to the need for digitalisation to interact and work on visitor data intelligence, before, during and after their stay in Barcelona. The Chamber and Barcelona Tourism will draw up a business plan to determine the potential of the project, as well as the necessary funding for its development. The priority is to make digitalisation, sustainability and knowledge a driving force for the transformation of the economic sectors that have been severely impacted by the pandemic.



Carlos Moreno Presents his vision of “The 15-Minute City” at the Mobility Institute

[21 May 2021] The Mobility Institute (www.mobilityinstitute.es/en/), the platform created by the RACC Mobility Club and Deloitte that analyses new trends and technologies in mobility, organised a conference with Professor Carlos Moreno, scientific director of the ETI Chair, Entrepreneurship, Territory, Innovation, at the Sorbonne Business

School in Paris, and promoter of the concept of “The 15-Minute City”, a model recently promoted by the Mayor of Paris, Anne Hidalgo. Moreno defended a new city model, where all the basic social functions (housing, work, commerce, education, health, leisure...) are within reach of users within 15 minutes on foot or

by bicycle, and called for investments in urban mobility to always be made with criteria of social, economic and environmental return. The French-Colombian scientist recognizes that the climate emergency and the pandemic experienced by Covid-19 “urges us to rethink how we live and how we move in the city”.





The RACC, Member of the New Advisory Board of TMB, Barcelona's Public Transport Company

[26 May 2021] RACC President Josep Mateu has joined the new Advisory Board set up by Barcelona's public transport company, TMB, as part of its new Strategic Plan 2025, currently being drafted. TMB manages the metro and city bus network and has more than 8,000 employees. The new Board is made up of 22 people of prestige and experience, representatives of the most significant organisations and sectors of society in the metropolitan area, who are invited to contribute value to the company's strategic decisions. The members of the TMB Advisory Board are voluntary and unpaid members.

The RACC participates with the aim of contributing to more sustainable, intelligent and affordable mobility for all users, also in public transport. To this end, it is essential to increase the efficiency of this service, as well as the quality of its offer throughout the metropolitan area, improving infrastructures and promoting intermodality with the incorporation of new personal and shared mobility services, as well as promoting the benefits offered by new technologies.

Study on How to Improve the Distribution of Goods

[26 May 2021] Every day, some 500,000 journeys are made in Barcelona for the delivery of goods, which account for around 20% of traffic and 40% of the emissions derived from traffic in the city.

For this reason, the RACC and the Bon Preu Group, a leading Catalan company in the food sector, have carried out the extensive study 'Urban Delivery of Goods and Last Mile in Barcelona'. By means of 4,043 observations in the ten city districts and 600 surveys of hauliers and 400 surveys of commercial establishments, they have analysed the urban distribution of goods in Barcelona in order to make proposals for improvement with respect to the current system.

The study highlights that loading and unloading spaces in Barcelona have been reduced by 30% in ten years, causing hauliers to double park in 1 out of every 2 services. Other data from the analysis reveal that 92% of vehicles start loading and unloading at

peak times, at 9:00 in the morning, and that 1 out of every 2 vehicles circulates at only 50% of its capacity.

Faced with this scenario, the RACC recom-

mends a series of measures such as rationalising delivery times, encouraging the efficient use of vehicles and promoting micro-distribution platforms.



Support for the Expansion of El Prat Airport

[2 June 2021] RACC President Josep Mateu took part in the event organised at the ESADE business school to support the expansion of Barcelona-El Prat Airport. Before representatives of 200 companies and organisations, Josep Mateu described the airport as “a strategic element in the mobility and international projection of the country, essential to be able to compete on equal terms with other regions of Europe”. He therefore called for “an investment with an economic, ecological and social return that contemplates real and generous environmental compensation, that respects the quality of life of local residents, that allows an increase in the number of passengers with a vision for the future and that keeps Barcelona connected to the world”



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The 14th Young People and Mobility Contest Rewards the Best Work on Road Safety

[17 June 2021] In the competition, organised by the RACC in collaboration with the Catalan Traffic Agency and the Departments of the Interior and Education of the Generalitat de Catalunya, 2,152 pupils from Secondary, Baccalaureate and Vocational Training in Catalonia took part with 1,346 works reflecting on how to improve the protection of the school environment.

The Escola d'Arts de Vic won the 1st prize in the Graphic Advertisement category, and the Escola Montserrat in Barcelona was the winner in the categories of Video for Instagram and Project to Improve Road Safety.

Around 19,700 boys and girls have taken part in the competition since the first edition in 2008.

CityTrips Offers Real-time Data on Carriage Occupancy in Metro Trains

[13 July 2021] Through the CityTrips app, created by the RACC and which brings together all the information on shared and public transport in 26 major cities around the world, the public transport company Ferrocarrils de la Generalitat de Catalunya (FGC) offers real-time data on train positioning, occupancy, lines, timetables and service alerts.

The app, which is free and available for iOS and Android mobile devices, has also incorporated information on four new motosharing operators in Barcelona: Oiz, Tucycle, Iberscot and Avant. More than 120,000 people already use CityTrips, an app that allows users to choose the best option for an urban or metropolitan route by comparing the time and cost of the journey.



Visit to the Vallirana Tunnel Control Centre

[14 July 2021] In the context of the regular visits organised to gain first-hand knowledge of the country's infrastructures, a delegation of the RACC, led by President Josep Mateu, visited the control centre of the Vallirana tunnel and bypass, a key work of the accesses to Barcelona. Inaugurated in 2019, it was recognised with the "Best Infrastructure Award" by the Catalan Infrastructure Advisory Council. The control centre, in a building outside the tunnel, near the west portal, has dozens of high-definition screens and manages a triple power supply system so that the tunnel and its emergency systems can never run out of electricity. In addition, the tunnel is equipped with intelligent sensors that monitor vehicle traffic in real time and allow immediate action to be taken in the event of a fire or accident or incidents such as vehicles travelling in the wrong direction or the presence of pedestrians or animals on the road.



Visit to the Construction Site of the Future Intermodal Station La Sagrera

[22 July 2021] With the aim of gaining first-hand knowledge of the status of the La Sagrera station project, a delegation from the RACC led by RACC President Josep Mateu, and General Manager Xavier Pérez, visited the works on this infrastructure. The La Sagrera intermodal station, which will

combine high-speed lines with the Commuter train service, metro and intercity buses, will occupy an area equivalent to the airport's T1 terminal, and will be the most important mobility infrastructure in Catalonia, capable of serving more than 100 million passengers a year. One of the main objectives of this project will

be to decongest Sants station, currently the second most important station in Spain, which now concentrates the city's high-speed activity. Moreover, this infrastructure will connect Barcelona with the main cities in the Southwest of France in less than 4 hours and with the cities of Girona, Lleida and Tarragona in 45 minutes.



The RACC Calls for Bike Lanes to Be Moved Down to the Road to Reduce Conflicts with Pedestrians

[8 September 2021] The RACC presented the study “The Behaviour of Users of Personal Mobility Vehicles (PMVs) in Barcelona”, which analyses the profile and behaviour of users of scooters and other personal mobility vehicles (PMVs) in the city. With the aim of understanding the keys to this growing phenomenon and proposing recommendations to improve coexistence and guarantee the safety of all users, more than 3,000 observations and surveys were carried out on 600 users of PMVs in 9 of Barcelona’s 10 districts.

The study revealed that the need for training and awareness-raising among PMV users is still a pending issue, as the users surveyed stated that they were unaware of half (51%)

of the basic aspects of the regulations for riding a scooter.

In terms of compliance with speed limits, 94% of the users observed acknowledged that they do not comply with the regulations when riding on the cycle lane on the pavement (maximum 10 km/h), while the vast majority (97%) do respect the limits on the road (25 km/h).

In terms of user profile, the majority of scooter riders are between 26 and 30 years of age, and the majority of scooter users have less than one year’s experience on a PMV.

And in terms of journeys, users make almost 3 trips per day on scooters and 8 out of 10 make journeys of less than 5 km. Some 83%

of scooter users previously used public transport or walked or cycled. The main reasons for the change are speed, saving money and comfort, among others.

In this context, and in order to reduce the high accident rate associated with this mode of transport, the RACC proposes several priority measures such as moving all cycle lanes onto the road. The mobility services club also recommends actions to minimise bad practices, campaigns for coexistence with the different means of transport and the promotion of knowledge of basic regulations. At the same time, it proposes establishing a general compulsory civil liability insurance and promoting the registration of PMVs, among other suggestions.

Meeting with Economists on the Funding Model for High Performance Roads

[13 September 2021] On 1 September, the concessions for the main motorways in Spain came to an end.

In Catalonia, the lifting of barriers has affected almost 425 km of roads, which can now be used toll-free. Faced with this new

scenario, the RACC organised a meeting at its headquarters between the Club's President, Josep Mateu, and the prestigious economists Guillem López Casasnovas and Germà Bel to hear their expert views on the different models for financing the road network.

While the central government defends the pay-per-kilometre system, the Generalitat, the regional government of Catalonia, was initially in favour of the vignette system, used in countries such as Switzerland, Austria, the Czech Republic and Hungary, among others. The financing of high-performance roads has opened a lively debate in Spain, as the central government intends to generalise pay-per-use, in line with EU recommendations, which generates opposition from those regions that have so far enjoyed free motorways and dual carriageways.

On this issue, the RACC advocates above all guaranteeing investment in maintenance and safety on the road network in order to reduce traffic accidents and calls for an equal financing system to be found for the whole of Spain to put an end to the situation experienced until now, with some regions paying tolls and others not. The Club also considers that the high contribution that users already make to the State coffers through taxes related to car use and ownership should be taken into account.



Visit to the Les Glòries Tunnel and Square Construction Sites

[28 September 2021] As part of the RACC's regular visits to see first-hand the status of major urban mobility projects, a delegation from the Club led by President Josep Mateu paid a visit to Barcelona's Les Glòries tunnel and square.

The square is located right at the entrance to the 22@ district, one of the most innovative and creative urban centres in the city, where the emblematic Glòries Tower, an icon of Bar-



celona and the work of the renowned architect Jean Nouvel, is located. The project began in 2015 and is now in the final stretch with the forthcoming opening of the tunnel that will give continuity to Gran Vía, one of the city's main

traffic arteries. The new underground route, 1 km long and of great technical complexity, is 25 metres deep and, once completed, will create a 20,400 square metre park on the surface; a large green lung for public use.

RACC Headquarters Hosts the Conclusion of the PIONEERS European Motorbike Safety Project

[29 September 2021] The conclusions of the European project PIONEERS (Protective Innovations of New Equipment for Enhanced Rider Safety) were presented on 29 September at the RACC headquarters. Over three years, the project has analysed possible technical improvements applicable to motorbikes and motorcyclists' equipment to reduce deaths and serious injuries due to road accidents. The project is a European Union initiative within the framework of the Horizon 2020 programme with a total budget of 4.83 million euros and its scope focuses on reducing motorcyclist fatalities in Europe, with the aim of significantly reducing fatalities by 2025. PIONEERS has analysed in detail more than 1,400 real-life serious motorcyclist accidents in order to better understand the factors that generate the most injuries. In addition, three safety devices have been tested: an automatic

pre-impact braking system; a jacket incorporating an airbag; and a motorcyclist's leg protector.

Although some of these elements are still in the pilot phase and are not yet available on the market, the research concludes that the development of these accessories could contribute to reducing, under certain conditions, up to 24% of motorcyclist fatalities. Thus, at European level and over a period of 5 years, savings of up to 140 million euros could be obtained for administrations.

The initiative was launched in 2018 and is led by a consortium of 16 partners, two of which are Catalan entities: IDIADA, a specialist in vehicle design, engineering, testing and homologation, which has coordinated the project; and the RACC, as the Mobility Services Club, which has provided the user's vision and analysed the impact on society.

Five universities from different European cities (Florence, Munich, Strasbourg, Gustave Eiffel and Darmstadt), two research centres (BAST and Neura), an industrial company (BOSCH), four equipment manufacturers (Dainese-AGV, Alpinestars, Rev'it and Motoairbag) and two motorbike manufacturers (Piaggio Group and Ducati) have also participated in the project. Following this presentation, the president of the RACC stated that road accidents are a priority public health problem that must be tackled through a joint effort and public-private collaboration. For this reason, the club asks administrations and companies to focus on the most vulnerable groups, such as motorcyclists. Among the measures to reduce traffic accidents, the RACC proposes making a firm commitment to new technologies and encouraging the use of protection systems among users.

More information: pioneers-project.eu





High Institutional Representation of the FIA at the RallyRACC

[17 October 2021] RACC President Josep Mateu and General Manager Xavier Pérez, welcomed Mohammed Ben Sulayem, current FIA President after the elections held on 17 December, and at that time Vice-President of Sport, who was accompanied by the President of the Royal Spanish Automobile Federation, Manuel Aviñó, at the 56th RallyRACC Catalunya-Costa Daurada. Also visiting the RallyRACC were Thierry Willemarck, then Deputy President for Mobility and Tourism, and Alejandro Quintana, President of

the Automobile Club of Chile, on a visit to Europe. In addition to participating in the official reception, the guests toured the facilities of the organization of the Rally in PortAventura, which houses the race direction, media centre and the service park.

The 56th RallyRACC Catalunya-COSTA DAURADA was held from 14 to 17 October and celebrated its 30th edition as a qualifying event for the World Rally Championship. After a year's break, the 56th RallyRACC Catalunya-COSTA

DAURADA held its sixteenth edition based in Salou and PortAventura World, premiering a new configuration 100% on asphalt, in compliance with the new provisions of the FIA that advocate racing world championship events on a single surface to reduce costs and facilitate the operation of the teams.

In the picture, from left to right: Thierry Willemarck, Manuel Aviñó, Josep Mateu, Mohammed Ben Sulayem and Alejandro Quintana, President of the Automóvil Club de Chile.

Award for the RACC Driving School

[1 October 2021] The newspaper El Periódico has awarded the Be Safe prize to the RACC's Advanced Driving Center as the best road safety and information project. The award, presented during the Barcelona Motorshow and voted for by the newspaper's readers and Internet users, highlights "the integration into the social and cultural fabric, and the professionalism and service management" of the Club's driving centre.

The RACC Advanced Driving Center has permanent facilities located at Circuit de Barcelona-Catalunya and in Madrid. The Centre offers all kinds of courses and experiences to individuals and companies to perfect driving techniques, even in the most adverse situations.



Visit to the L9 Connection with the Airport and the Natural Area of La Ricarda

[3 November 2021] A delegation from the RACC, led by President Josep Mateu and General Manager Xavier Pérez, visited metro line L9, which links the centre of Barcelona with El Prat airport, to check users' perceptions of the metro connection with the airport's two terminals. Afterwards, the delegation visited the natural area of La Ricarda to check the characteristics of this area, which could be partially affected by an expansion of Barcelona's airport.



Talking About Air Quality in Cities

[9 November 2021] As part of the regular meetings organised by the RACC with experts from different fields related to mobility, the Club brought together naturalist and ornithologist Jordi Sargatal (on the center of the image) and meteorologist Alfred Rodríguez Picó (on the left) to talk about air quality in our cities.

At the meeting with the President of the RACC, the two guests warned of the changes that are taking place in the environment due to

global warming and how the climate emergency situation may affect mobility. Both agreed on the need to make economic progress compatible with respect for the environment and on the need to be more efficient in order to maintain a certain quality of life. The climate crisis, caused by global warming, and the need to improve air quality in cities are two phenomena of great impact that concern our society. With the economic recovery, private vehicle transport in the

Barcelona metropolitan area has returned to normal much faster than public transport, which is still 20% below its previous level of occupancy. This fact, together with the persistence of the provisional traffic restrictions that were adopted in the middle of the confinement period, has increased road congestion as well as public concern about air quality, at a time when debates on the major mobility infrastructures that the country needs have been raging.

Visit to the Trambesòs, the Urban Tramway in the North of Barcelona's Metropolitan Area

[9 November 2021] The last visit of the year to mobility infrastructures was to the Trambesòs, the urban tram network that since 2006 has connected Barcelona with the towns of Sant Adrià del Besòs and Badalona. Together with the Trambaix, the other section that runs between Barcelona and the Baix Llobregat region, they serve the metropolitan area. A delegation from the Club, led by RACC President Josep Mateu, had the opportunity to see the depot and control centre of this infrastructure.



The Expert Vision of Maria Tsavachidis, CEO of EIT Urban Mobility

[11 November 2021] Maria Tsavachidis, CEO of the EIT (European Institute of Innovation and Technology) Urban Mobility, a Barcelona-based organisation created at the initiative of the EU and promoter of the Tomorrow Mobility World Congress, visited the corporate headquarters of the RACC, where she was received by the President, Josep Mateu, and the Director of the Mobility Area, Cristian Bardaji.

With her expert international vision, Tsavachidis provided very interesting reflections on the current

challenges of urban mobility and the innovative solutions that can be applied. Tsavachidis highlighted three challenges as the most important ones facing Europe in terms of mobility. Firstly, decarbonising mobility and, in particular, motorised traffic of private cars and trucks. The second challenge is to make mobility accessible and inclusive for all. The third is to invest in mobility in a very sensible way so that it is distributed where it creates the greatest impact and benefits for climate, health and the economy.

The CEO of EIT Urban Mobility was very hopeful about the Tomorrow Mobility World Congress project and its future: "We don't want to be an event that is held once a year and brings everyone together and that's it". For her, EIT Urban Mobility is a community and she stated "we have partnered with Fira de Barcelona because we believe that continuous teamwork is necessary to accelerate transformations in the field of mobility and to get the whole ecosystem engaged".



The RACC Promotes the Debate on the Urban Mobility of the Future

[16 November 2021] The RACC played a leading role in the first edition of the Tomorrow Mobility World Congress (TMWC), which was held from 16 to 18 November as

part of the Smart City Expo World Congress, organised by Fira de Barcelona and EIT Urban Mobility, the smart mobility knowledge community promoted by the European Union.

Within the framework of the TMWC, the Mobility Institute promoted by the RACC and the consultancy firm Deloitte presented its study on urban mobility trends in Barcelona and Madrid. RACC President Josep Mateu welcomed the attendees accompanied by Antonio Ibáñez, partner of Deloitte Digital. And at the Smart City Expo World Congress, the director of the RACC's mobility area, Cristian Bardají, presented the study on micro-mobility carried out by the Club, which analyses the profile and behaviour of users of scooters and other personal mobility vehicles (PMVs) in the city. Likewise, the RACC President was the protagonist of an interview broadcast in streaming within the Digital Program of the congress, where he spoke about the latest mobility trends in the urban environment and stressed the need for a mobility that allows to make compatible the protection of the environment with economic and social progress. Our Club is a member of the TMWC Advisory Board and since 2020 has held the vice-presidency of the Smart City Expo World Congress.



Headquarters Hosts a Delegation of Entrepreneurs from Brazil Linked to Smart Cities



[19 November 2021] On 19 November, around thirty businesspeople from Brazil linked to smart cities, mobility, urban planning and transport visited the RACC headquarters to learn about the new orientation of our organisation as a Mobility Services Club. The Brazilian delegation, on a visit to Catalo-

nia coordinated by Acció, the competitiveness agency of the Catalan Government, showed special interest in innovative initiatives such as CityTrips, the platform created by the RACC and awarded by the FIA that brings together the entire public and shared transport offer of nearly 40 major cities around the world.

They also showed interest in other initiatives of the Club, such as RACC Hop, a carpooling service for industrial areas of Barcelona or the RACC HolaBICI community, which offers assistance and services to cyclists as well as constituting a community of bicycle users that brings together more than 25,000 people.



Meeting with the Spanish Chief Prosecutor for Road Safety

[24 November 2021] Bartolomé Vargas, Chief State Prosecutor for Road Safety, met on 24 November with Josep Mateu, President of the RACC, to take an interest in the initiatives of our organisation in the prevention of traffic accidents.

During the institutional visit, Bartolomé Vargas was able to learn in detail about the intense activity of the RACC to reduce traffic accidents in our country, as well as the process of transformation that the entity has carried out to become a Mobility Services Club, expanding its scope of action to also provide service to citizens who travel on foot, by bicycle, in personal mobility vehicles and by public transport.

Among the topics discussed was the content of Opinion 2/2021, published by the Public Prosecutor's Office for the Coordination of Road Safety last June, on personal mobility vehicles (PMVs).

Bartolomé Vargas and Josep Mateu also expressed their willingness to collaborate and establish institutional relations between the Public Prosecutor's Office and the RACC in order to make progress in the investigation of the causes of traffic accidents.

The President of the RACC advocated that all actions in the field of mobility should be in the direction of Vision Zero. According to Josep Mateu, "as a society we cannot give up on achieving the goal of zero fatalities in traffic accidents. We cannot accept as valid the premise that the more mobility and the more diverse it is, the more accidents are inevitable, and that is why measures must be taken to guarantee coexistence between all modes of transport".



The Newspaper La Vanguardia Awards the Pioneers Project

[24 November 2021] On 24 November, RACC President Josep Mateu received the Moveo 2021 Road Safety Award from Enric Juliana, Deputy Director of the newspaper La Vanguardia, for the Pioneers project, in which the RACC has actively participated. The award recognises the contributions made by Pioneers in the research and testing of new elements to protect motorcyclists in the event of an accident, such as inflatable waistcoats with airbags, automatic emergency brakes and leg protectors in the event of a fall. Last October, the RACC headquarters hosted the presentation of the conclusions of this European project promoted by the EU.



The RACC Publishes the Results of the Green NCAP Tests

[25 November 2021] Throughout the year, the RACC presented the results of a new Green NCAP test, a European initiative that measures the energy efficiency and emissions of cars in real traffic conditions, with a final dissemination in November. In 2021, Green NCAP tested 33 vehicles, four of which received 5-star ratings (Volkswagen ID.3 PRO electric, Hyundai Nexo, Nissan Leaf and Lexus UX300e).

The programme assesses energy efficiency and emissions affecting air quality and also analyses greenhouse gas emissions. From 2022, as a new development, it will base its assessment of greenhouse gas emissions on a well-to-wheel analysis, which includes the entire fuel lifecycle.

The RACC Analyses the Impact on Mobility of the Superblock Project in the Centre of Barcelona



[2 December 2021] The RACC has presented the study "Impact on Mobility of the Superblock Barcelona Project in the Eixample". Superblock Barcelona is one of the main initiatives of the Barcelona City Council to carry out a profound urban transformation that involves reducing the space occupied by private vehicles and adding more green areas and pedestrian spaces. The study details that 8 out of 10 drivers in the Eixample district come from outside Barcelona, that 70% do not see public transport as a suitable alternative and that the Superblock project could increase congestion in the district by between 26% and 55% if compensatory measures, such as improving public transport, are not implemented.

The First 100% Electric Car to Take Part in a Rally is Presented at the RACC Rallysprint

[12 December 2021] As part of the 2nd Rallysprint RACC-Circuit de Barcelona-Catalunya, RACC President Josep Mateu, accompanied by RACC driver Sergi Pérez Benítez and co-driver Lorena Romero, presented the first 100% electric car to take part in a rally in Spain. This initiative is part of the actions that the RACC is promoting to contribute to the improvement of the environment, also in the field of motorsport. For the Club, it is a first step, to be followed by many more, to increase the presence of these vehicles.

It is the Opel Corsa e-Rally, a vehicle with a synchronous electric motor with an output of 100 kW (136 hp) and 260 Nm of torque, powered by a 50 kWh lithium-ion battery and front-wheel drive. In 2021, the Opel Corsa e-Rally has been part of the fleet of vehicles participating in the German ADAC Opel e-Rally Cup, the competition that has initiated the electrification of the rallying world. RACC driver Sergi Pérez Benítez, who at the



age of 17 is the current Catalan Promotion Champion and winner of the Junior Trophy, drove the car, with Lorena Romero García as co-driver. After a very regular performance, the pair finished in 11th position overall. Their participation in this event has been possible thanks to the RACC, Sports&You and Opel Sauter, Official Opel Dealer in Terrassa and Sant Cugat.

RACC President Josep Mateu highlighted this milestone as another step towards the future of mobility: "At the RACC we are always working on innovation to offer solutions to improve mobility. On this occasion we are presenting a one hundred per cent electric rally vehicle at the end-of-season sporting event, an important event because it shows where the future is heading."

Accidents Involving Scooters, under Debate at the 27th Barcelona Road Safety Forum

[13 December 2021] The Barcelona Road Safety Forum, the annual meeting organised by the RACC, the Barcelona City Council, the Catalan Traffic Agency and the Association for the Prevention of Traffic Accidents P(A)T, dedicated its 27th edition to personal mobility vehicles (PMVs), such as electric scooters, which have experienced strong growth in both usage and accident rates. RACC President Josep Mateu, emphasised the need for more information, training and regulation to integrate scooters into the urban space.



EuroRAP Road Assessment Study Celebrates its 20th Anniversary

[21 December 2021] The RACC has presented the 20th edition of the EuroRAP road assessment study, which analyses the accident rate on the Catalan road network. EuroRAP is a European consortium that analyses the road accident risk with the aim of improving road safety. Its methodology compares the number of serious and fatal accidents that

have occurred over the last 3 years on road section with the volume of vehicles circulating. Since 2002, the RACC has inspected a large number of Catalan and Spanish roads using the EuroRAP methodology, as well as roads in other countries in Europe, Asia and Latin America (France, Italy, India, Brazil, Peru, Costa Rica, Chile and Argentina, among

others) to contribute to improving the safety of road networks at an international level. In Catalonia, the study is carried out in collaboration with the Catalan Traffic Agency, the Department of the Vice-Presidency, Digital Policies and Territory of the Government of Catalonia and the Barcelona Provincial Council.

In the last edition of EuroRAP, 6,373 km of roads (interurban and through roads) were analysed, representing 93% of road mobility in Catalonia.

This year's study concludes very relevant data, such as the fact that motorcyclists are involved in 44% of serious and fatal accidents, although they represent less than 3% of total road mobility, or that the current risk of suffering a serious or fatal accident on a conventional road is 4 times higher than on motorways or dual carriageways. On the other hand, it should be noted that the accident rate on Catalan roads has fallen by 73% in the last 20 years (largely due to the decrease in mobility caused by the pandemic), although the fall in the accident rate over the last three years has been 10.6%. RACC President Josep Mateu, praised the public-private collaboration that has enabled this project to be carried out over the last twenty years and stressed that the joint challenge remains "to reduce the number of road accident fatalities to zero".





We are here to help