

REGULATORY BASES AND CALL FOR THE URBAN CHALLENGE AWARD "REDUCTION OF MOTORCYCLE-RELATED ACCIDENT RATES"

1. OBJECT

The object of these regulatory bases is to regulate the procedure for the awarding of the prize for the urban challenge "**Reduction of motorcycle-related accident rates**" on a competitive basis and in accordance with the Collaboration Agreement formalized between the Barcelona City Council, the Fira Internacional de Barcelona (hereinafter, Fira de Barcelona) and the Barcelona Institute of Technology for the Habitat Foundation (hereinafter, BIT Habitat) for the impulse of BARCELONA INNOVA LAB MOBILITY.

The Barcelona City Council, through **Agenda 2030 Commissioner**, promotes the **Barcelona Innovation Coast program**, a public-private platform that boosts innovation and knowledge transfer in the city of Barcelona, with the aim of diversifying Barcelona's economy through innovative projects that help consolidate the city as the innovation capital of southern Europe. **The Barcelona Innovation Coast** promotes innovation in four strategic sectors: mobility, energy, technology and digitalization, and health.

BIT HABITAT manages the Barcelona Urban Innovation Center, including the spaces and infrastructure of the equipment and has launched the Barcelona Innova Lab, a service that facilitates and accompanies companies, entities and organizations that are interested in carrying out testing activities in real conditions and in the Barcelona Urban Innovation Center, a public space for innovative solutions of public interest for the city.

Fira de Barcelona promotes, along with EIT Urban Mobility - an initiative of the European Institute of Innovation and Technology (EIT), a body of the European Union-, the **TOMORROW MOBILITY** show, which, within the scope of SMART CITY, is intended to make known the most important advances worldwide in the field of sustainable mobility, acting as a strategic lever to publicize and scale initiatives in this field internationally, and complementarily making available to the different actors of sustainable mobility a permanent physical space for innovation open to companies in the sector.

The BARCELONA INNOVA LAB MOBILITY aims to promote innovation and knowledge transfer between the parties that comprise it, through the mechanisms identified in the Collaboration Agreement, and through the development of initiatives among which are the "**Urban Challenges**", understood as a way of approaching the resolution of complex and specific problems and needs that require innovative solutions and that call the innovative ecosystem to contribute with their proposals without limitation in the forms and without demanding specific solutions.

Urban challenges are an invitation to creativity that seek to boost business ecosystems using innovation and knowledge transfer as advantage, being a necessary strategic element to strengthen the economy, generate quality employment, and attract and retain talent. This impulse must have a clear vocation of permanence, developing in a sustained manner over time so that companies and entities working on innovation consolidate their presence in the city of Barcelona, in the metropolitan area and in the territory of Catalonia.

2. PURPOSE

The purpose of this award is to encourage urban innovation projects that seek and promote new ways to solve a problem such as the motorcycle-related accident rate in the city of Barcelona, in which, through research, knowledge and innovation, products or services that can have a significant impact on how to address this problem in an innovative way are promoted or developed.

Barcelona is one of the European cities with more presence of motorcycles on the streets, because it is an urban vehicle of great flexibility of use in the short and medium distance journeys common in Barcelona.

In 2021, motorcycles and mopeds accounted for 33.3% of Barcelona's vehicle fleet. Specifically, motorcycles represented 27.7% and mopeds 6.1%.

Defined as a low-volume, high-occupancy means of transport, it has many advantages for getting around the city, such as its flexibility of use, its low consumption and the little space it occupies on public roads, both in circulation and parked.

However, the accident rate is a negative aspect that needs to be resolved and has become one of Barcelona's greatest challenges in terms of road safety.

In 2022, 23 fatalities were recorded in traffic accidents in Barcelona, of which 16 were motorcyclists, accounting for 70% of the accident rate, an alarming figure.

Motorcyclists account for 86.3% of seriously injured drivers, according to the Barcelona City Council's road accident report for the first half of 2022.

Among the causes of these accidents, the Balance highlights the distractions of motorcycle drivers, as well as driving without respecting the safety distance or not respecting traffic lights.

Regarding the location of these fatal accidents, the ones that stand out are those that happened in Rondas.

According to the RACC report 'Study on the use of motorcycles in Barcelona 2022', the specific locations with the highest concentration of accidents with fatalities involving motorcyclists in Barcelona are street crossings (37%), followed by secondary roads, where 24% of accidents occur, and the Rondes with 13%.

The same report highlights that 53% of motorcyclists consider turns at intersections with two-way bike lanes to be unsafe. They believe that this is the most dangerous element in the city for motorcycling. *Berliner speed cushions* and paint on the asphalt are the next most unsafe elements for motorcyclists: 52% consider them dangerous.

It remains to be seen whether the locations of motorcyclist accidents are related to these 3 elements.

Recognizing the urgency of this problem, the need to address motorcyclist accidents in an innovative and effective manner is indisputable.

3. CHARACTERISTICS OF THE URBAN CHALLENGE

3.1. The urban challenge for the reduction of motorcycle-related accident rates

This call is addressed at the urban challenge for the reduction of accidents related to motorcycles, increasing road safety in the city both for motorcyclists and for the rest of the citizens circulating in the city, whether walking or in other vehicles.

The innovative solutions that are being searched must have:

- **Innovative and differential component:** using innovative methodologies and resources in terms of planning and execution.
- **High impact:** with demonstrable impact and quantifiable and lasting return over time.
- **Executable in the short term:** maximum duration of 18 months between implementation and monitoring.

The proposed solutions must achieve a **high TRL**¹ (between 7 and 9) in order to be implemented in real environments and on a pilot basis. The solutions must be able to be monitored, evaluated and optimized in the pilot phase in the city, demonstrating the achievement of the impacts in time and in the spatial delimitation defined by the participant.

Although the final solutions must have a high TRL, the proposal development process may include phases of research, analysis, laboratory experimentation and prototyping, corresponding to TRLs below 7.

3.2. Scope of action. The solution must define the deployment space of the pilot project, either the whole city or a specific typology of space, by its either form and/or function. **Selection Committee** reserves the right to propose an alternative context that meets the characteristics defined by the proposal as a test space.

In the case of a specific definition of the testing area, the feasibility of the proposal must be justified.

3.3. Target audience. The solution must define the target audience, either the whole group of people who use motorcycles (either as drivers or riders or as private or professional use), or a specific group defined by gender, age, etc... The proposal can be addressed to any public, as long as it is justified in the proposal.

3.4. Time. The solution must define the execution and monitoring times. The maximum duration of the projects is of 18 months, of which the pilot phase with monitoring must be at least 6 months. The pilot phase must allow the evaluation of the results and validation of the solution. In this phase, it is possible to intervene and optimize the solution according to the response it is having. A duly justified extension may be requested, in which case will involve no increase in budget.

The justification report with the qualitative and quantitative results of the pilot must be delivered no later than three (3) months after the end of the pilot phase.

3.5. Types of action

¹ The TRL, technology readiness level or technology maturity level of the project, is a concept used to measure the state of development of a technology in the broad sense (devices, materials, components, software, work processes, etc.).

More information can be found at

https://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/annexes/h2020-wp1415-annex-g-trl_en.pdf

The solutions may be oriented to solve this problem from one or both of the following perspectives:

3.5.1. Behavioral Action.

The solution must have the necessary format to achieve the objectives and be applied, if appropriate, to the public infrastructure.

The solution must be able to intervene on the behavior of the people using the motorcycles, to influence their behavior. This logic is inspired by the "*nudge theory*"², which seeks to modify the architecture of individual decisions by trying to change people's behavior. In this context, it is necessary to intervene in motorcyclists' driving to limit incivic or dangerous behavior on the road, and/or to discourage the use of motorcycles for journeys that can be replaced by public transport, cycling or walking.

3.5.2. Technological innovation

The solution must have a strong technological component, a component that can be applied to space (public infrastructure), to the vehicle (the motorcycle), or to people (the motorcyclist), or a combination of these. By technology, it is meant the sum of techniques, skills, methods, materials and processes used in the production of goods or services. In this sense, the solution, or set of solutions, may be digital, but not necessarily.

The solution, in the pilot phase, must comply with current regulations.

3.6. Impacts

Impact is defined as lasting or significant changes brought about by an action or combination of actions. In the context of this call, impacts will be understood as all those changes that contribute to solving the challenge of reducing the motorcycle-related accident rate.

The expected impacts must derive unequivocally from the exploitation of the results of the proposed project.

- It will be valued, in particular, impacts that are lasting over time and therefore not limited to one time benefits.
- The proposals submitted will have to justify in a plausible and reasoned manner the potential impacts that are estimated to be obtained from the implementation of the project.
- The impacts of each project must be quantitatively and qualitatively verifiable during and at the end of the project implementation. The proposal will have to define the appropriate verification indicators, which will have to include the contrast data and the objective impacts to be achieved and measured.
- The minimum values to be achieved for each of the proposed impact verification indicators must be specified. These indicators must be measurable in absolute values (units), relative values (percentages) or incremental values (growth or decrease over time) and must be limited in time and segregated by sex, when appropriate.
- Proposals that do not clearly and concretely identify the minimum values to be achieved at the end of the project could be discarded in the proposal eligibility review.

² Recommended lectures on nudges:

<https://bcnroc.ajuntament.barcelona.cat/jspui/handle/11703/122700>

) <https://cordis.europa.eu/article/id/430312-nudging-and-coaching-measures-boosting-road-safety/es>

The following are some examples of possible types of impacts that could result from the implementation of approved projects, for illustrative purposes and without being restrictive or prescriptive.

EXAMPLE OF TYPE OF IMPACTS

- Impact on the safety of motorcyclists in public space.
- Impact on the safety of third parties
- Impact on the perception of safety on the street

EXAMPLE OF TYPE OF INDICATORS

- Number of motorcycle accident fatalities
- Number of accidents
- Number of infractions by motorcyclists

4. BUDGET ENDOWMENT

This challenge is endowed with the **MAXIMUM** amount of TWO HUNDRED THOUSAND EUROS (200,000.00 euros).

The projects submitted must have one or both types of action according to the description detailed in point 3.5.

The projects that may participate in the call for proposals must have a minimum budget of 50,000.00 euros, with no maximum budget limit.

The selected projects will receive an award equivalent to 80% of their eligible costs, with a maximum of 100,000.00 euros per project.

The maximum amount to be awarded for each project will be 100,000.00 euros, and the minimum amount will be 40,000.00 euros.

The sum of the total amount for the prizes awarded may not exceed the maximum amount for the call, i.e, 200,000.00 euros.

5. CALL FOR PARTICIPANTS

5.1. Requirements to be met by participants

The participation in this call is open to legal entities that can develop a project proposal that responds to the needs and/or challenges posed, in accordance with the requirements established in this call. Among others, and without limitation, associations, foundations, micro and small enterprises, cooperatives, individual entrepreneurs, universities, research centers and technology centers can participate.

The participation is also open to groups of legal entities or of any other type that, without having legal personality, can develop a project proposal that responds to the needs and/or challenges posed.

The grouped entities and persons will have to fulfill, each one of them individually, all the obligations and requirements foreseen in this call to be beneficiaries of the award and will have to appoint a representative of the group.

The requirements to be met by the legal entities, whether individual or grouped, as well as the rest of the possible beneficiaries, and which must be duly accredited, are the following:

- To be legally constituted.
- To have access to the Internet and/or electronic media, as well as a valid e-mail address and a valid contact telephone number to be used for notifications and communications.
- Be up to date with tax and fiscal obligations with the *Agencia Estatal de Administración Tributaria*, as well as with the *Seguridad Social*.
In the case of non-Spanish companies or entities, they will have to prove that they are legally constituted and up to date with their obligations by means of certifications issued in accordance with their national legislation.
- Not to make false declarations when providing the information required to be able to participate in the call.

In the case of grouped of legal entities the following conditions must be met and accredited:

- A single representative or proxy of the group must be appointed for the fulfillment of obligations that, as a beneficiary entity, correspond to each of the members.
- Modification of the composition of the group shall not be permitted. The change of representative of the group or the redistribution of the obligations and commitments for the execution of the project initially assumed by each member will require the prior authorization of Fira de Barcelona.
- The designated entity or person will act as interlocutor and representative of the group throughout the life of the award before Fira de Barcelona and will be the one to present the project and all the required documentation, receive the payments and distribute the corresponding part to the rest of the entities or persons, while coordinating the different interventions of the different entities and persons in the group.
- The member entities will have to participate jointly in the definition and execution of the project. Consequently, all the member entities will have the status of beneficiaries. The group, however, will have to designate a lead organization that will act as the sole representative before Fira de Barcelona.
- The execution commitments assumed by each of the member entities must be stated in the model grouping agreement provided by Fira de Barcelona.
- The amount of the prize to be applied to each of the entities must be expressly stated in the project budget proposal.
- The entity or person designated as representative of the grouping will be fully responsible for the project before Fira de Barcelona with respect to compliance with the obligations established in this call for proposals, without prejudice to the responsibility of the other persons or entities that are members of the group.
- If the project submitted receives funding from other public administrations, or if it is expected to be applied for or pending resolution, the group of entities must always be the same in all calls for proposals and have the same structure and the same main organization acting as representative.
- The persons or entities that make up the group shall be jointly and severally liable for the fulfillment of all obligations arising from the granting of this award.

5.2. Call for participants

The call for this award will be articulated in a **single phase**.

Those interested in participating will have to submit an application form and a project proposal in accordance with the indications and minimum content indicated in these bases.

Once the application period has ended, a period of administrative review and technical analysis and evaluation of the documentation received will begin, which will determine the proposal for the resolution of the winning proposal.

The winning proposal will be published on the following web page:

- <https://www.tomorrowmobility.com/>

5.3. Application for participation and documentation

The documentation to be provided and that makes up the proposal consists of the following annexes:

Annex I - Application for Participation (as established in 8.2.).

Annex II - Model of collaboration agreement in case of grouped individuals or entities.

Annex III - Model of executive proposal of the Project.

Annex IV - Financial Report of the Project.

5.3.1. Application for participation

The proposal must be submitted by means of Annex I, in Catalan, Spanish or English, to which the following documentation must be attached:

- ☐ **Presentation** of the company, entity or group and curriculum vitae of the participants (, group of fact, start up).
 - In the case of a group of legal entities, the collaboration agreement for a group of persons without legal personality and solidarity of the proposal, signed by all its members, must also be provided, in accordance with the model provided for this purpose and which is included as **Annex II**.
- ☐ **Executive proposal of the project.** Project report that includes the relevant information of the project, including in any case the presentation of the idea, the description of the product or service, the opportunity, the planning, the chronogram, and the objectives, (maximum 25 pages), that must contain at least the following aspects:
 - **PROJECT EXCELLENCE:** executive summary, project excellence, objectives and expected results, concept and methodology, cross-cutting approach, alignment with the challenges, innovative composition, proposed technical solution, technological maturity and feasibility, additional aspects of social inclusion and gender equity.
 - **PROJECT IMPACT:** potential impacts, other impacts, exploitation of results, communication and dissemination plan.

- PROJECT IMPLEMENTATION: work plan, planned activities, budget, project management, replication and scalability, contribution of people who will carry out the proposal, use of open methodologies.

The proposal must include a pilot phase in a real environment (TRL greater than 7), with the achievement of quantifiable impacts in terms of safety for motorcyclists and third parties in public space.

For this purpose, a model is included as **Annex III**.

□ **Financial report of the project.**

- Project budget forecast.
- Breakdown of the project between personnel expenses, direct costs, external contracting, indirect costs and investments.

For this purpose, a model is included as **Annex IV**.

5.4. Deadline and place of presentation

The deadline and place of presentation will be those indicated on the web page of the call for proposals.

For information purposes, and without prejudice that the dates forecast may be modified according to the announcements published on the website of the call, it is foreseen that the deadline for the presentation of proposals will be March 1, 2023, and that the winning proposal will be announced during the month of March 2023.

The call for proposals will be published on the website <https://www.tomorrowmobility.com> and the documentation will have to be submitted to the following email address:

- bilm@firabarcelona.com

Any queries regarding these rules may also be sent to the same e-mail address, from Monday to Friday, from 9:00 am to 2:00 pm, until February 14, 2023.

Fira de Barcelona reserves the right to extend the deadlines indicated, if so considered.

6. SELECTION COMMITTEE

The Selection Committee composition:

- A representative of the Department of Mobility of the Barcelona City Council,
- A representative of the Agenda 2030 of the Barcelona City Council,
- A representative of the Bit Habitat Foundation and,
- A representative of Fira Internacional de Barcelona.

Agreements will be adopted by the favorable vote of a simple majority of its members.

If necessary, a working group may be created to advise the Selection Committee, which will be made up of independent expert evaluators appointed by the Selection Committee.

The Selection Committee will have the following competencies:

- ☐ Evaluate the proposals and decide on its admission.
- ☐ Issue the verdict regarding the finalist proposals.
- ☐ Resolve any doubts or incidents that may arise in relation to the evaluation process.

7. VALUATION CRITERIA

| Criteria 1. Project Excellence | Valor* | |
|---|---|---------------------|
| Subcriteria | | |
| 1. Clarity and relevance of project objectives and results | | Maximum 5 points |
| 2. Maturity and feasibility of the proposed solution 1) Credibility of the proposed methodology and of the required pilots/demonstrators. 2) Adhesion of representative user entities confirming its validity. | | Maximum 5 points |
| 3. Innovative and differential component of the proposed solution. Use and appropriateness of innovative methodologies and resources in the project approach. | | Maximum 5 points |
| 4. Multidisciplinary perspective of both the work team and the project approach. | | Maximum 5 points |
| 5. Gender and equity perspective of the proposal. | | Maximum 5 points |
| 6. Ability to attract and retain national and international talent linked to urban mobility | | Maximum 5 points |
| | Valuation 1 <i>Minimum score per Criteria ≥ 3,1</i> | Total Points |
| Criteria 2. Impact | Value* | |
| Subcriteria | | |



| | | |
|--|---|---------------------|
| 1. Relevance of the potential impacts of the challenge. Contribution and scope of the proposal to the proposed impacts. | | Maximum 5 points |
| 2. Validity of the proposed indicators in relation to the identified impacts 2. - Quantity and quality of indicators - Existence of baseline data to measure impacts. - Verification procedure for potential impacts. - Contribution and scope of the proposal's impact (achieved value of the indicators) to the urban challenge and the areas of action. | | Maximum 5 points |
| 3. Potential for exploitation of project results. | | Maximum 5 points |
| 4. Demonstration of the economic sustainability (proposed sustainable business model) of the project at the end of the award phase. | | Maximum 5 points |
| 5. Other additional impacts not associated with the urban challenge that may have a positive social return (e.g. potential for inclusion, social return, positive environmental impact, etc.). | | Maximum 5 points |
| 6. Quality and coherence of the actions planned to communicate and disseminate the project and its results. | | Maximum 5 points |
| | Valuation 2 <i>Minimum score per Criteria ≥ 3,1</i> | Total Points |
| Criteria 3. Implementation. | Value* | |
| Subcriteria | | |
| 1. Soundness, coherence and alignment with the project objectives of the work plan, activities, assigned resources, responsibilities, procedures and budget. | | Maximum 5 points |



| | | |
|---|---|---------------------|
| 2. Management bodies of the company: soundness of the planned technical and administrative management structure and procedures. | | Maximum 5 points |
| 3. Professional qualifications of the applicant(s) and the fit of their skills with the project. | | Maximum 5 points |
| 4. Identification, qualification and quantification of the project risks, as well as definition of the procedures or measures for their management. | | Maximum 5 points |
| 5. Exploitation potential, scalability, replicability, and future profitability of the project. | | Maximum 5 points |
| 6. Provision for free or semi-free licensing or use of open methodologies. | | |
| | Valuation 3 <i>Minimum score per Criteria $\geq 3,1$</i> | Total points |

The evaluation of each criteria corresponds to the median score of its corresponding sub-criteria.

(*) Minimum value required for each of the three criteria is ≥ 3.1 .

(*) The value of each sub-criteria is scored from 0 to 5 to one decimal place.

The correspondence of marks is:

- **0 to 2 points:** Does not achieve the sub-criterion;
- **2.1 to 3 points:** achieves the sub-criterion sufficiently;
- **3.1 to 4 points:** achieves the sub-criterion well;
- **4.1 to 4.5 points:** achieves the sub-criterion very well; 4.6 to 5 points: achieves the sub-criterion well.
- **4.6 to 5 points:** excellent achievement of the sub-criterion.

The winning proposals and, therefore, beneficiaries of the award, will be those that obtain the highest score considering the evaluation obtained according to the above table.

The total score for each project will be given by the sum of the average scores for each criterion, since the maximum score that may be obtained by the proposals submitted will be 15 points.

No proposal will be considered if it has not exceeded the limit of 3,1 points in each of the three criteria (average score of the corresponding sub-criteria).

8. AWARD OF THE PRIZE

8.1. Award procedure and resolution

Admission and evaluation

Once the documentation detailed in clause 5.3 has been submitted, it shall be verified that it complies with the requirements defined in these bases. In the event that the applicant has not provided the documents indicated in the call for proposals, he/she may be requested to amend or complete the documentation submitted.

The Selection Committee will evaluate the proposals submitted, in accordance with the criteria indicated in clause 7, and will select the winning proposal.

Resolution and notification

The participant that has submitted the winning proposal shall be notified and shall be required to submit the documentation indicated in clause 8.2 within ten (10) working days.

Once the documentation has been submitted and analyzed, and if it is correct, the award will be definitively decided in favor of the winning proposal, and will be published on the web page <https://www.tomorrowmobility.com>

Fira de Barcelona will have the authority to decide the awarding of the prize.

Acceptance

The persons proposed as winners will have to present the document of acceptance of the award within a period of ten (10) working days from the day following the notification of the award proposal.

Payment

Winning proposals will receive an award of up to 80% of the anticipated cost of the project, with the maximum financial amount of 100,000.00 €. The funding may only be used for activities related to the development/implementation of the proposal and will have to be justified in accordance with the provisions of these bases.

In addition, the winner will benefit from:

1. The possibility of establishing relationships with other ecosystem actors and stakeholders that Fira de Barcelona may promote within the framework of the obligations of the collaboration agreement.
2. Possibility, if necessary, of using a space at the Montjuïc fairgrounds.
3. Local and international visibility as a result of communication, dissemination and promotion activities.

The payment of the prize will be made 100% by means of an advance payment as a fund delivery prior to the justification (advance payments) to carry out the actions inherent to the prize.

Prior to payment, the beneficiary will have to fill in the corresponding third party registration form with the bank details so that the bank transfer can be made.

8.2. Additional documentation

The application to participate in the call for proposals must include, in any case, the following documentation and/or information:

- ☐ Responsible statement of the person submitting the proposal indicating: name and surname(s), address, Tax ID number, telephone number and e-mail address.
- ☐ Responsible statement of being up to date with their tax and Social Security obligations, or those corresponding in accordance with their national legislation in the case of non-Spanish companies or entities.

The winning legal entities will have to provide irrefutable proof of these points.

- ☐ Data relating to the legal personality and its capacity to act, and the representation with which the person signing acts when this is registered in a public registry.
- ☐ Statutes of the legal entity
- ☐ Registration of the legal entity in the corresponding register
- ☐ Tax ID number of the legal entity
- ☐ Photocopy of the DNI/NIF of the person signing the application and documentation accrediting the representation, if it is not registered in the registry. This documentation does not have to be provided if the electronic signature accredits that the signatory has sufficient powers to act on behalf of the represented person.

9. OBLIGATIONS OF THE BENEFICIARIES

The beneficiaries of the award will be obliged to:

- Disclose that the activity has been financed by the Barcelona Innova Lab Mobility Project by stating in the printed material or other means of dissemination the corresponding phrase together with the logo of the institutions promoting the Project, which will be delivered to them in a digital file.
- Carry out the activity on which the award is based.
- Justify the application of the funds received, as well as the performance of the activity and the fulfillment of the purpose for which the award was granted.
- Communicate any significant alteration that occurs after the award or, where appropriate, the corresponding waiver.
- Collaborate in the verification and information activities that may be of interest to Fira de Barcelona.
- Keep such accounting documentation as may be required to guarantee the powers of inspection and control.
- Keep the documents justifying the application of the funds received, including electronic documents, for as long as they may be subject to verification and control actions.

In any case, Fira de Barcelona will be exempt from civil, mercantile, labor or any other type of liability derived from the actions to which the persons or entities receiving the prize awarded are obliged.

The beneficiary must have begun the implementation of the proposal in accordance with the timetable defined in the proposal, and in any case, within the maximum period determined in the call for proposals after the awarding of the prize.

10. JUSTIFICATION, MONITORING AND CONTROL OF PROJECTS

Project Monitoring and Monitoring Committee

A monitoring committee will be set up to ensure the correct deployment of the winning solution and to evaluate the degree of compliance with the planned objectives.

The beneficiary legal entity will send the follow-up reports indicated by the monitoring committee. The follow-up report will consist of:

- ☐ A project report indicating the activities carried out, as well as the impact generated.
- ☐ An economic report that will include a classified list of expenses and a detailed and numbered list of other income or subsidies that have financed the activity, indicating their amount and origin.

Final report

To justify that the activity on which the award is based has been carried out, the beneficiary undertakes to present, three months after the end of the project, a final justification account that will include the following:

- ☐ A project report indicating the activities carried out and the results obtained: impact and indicators.
- ☐ An economic report that will include a classified list of expenses and a list of income and subsidies that have financed the project:

Supporting account with mandatory auditor's report.

For these purposes, the beneficiary will have to present the supporting account signed by the legal representative or by the person signing the application for the award, which will have to include the detail of the cost of the activities carried out, and their documentary justification.

Reimbursement and waiver

Fira de Barcelona may demand the total or partial reimbursement of the prize in the following cases:

- ☐ For lack of justification or incomplete justification of the use of funds.
- ☐ For failure to comply with the purpose of the prize or other conditions established in this call.
- ☐ For non-compliance with the conditions imposed on the beneficiaries in connection with the awarding of the prize.
- ☐ For resistance, excuse, obstruction or refusal to the verification and control actions.

In the event that the results obtained show disparities with respect to the project, the veracity of the impacts will be verified. If through this verification it is resolved that the results expected have not been achieved:

- ☐ In case of deviations higher than 20%, it will have to be communicated and justified for the reformulation of the project. The validity of the arguments provided to accept the deviation of the results achieved with respect to those foreseen will be considered.

In case the justifications are not accepted, a pro-rata percentage of the amount to be returned, calculated according to the percentage of deviation, will be made.

- ☐ In case of deviations of more than 50%, resulting from negligence or lack of due diligence on the part of the beneficiary, the total amount to be returned will be claimed back.

The beneficiary may voluntarily waive the award. The waiver must be prior to the start of the financed activity or its collection; otherwise, the beneficiary will have to reimburse the amounts received.

11. LIMITATION OF LIABILITY

Fira de Barcelona reserves the right to reject any proposal or withdraw a place in the call if a participant fails to comply with these bases or, also, in the event of a potential conflict of interest. Fira de Barcelona will not be responsible for or reimburse any costs incurred in submitting materials or information in accordance with the call for proposals, including evaluation, response, follow-up, negotiation or any other costs incurred to meet the requirements of the call for proposals in conjunction with the implementation of the proposal.

By submitting to the solicitation, participants:

- Respond for the authorship and originality of the projects submitted, as well as for the copyright and other intellectual or industrial property rights on any material, product and/or computer programs or software (whether in printed or machine format).
- They guarantee that they do not infringe any rights of third parties, whether industrial, intellectual or any other type of property.
- Acknowledge that they are holders, or legitimate assignees, of the full ownership of the supports of any kind, including, by way of example and without limitation, of the documentation and any analog, magnetic and/or digital supports or materials, in which the object of the project is materialized and fixed, in whole or in part.
- They guarantee that they are holders of the intellectual and/or industrial property rights related to the ideas presented in this call and of all creations, databases, tools, methodologies, processes, technologies, know-how, software and products in general.

The results of the evaluations are final and binding. Fira de Barcelona is exempt from any liability, sanction, claim or demand in civil, commercial, criminal and administrative proceedings, including compensation of any kind or nature, as well as from any expenses (expressly including lawyers' and attorneys' fees).

The decision of the members of the Selection Committee is final and Fira de Barcelona will not enter into any discussion on the result nor will it be subject to challenge by the participants.

12. INTELLECTUAL PROPERTY

The owner(s) of the participating projects will be the owner(s) of the intellectual and industrial property rights, as well as the know-how on the proposal submitted and on its development (hereinafter, the "Results").

The beneficiaries grant a free license on the "Results" to Fira de Barcelona. This license is only for the municipality of Barcelona, is transferable by Fira de Barcelona to the Barcelona City Council and/or its dependent bodies and/or other municipal public law entities, has the same duration as the industrial and intellectual property rights or know-how on "the Results", may be sublicensed and is not exclusive, so the beneficiaries may continue to exploit these "Results" on their own in the municipality of Barcelona.

Fira de Barcelona and the beneficiaries will sign, at the appropriate time of execution of the winning project or at a later time, a detailed license agreement on the "Results" in favor of the former, which will include, as a minimum, what is provided for in this clause.

This detailed license agreement will be negotiated in good faith by all parties and will take into account the concerns expressed by the beneficiaries to protect the "Results" and to obtain an economic benefit.

The beneficiaries will have to guarantee that they do not infringe the rights of third parties and that, in case the use of intellectual and industrial property rights or the know-how of third parties is necessary, they have the corresponding permissions and/or licenses to be able to comply with the provisions of these terms and conditions.

The beneficiaries will hold harmless Fira de Barcelona, as well as any successful bidder or contractor or entity to whom Fira de Barcelona transfers or sublicenses the rights established in these rules, from any judicial or extrajudicial claim.

Participants exempt Fira de Barcelona from any responsibility derived from the contents and use of the projects by third parties.

In the event that it is proven that the prize-winners are not the authors of the original projects, they will be obliged to return to Fira de Barcelona the amount of the prize money awarded, without prejudice to the demand for the appropriate responsibilities. In order to make the amount to be returned effective, the corresponding interest for late payment will be added.

13. DATA PROTECTION

Fira de Barcelona will process the personal data provided within the framework of this call, as well as its updates, in accordance with the provisions of this clause. Fira de Barcelona will only communicate the data when strictly necessary. In any case, the data will be treated with a level of protection in accordance with the applicable rules on data protection and will not be subject to automated decisions. In the event that personal data of third parties is provided, Fira de Barcelona is guaranteed that they have been informed, prior to inclusion, of the content of this clause and shall be personally liable to Fira de Barcelona for any damages that may arise in the event of contravention.

Privacy Policy and Personal Data Protection Information

| | |
|-------------------------------|---|
| Responsible | FIRA INTERNACIONAL DE BARCELONA with tax number Q-0873006-A and address in Barcelona, Av. Reina M ^a Cristina s/n 08004. |
| Purpose | Process your data in connection with your participation in the urban challenge of reference. |
| Legitimation | Consent of the data subject |
| Addressees | No data will be disclosed to third parties |
| Rights | Participants may at any time, under the terms established in the current legislation, exercise their rights of access, rectification, deletion of data, limitation of processing or opposition, as well as request the portability of their data, by writing to the address Avendia Maria Cristina s/n 08004 Barcelona, to the mail lopd@firabarcelona.com , clearly indicating the right to be exercised, accompanied by the national identity card or similar identification document that proves the corresponding identity. |
| Additional information | Additional and detailed information on Data Protection can be found in the Regulatory Bases of the Urban Challenge published at https://www.tomorrowmobility.com/congress/ |

14. NULLITY OF CLAUSES AND CONSULTATION AND RESOLUTION OF DOUBTS

If any section of these rules is declared, totally or partially, null or ineffective, this nullity or ineffectiveness will only affect the provision or part of the provision that is null or ineffective, and will subsist in all the rest of the rules. The section, total or partial, that is affected shall be considered not included, except that, in case of being essential to these bases, it would have to affect them integrally. Thus, any situation not resolved in these rules will be raised directly with Fira de Barcelona, as organizer of this challenge, which will dictate the solution to the incident raised, which will be binding and will be communicated in writing to the participant affected.

To make inquiries or resolve any doubts related to the objective of the call or the submission of the participation application, interested parties may contact Fira de Barcelona through the e-mail address bilm@firabarcelona.com.

15. APPLICABLE LAW AND JURISDICTION

The law applicable to this call for proposals is Spanish law.

By submitting a proposal, participants irrevocably accept the jurisdiction of the courts of Barcelona for any dispute or litigation that may arise in connection with these regulatory bases.

16. LANGUAGE OF THESE BASES

These regulatory bases may be consulted in three languages, Spanish, Catalan and English, although the Catalan version shall prevail over the others in the event of any dispute.