

## TERMS & CONDITIONS

### CALL FOR SOLUTIONS

#### **How can technology help to optimize the use of irrigation water in the city's green areas?**

These terms & conditions regulate participation in the Call within the framework of the challenge “How can technology help to optimize the use of irrigation water in the city's green areas?” launched by Digital Future Society (hereinafter, “**DFS**”), a programme of the Fundació Barcelona Mobile World Capital Foundation (hereinafter, “**MWCapital**”) in collaboration with Aigües de Barcelona. Participation in this Call for Solutions implies full acceptance and compliance with these terms & conditions.

Consequently, the organizer of this Call for Solutions is Fundació Barcelona Mobile World Capital Foundation, with address in Barcelona (08039), Pau Vila Square, 1, sector 2-C, Palau de Mar building, with the CIF G-65760431.

#### **1. Introduction**

MWCapital is a non-profit entity that aims to promote the digital transformation of society, helping to improve people's lives globally. Founded and promoted by the Ministry of Economy and Business of the Government of Spain, the Generalitat de Catalunya, Barcelona City Council, Fira de Barcelona and GSMA, MWCapital also has the support of private companies such as Telefónica, Vodafone, Orange, Damm and CaixaBank. With this public and private support, MWCapital focuses its activity in four (4) areas: the acceleration of **innovation** through digital entrepreneurship; the transformation of the industry through digital **technology**; the growth of digital **talent** among new generations and professionals; and reflection on the impact of technology on our **society**.

**In the framework of its initiatives, MWCapital promotes the DFS programme with the objective to build an inclusive, equitable and sustainable future in the digital era. DFS engages technology experts and social scientists to explore, experiment, and exchange knowledge in four (4) verticals: public innovation; digital trust and security; inclusion and citizen empowerment; and sustainable growth.**

The DFS Think Tank is the research and deliberation body of the DFS programme, the purpose of which is to foster a greater understanding of the impact on society of digital technologies through research and discussions focused on four verticals.

Throughout the year, the DFS transforms global reflections into local actions and creates solutions that seek to respond to the most urgent challenges of technological disruption through the DFS Lab. In this context, the “DFS Lab” is responsible for validating the recommendations of the DFS Think Tank and for identifying and testing solutions in response to the challenges defined within the four above-mentioned verticals.

Through its collaborative approach, DFS Lab launches calls to identify, share, and scale ideas and solutions that aim at overcoming social challenges.

## 2. Objective

In a context of climate emergency, sustainability and the conscious use of natural resources, such as water, has become a priority. In Catalonia, the alert for drought has driven municipalities, such as Esplugues de Llobregat, to promote a responsible use of irrigation water with the aim to reduce its overall use. These efforts should also work to maintain public areas green as they are linked to the mental and physical well-being of the population.

As climate change alters the irrigation needs of parks and green spaces, the challenge lies in finding innovative technological solutions that allow for optimizing water use for irrigation, as well as reducing the maintenance cost of green spaces of the municipality of Esplugues. In this way, guarantee more appropriate and comprehensive management that ensures the continuity of the service, while reducing the resources used.

Esplugues' previous use of sensors and automation in irrigation, has shown that there is room for improvement in the agility and effectiveness of these measures, and the interoperability with other systems. Therefore, the final aim is to find solutions that can focus on the monitoring and control of irrigation water; prediction and automation of irrigation in real time; status and management of water infrastructures and integrated management initiatives.

This call seeks to achieve its objectives by selecting one (1) winning proposal that will lead to the launch of a collaboration. Specifically, within the action framework of this collaboration, it will promote the realization of a pilot project where both the technology and its impact in the real context of the municipality of Esplugues de Llobregat will be validated.

The current Call for Solutions seeks proposals that bring different perspectives and experiences from organisations that can contribute to solving the described challenge. It especially looks for collaborations across the different sectors and fields that are already tackling the described challenge.

Thus, this call will be governed by these terms and conditions, which, by the simple fact of applying, as established in section "7. How to participate" shall be known and accepted without reservation by the participants.

## 3. What is offered by DFS Lab?

The winning proposal will benefit from:

- A. Preparation of the partnership.** MWCcapital will be in charge of bringing together the different stakeholders in a collaborative effort to enable the implementation of the winning proposal.

- B. Project execution.** MWCcapital will co-lead, in collaboration with Aigües de Barcelona, the project execution by assuring the coordination among all partners and defining the project calendar, its objectives, and key milestones.
- C. Project funding.** The winning proposal will receive financial support, which will be assessed on a case-by-case basis. The winning proposal will be responsible for providing at least 20% of the project's total budget. Financial support will only be available for activities and aspects directly related to the implementation of the pilot project and it cannot include personnel, travelling and diet costs. MWCcapital may fund the winning proposal up to a maximum of €25,000 excluding VAT.
- D. Testing ground.** The winning proposal will be delivered as a pilot validated in a real-life context, coordinated by MWCcapital, Aigües de Barcelona and Esplugues de Llobregat city council.
- E. Communication and dissemination.** MWCcapital will coordinate the communication activities throughout the project's life cycle, highlighting the major goals and positioning the project in the field.

#### 4. Key dates

Submissions can be made from 20<sup>th</sup> of **Decembre 2022** until the **7<sup>th</sup> of February 2022 at 3:00 PM (CET)**.

Participants must complete their application by registering and submitting information through the online form available.

The winner will be announced in March 2022.

MWCcapital reserves the right to extend the deadline for the submission of proposals.

#### 5. Language of participation

This is an international Call for Solutions so submissions should be made in English. However, submissions in Catalan & Spanish will also be accepted.

#### 6. Eligibility criteria

Participation in the Call is voluntary, free, and open to any legal organisation, without any restrictions based on size or geographical location.

In addition to this, submitted proposals need to comply with the following three (3) criteria:

- To respond to the challenge launched by this Call for Solutions.
- Deliver concrete and measurable results and be prepared for the implementation of the pilot project.
- The technological elements of the proposed solution must also be ready for the implementation of the pilot project (Technology Readiness Level > 6).

Participants must complete their proposals by registering and submitting information through the online form available.

Proposals received or attempted to be formalised after the closing date of the Call, and those that do not include the requested characteristics and requirements will be considered null and void and, consequently, will not be evaluated.

The organisation reserves the right to eliminate, without prior notice, any participants who manifest, through acts or omissions, fraudulent or abusive behaviour or behaviour contrary to the law, the rights of third parties and/or good faith, as well as to eliminate any participants who carry out fraudulent actions aimed at obtaining a higher score or altering the results of the Call in any way, whether in their favour or not; as well as to consider null and void those proposals that it considers inappropriate for the image of the MWCcapital brand.

The data provided by participants when registering for this Call must be true so that those participants whose data are incorrect, or incomplete will lose any option to participate in the challenge.

## **7. How to participate**

The submission process is divided into three (3) rounds of evaluation. Only proposals that meet the eligibility criteria described in the previous section will be considered for evaluation.

All applications received will be analysed in the same way.

### **a. Round one - Evaluation of all eligible proposals**

Participants can submit their proposals by filling in the submission form on the DFS Lab webpage [here](#).

In this round, all eligible proposals will be evaluated by a panel of judges consisting of DFS Lab members and independent experts external to MWCcapital.

The maximum score for this round is **50 points**, in accordance with the criteria set out below:

- **Degree of relevance:** how relevant is the proposal in responding to the problem posed **(8 points)**
- **Benefits:** dimension of the benefits and improvements (social, economic and /or environmental) that would be generated by the implementation of the proposed solution in the Esplugues de Llobregat **(8 points)**
- **Degree of innovation:** how innovative and disruptive the solution is in relation to what already exists in the market **(6 points)**
- **TRL - (Technology Readiness Level):** how mature the solution is and its readiness to be piloted in a real-world context **(3 points)**
- **Scalability:** the possibility of scaling the proposal in other contexts, public spaces or other municipalities in the Barcelona metropolitan area **(5 points)**
- **Feasibility of the implementation:** how feasible is the implementation of the proposed pilot project in the Esplugues de Llobregat from a technical perspective **(8 points)**
- **Readiness for implementation:** how many months it takes to get the solution up and running. **(6 points)**
- **Previous experience in similar projects:** indicate the level of demonstrable experience in the field of water management and irrigation **(3 points)**
- **Partnership:** the existence and/or necessity of partners and/or counterparts for the successful implementation of the pilot project **(3 points)**

**b. Round two - Evaluation of the (maximum) twelve proposals with the highest scores**

Of the total number of proposals received, (maximum) the twelve (12) proposals with the highest score in the first round will go through to the second round and be considered semi-finalist proposals.

Semi-finalist proposals must submit additional information between 13<sup>th</sup> and 20<sup>th</sup> of February 2023. This information will focus on the implementation plan of the pilot project, the budget, and the proposal's sustainability, among others. Based on this additional information, MWCcapital will conduct a new evaluation round until the 24<sup>th</sup> of February 2023. The semi-finalist proposals will be re-evaluated in this second round by the DFS team and independent experts external to MWCcapital.

The maximum score for this phase is **50 points**, in accordance with the criteria set out below:

- **Context of the pilot:** level of relevance and adaptation of the context of the pilot to the Esplugues de Llobregat municipality **(6 points)**.
- **Level of detail of the pilot project:** level of detail and clarity in the description of the pilot project's objectives, tasks, and timeline **(3 points)**

- **Feasibility of the pilot project planning:** how feasible is the implementation of the pilot project based on the proposed planning **(6 points)**
- **Technical feasibility of the pilot project implementation and needs:** how feasible is the implementation of the pilot project based on technical needs and requirements **(8 points)**
- **Physical infrastructure:** Level and / or amount of physical infrastructure required (to install) to implement the solution **(3 points)**.
- **Evaluation of results:** Pilot's results measurement plan **(3 points)**.
- **Economic feasibility of the pilot project:** how feasible is the implementation of the pilot project from an economic perspective, budgetary needs, and available resources. **(6 points)**
- **Co-funding:** the percentage of the applicant's contribution to the pilot project budget **(3 points)**
- **Sustainability:** clarity and feasibility of the sustainability of the solution beyond the pilot project **(6 points)**
- **Team profile and experience:** matching the team and its experience to the pilot project's needs **(3 points)**
- **Team organisation and responsibilities:** adequacy of the organisational structure and distribution of responsibilities among the team for the correct implementation of the proposed pilot project **(3 points)**

**c. Round three - Selection of the winners**

The six (6) proposals that have obtained the best score in the first and second round together will be considered as finalists. A jury made up of experts from MWCcapital, Aigües de Barcelona and Esplugues de Llobregat City Council, and other external experts will evaluate the finalist proposals based on all the information provided in the first and second rounds.

Finally, a meeting, called Pitch Day, will be held online where the six (6) finalists will present a summary of their proposals (5 minutes) and answer the questions of the jury (10min). At the end of all the presentations, the same day, the jury will select one (1) proposal as the winner of the Call, which will end up resulting in one (1) future collaboration to carry out the corresponding pilot.

To select the six (6) proposals to be considered finalists, if several proposals obtain the same score in the final evaluation, the tie-breaking criterion will be the number of women included in the team that will implement the pilot project.

Each of the criteria will be assessed on 0 to 3, 4, 5, 6 or 8 points during the different evaluation phases.

Once the third round has been closed, the winning project will be informed of this circumstance and, to be considered confirmed, it will have to sign a participation agreement in which it will have to make a binding commitment to participate actively in the programme, under the conditions established in these rules, and to ensure that no circumstances have changed.

MWCapital will issue a resolution stating which participant has been selected as the winner of this Call.

## **8. Intellectual property and communication of results**

The intellectual and/or industrial property of the projects submitted shall belong to the participants who have submitted them.

By submitting to the Call, participants authorise MWCapital to use the name of the organisation and/or first and last names of the individuals involved, a summary of their proposal or essential or basic references to it and the photos and biographies provided in any promotional material of the initiative.

MWCapital reserves the right to disseminate the different phases, events, or milestones during the Call and to communicate the results of the Call through any media (internet, media, television, radio, etc.) with prior knowledge of the participants.

Thus, the participants who take part in the Call, by this fact, transfer to MWCapital the rights to use the images, voice, audio, and video, as well as the names and explanations of their projects, in any media and under any support or format, for the sole purposes of promotion, dissemination and development of the project.

This transfer is made with the right of transfer to third parties, without geographical or temporal limitation and free of charge.

## **9. Limitation of liability**

MWCapital reserves the right to reject any proposal or withdraw a place in the Call if a participant breaches these rules or in the event of a potential conflict of interest. If a participant withdraws or is withdrawn from the Call during the evaluation rounds, MWCapital may select a new participant to replace it but is not obliged to do so.

MWCapital will not be responsible for or reimburse any costs incurred in submitting materials or information in accordance with the Call, including evaluation, response, follow-up, negotiation, or

any other costs incurred to comply with the requirements of the Call, in conjunction with the implementation of the proposal.

Participants must have access to the internet, as the Call can only be accessed via online means. Participants must provide an e-mail address and a valid contact number which will be used to request any additional information needed and to communicate the results.

In applying for the Call, participants:

- They are responsible for the authorship and originality of the projects submitted and for the copyright and other intellectual or industrial property rights on any material, product and/or computer programmes or software (whether in printed or machine format).
- They guarantee that they do not infringe any third-party rights, be they industrial, intellectual, or other property rights.
- Acknowledge that they are also the holders, or legitimate assignees, of the full ownership of the supports of any kind, including, by way of example and without limitation, the documentation, and any analogue, magnetic and/or digital supports or materials on which the object of the project is materialised and fixed, totally, or partially.
- They guarantee that they own the intellectual and/or industrial property rights related to the ideas they submit to this call and all creations, databases, tools, methodologies, processes, technologies, know-how, software, and products in general.

The results of the evaluations of each round are final and binding. MWCcapital is exempt from any liability, sanction, claim or demand or civil, commercial, criminal, and administrative proceedings, including compensation of any kind or nature and from any expenses (including lawyers' and solicitors' fees expressly). The decision of the jury members during the three (3) rounds of evaluation is final, and MWCcapital will not enter into any discussion on the outcome.

## **10. Personal data protection**

The personal data provided in the framework of this call and the updates of the same will be processed by MWCcapital under the provisions of this clause.

MWCcapital will only communicate data when strictly necessary. In any case, the data will be treated with a level of protection under the applicable rules on Data Protection and will not be subject to automated decisions.

If personal data of third parties are provided, MWCcapital is guaranteed that they have been informed before their inclusion of the points contained in this clause, being personally liable to MWCcapital for any damages that may arise in the case of contravention.



Participants may at any time, under the terms established in current legislation, exercise their rights of access, rectification, deletion of data, request that their processing be limited or opposed, as well as request the portability of their data by writing to the address Plaça Pau Vila, number 1, Sector 2-C, 08039, Barcelona, or to the e-mail address [lopd@mobileworldcapital.com](mailto:lopd@mobileworldcapital.com) clearly indicating the right they wish to exercise and enclosing their National Identity Card or similar identification document that proves their identity. A complaint may also be lodged with the Spanish Data Protection Agency.

### **11. Invalidity of clauses and consultation and resolution of doubts**

If any section of these rules is declared, totally or partially, null or ineffective, such nullity or ineffectiveness will only affect this provision or part of it that is null or ineffective, subsisting in all the rest of the rules and having this provision or the part of it that is affected by not being included, except that, in case of being essential for these rules, it would have to affect them integrally.

In this way, any situation not resolved in these rules will be raised directly with MWCcapital, as the organiser of this challenge, which will dictate the solution to the incident raised, which will at all times be binding on the established rules and will be communicated in writing to the participant affected.

For any questions or doubts related to the objective of the Call or the presentation of the participation, interested parties may contact MWCcapital through the following e-mail address: [challenge@mobileworldcapital.com](mailto:challenge@mobileworldcapital.com).

### **12. Applicable law and jurisdiction**

The law applicable to this call for applications shall be 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 relation to these rules.

### **13. Language of this terms and conditions**

These terms and conditions may be consulted in three languages, Spanish, Catalan and English, although the Spanish version will prevail over the others in the event of any controversy.